AP - 007

STAGE 1 & 2 WORKPLANS

DATE: Nov. 2005

SITE RESTORATION WORK PLAN
AND
PROPOSED SOIL CLOSURE STRATEGY

DARR ANGELL #4 SITE

Lea County, New Mexico
NW 1/4 of the NE 1/4 of Section 11, Township 15 South, Range 37 East
SW 1/4 of the SE 1/4 of Section 2, Township 15 South, Range 37 East
Latitude North 33° 02' 17.4"
Longitude West 103° 10' 0.4"

Prepared For:

NOVA safety and environmental

Plains Marketing, L.P.
333 Clay Street, Suite 1600
Houston, Texas 77002

Prepared By:

NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703

November 2005

Curt D. Stanley
Project Manager

Todd K. Choban
Vice President in charge of
Technical Services

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1.0 INTRODUCTION

NOVA Safety and Environmental (NOVA) is pleased to submit this Site Restoration Work Plan and Proposed Soil Closure Strategy to Plains Marketing, L.P. (Plains) outlining proposed corrective actions at the Darr Angell #4 crude oil release site and ultimate request for closure of soil issues at the site. The site, formerly the responsibility of Enron Oil Trading and Transportation (EOTT) who subsequently became Link Energy, is now the responsibility of Plains Marketing, L.P.

The site is located south of US Highway 82, approximately 12.5 miles east of Lovington, New Mexico at Latitude 033° 01' 59.5" N and Longitude 103° 10' 03.1" W, in Section 11, Township 15 South, Range 37 East in rural Lea County, New Mexico (Figure 1). Two crude oil releases have occurred at the site. The initial leak occurred on November 9, 1999 and was reported as a 10 barrel loss with no recovery. The second release occurred on February 2, 2001 and was reported as 150 barrels released with 95 barrels being recovered.

Approximately 9014 cubic yards (cy) of soil has been excavated from the site to date. An estimated 864 cy was transported and disposed of at the Goo-Yea Landfarm during initial response activities. The remaining 8150 cy of soil was placed on an impermeable plastic barrier, shredded, nutrients added and stockpiled on site.

A Site Investigation Report dated February 2001 and a Stage II Abatement Plan dated July 2002 prepared by Environmental Technology Group, Inc.(ETGI) were submitted to the New Mexico Oil Conservation Division (NMOCD) Santa Fe, New Mexico office c/o Mr. William C. Olson/Randy Bayliss and the Hobbs, New Mexico district office c/o Chris Williams. These reports summarized the investigative findings performed at the site and proposed remedial actions to facilitate closure strategies of the crude oil release incident. These reports included all pertinent data, laboratory reports, etc. documenting these activities. To date, Plains has not received correspondence from the NMOCD concerning proposed remedial actions outlined in the Stage II Abatement Plan.

This Site Restoration and Soil Closure Strategy Plan will be submitted to the NMOCD as a supplemental remedial work plan designed to refine proposed remedial actions to be performed to restore the surface and obtain NMOCD closure of impacted soil issues at the site. This report does not include laboratory reports, boring logs and other supporting attachments previously submitted with the earlier investigation report and abatement plan. Section 3.0 of this Site Restoration Work Plan and Proposed Soil Closure Strategy briefly summarizes soil investigative and remedial activities performed at the site and reiterates the findings of these activities. Section 4.0 proposes a work plan that summarizes proposed corrective actions and closure strategy of soil issues at the site.

2.0 NEW MEXICO OIL CONSERVATION DIVISION - SITE CLASSIFICATION

The groundwater table at this site occurs at a depth of approximately 56 to 58 feet bgs. Following NMOCD ranking guidelines, the site will have a ranking greater than 19 points.

The nearest water well is to the southeast, in excess of one-half mile away. The distance to the nearest surface water, not including manmade excavations, is greater than 1,000 feet from the site. Therefore, these parameters have no bearing on determining the NMOCD ranking.

Remedial Action Levels

As per the NMOCD Guidelines (1993), the soil remediation action levels for a site with a Ranking Score of greater than 19 are as follows:

- Benzene - 10 ppm
- BTEX - 50 ppm
- TPH - 100 ppm

3.0 SUMMARY OF FIELD ACTIVITIES

In May 2001, approximately 6,650 cy of soil was excavated to the top of a very hard layer of caliche. Attempts to continue excavation through this layer were unsuccessful. Nine soil samples from the sidewall of the upper excavation were submitted for laboratory analysis on March 12, 2002. The analytical results indicated that all side wall soil samples exhibited total petroleum hydrocarbon (TPH) concentrations below laboratory reporting limits with the exception of the North and West sidewall samples which exhibited TPH concentrations of 202 mg/Kg and 212 mg/Kg, respectfully (Table 1). A site map is included as Figure 2. The site map has been corrected to show the proper location of recovery well RW-3. Based on the results of the March 2002 sample collections, a letter dated March 12, 2002 was submitted to the NMOCD, requesting approval to partially backfill the excavation. Subsequently, the excavation was partially backfilled with caliche which had been separated during the screening and shredding operations.

An excavated area approximately twenty four (24) feet deep, is located within the partially backfilled excavation. This deeper excavation exhibits sidewalls which are extremely steep sided. The South wall of the excavation appears to be stained with hydrocarbon impacted soil. No soil samples have been collected from the south side of the excavation, due to safety issues. In February 2003, excavation sidewall samples were collected from the North, Northwest and West walls of the deeper excavation. The analytical results indicate the west sidewall contains soil below the New Mexico regulatory limits. The analytical results indicate the North and Northwest sidewalls of the deeper excavation contain impacted soil above the New Mexico regulatory limit. Following negotiations with Mr. Ed Martin (NMOCD) it was agreed the treated soil stockpiled on site could be utilized as excavation backfill following additional Northwest and North sidewall excavation. It was further agreed that a clay or synthetic liner would be placed in the bottom of the existing excavation to limit the migration of the impacted soil.

The stockpiled soil at the site was initially sampled in October 2002 following mechanical shredding. Analytical results indicated TPH ranged from 59 mg/Kg to 1,344 mg/Kg. The stockpiles were reshredded during the winter of 2002-2003. The stockpiles were resampled in the spring and summer of 2003. Analytical results indicate benzene, toluene, ethylbenzene

and xylene (BTEX) levels were below the New Mexico regulatory limits. The results further indicate TPH levels ranged from 58 mg/Kg to 404 mg/Kg. Laboratory results are included as Appendix A.

4.0 SUPPLEMENTAL WORK PLAN

4.1 Soil Closure Strategy

Based on the analytical results of the excavation sidewall samples obtained in February 2003, Plains proposes to mobilize an excavator to the site and remove additional soil and rock from the Northwest, North and South walls of the deep excavation. Due to the depth and instability of the deep excavation sidewalls at the Darr Angell #4 site, Plains proposes to backfill the deep excavation with stockpiled soil to a depth of approximately 10 bgs. Plains further proposes to excavate the walls of the deep excavation at a slope of one and one half (1 ½) to one (1), which is the slope required for a Type C soil. During discussions between Ed Martin (NMOCD), Camille Reynolds (Plains) and Curt Stanley (NOVA), Mr. Martin agreed with this proposed strategy. While sloping the existing excavation, Plains anticipates the impacted soil on the Northwest and North walls, as well as the soil on the south wall of the excavation can be removed in a safe manner. Existing monitor and recovery wells adjacent to the excavation may require soil surrounding these wells to remain in place. Due to the close proximity of these wells to the crude oil release point, every effort will be made to protect the integrity of the monitor wells for future groundwater monitoring.

In the course of excavating, excavated soil will be evaluated utilizing headspace Photo-ionization Detector (PID) readings, as well as visual and olfactory evidence. Confirmation soil samples from the proposed excavated areas will be submitted for laboratory analysis of TPH by EPA Method 8015 Modified GRO/DRO and BTEX analysis using EPA Method 8021B.

The soil proposed to be excavated from the Northwest, North and South sidewalls of the deep excavation will be segregated from the previously stockpiled soil. The existing deep excavation will be lined with a synthetic liner. The previously stockpiled soil, which has been deemed acceptable to the NMOCD will be placed into the excavation in twelve inch lifts and compacted. The segregated soil will be stockpiled and allowed to aerate and bio-remediate and will be periodically sampled. When analytical results indicate this newly stockpiled soil is below New Mexico regulatory limits, the soil will be placed in the excavation. The topography will be graded to original contours and the construction affected areas of the site will be re-seeded with grass/vegetation acceptable to the landowner.

5.0 SITE CLOSURE REQUEST

Plains is prepared to begin field activities and perform the corrective actions summarized in the site restoration work plan and proposed soil closure strategy, upon review and approval of the work plan by the NMOCD. Upon completion of the field activities summarized in this plan, Plains will submit a Soil Closure Report to the NMOCD, documenting the results of confirmation soil samples, and final topography restoration activities. In this report, Plains will request that the NMOCD grant closure to soil issues at the site. A groundwater closure

report will follow after eight successive quarterly groundwater sampling events have demonstrated that hydrocarbon concentrations are below regulatory guidelines.

6.0 QA/QC PROCEDURES

6.1 Soil Sampling

Soil samples will be obtained utilizing single-use, disposable, latex gloves. Representative soil samples will be divided into two separate portions using clean, disposable gloves and clean sampling tools. One portion of the soil samples will be placed in a disposable sample bag. The bag will be labeled and sealed for headspace analysis using a photo ionization detector (PID) calibrated to a 100-ppm isobutylene standard. Each sample will be allowed to volatilize for approximately thirty minutes at ambient temperature prior to conducting the analysis.

The other portion of the soil sample will be placed in a sterile glass container equipped with a Teflon-lined lid furnished by the analytical laboratory. The container will be filled to capacity to limit the amount of headspace present. Each container will be labeled and placed on ice in an insulated cooler. Upon selection of samples for analysis, the cooler will be sealed for shipment to the laboratory. Proper chain-of-custody documentation will be maintained throughout the sampling process.

Soil samples will be delivered to Trace Analysis in Lubbock, Texas for BTEX and TPH analyses using the methods described below.

- BTEX concentrations in accordance with EPA Method 8021B/5030
- TPH concentrations in accordance with modified EPA Method 8015M GRO/DRO;

6.2 Decontamination of Equipment

Soil sampling tools such as small hand shovels will be washed with Liqui-Nox® detergent and rinsed with distilled water between the collection of soil samples.

6.3 Laboratory Protocol

The laboratory will be responsible for proper QA/QC procedures after signing the chain-of-custody form.

7.0 LIMITATIONS

NOVA Safety and Environmental has prepared this Site Restoration Work Plan and Proposed Soil Closure Strategy Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

NOVA Safety and Environmental has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA Safety and Environmental has not conducted an independent examination of the facts contained in referenced materials and statements. We have presumed the genuineness of the documents and that the information provided in documents or statements is true and accurate. NOVA Safety and Environmental has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA Safety and Environmental also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Plains Marketing, L.P. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA Safety and Environmental and/or Plains Marketing L.P.

DISTRIBUTION

Copy 1:
Ed Martin
New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

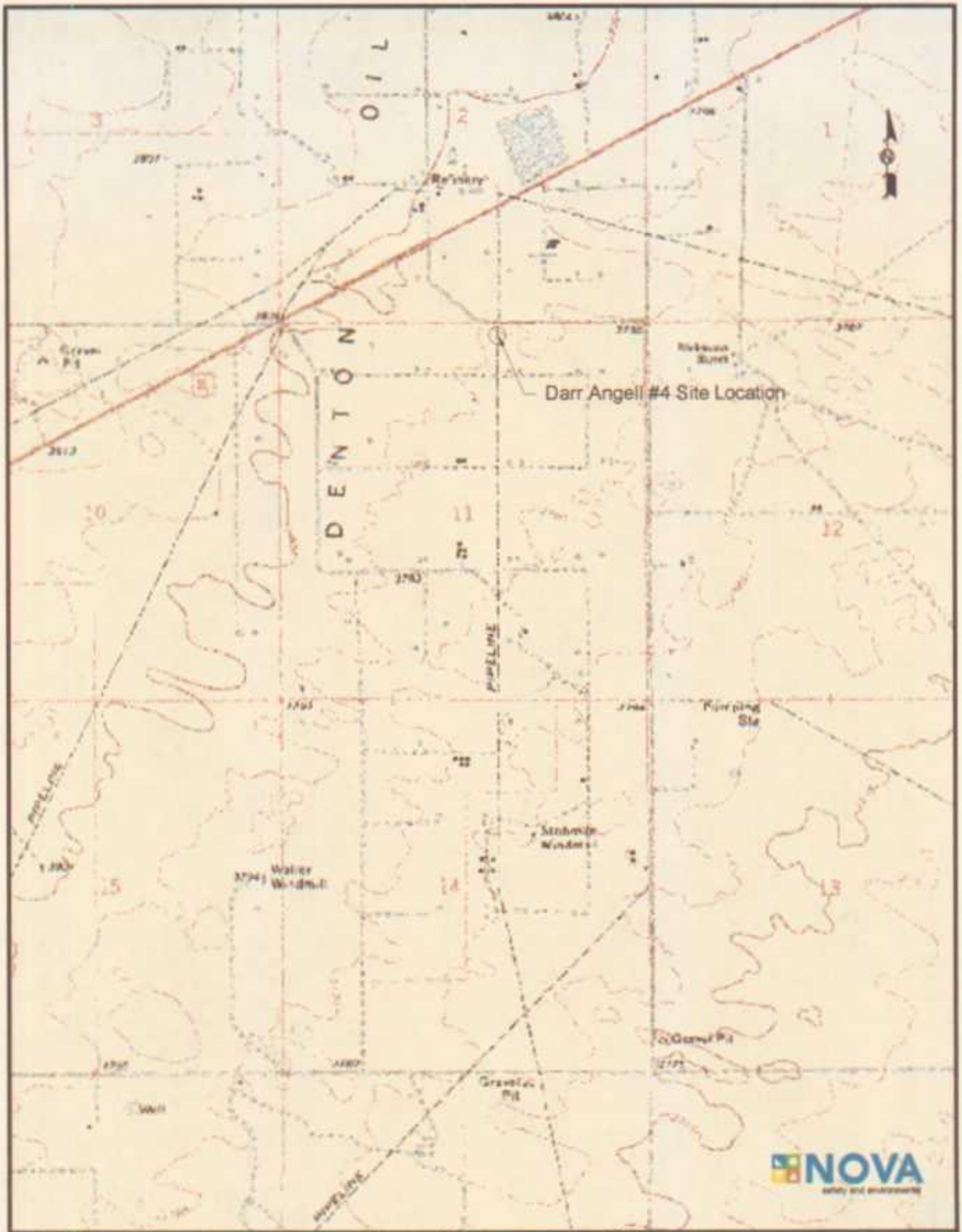
Copy 2:
Paul Sheeley and Larry Johnson
New Mexico Energy, Minerals and Natural Resources
Oil Conservation Division, District 1
1625 North French Drive
Hobbs, New Mexico 88240

Copy 3:
Camille Reynolds
Plains Marketing, L.P.
3112 Highway 82
Lovington, New Mexico 88260
cjreynolds@paalp.com

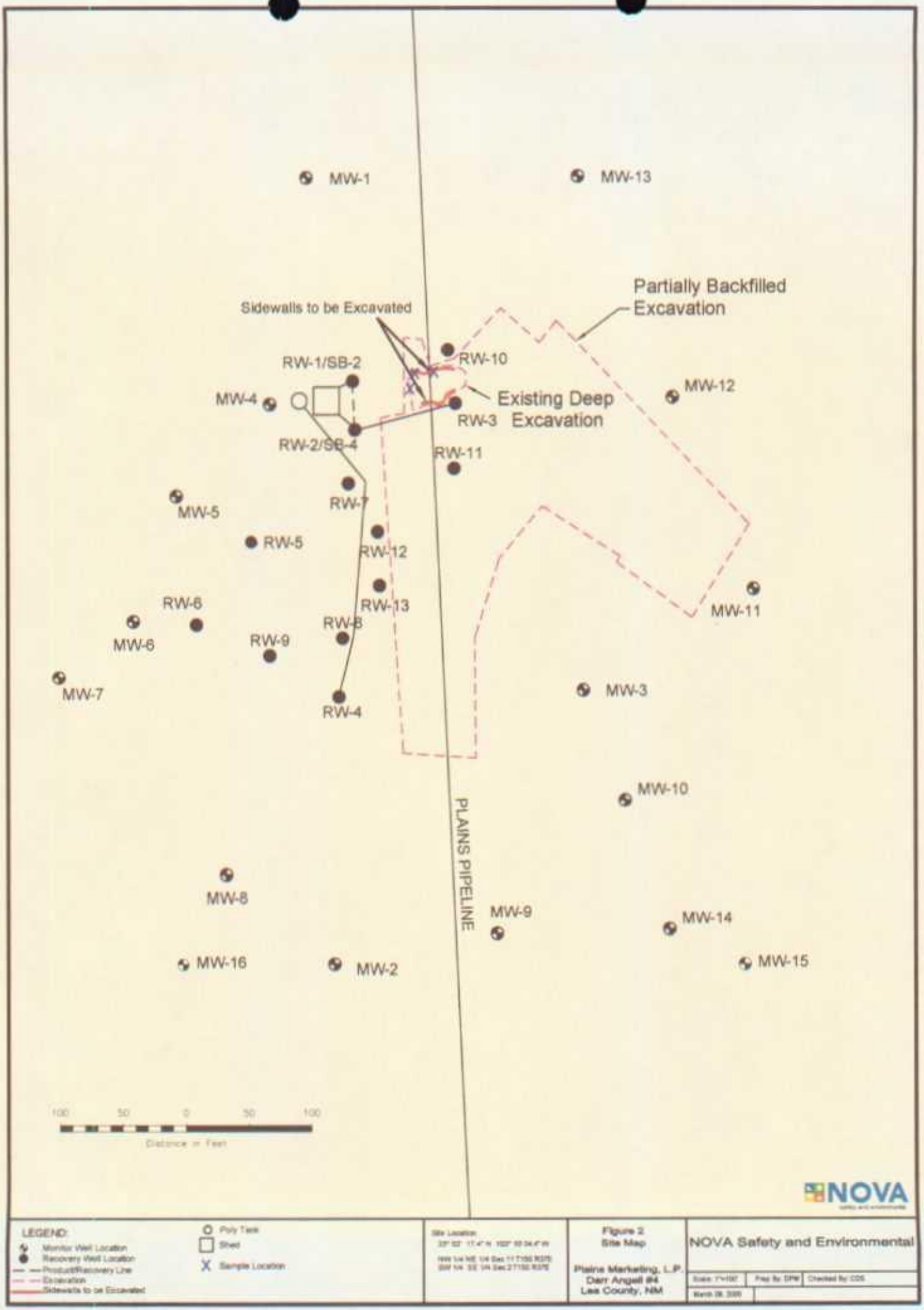
Copy 4:
Jeff Dann
Plains Marketing, L.P.
333 Clay Street
Suite 600
Houston, Texas, 77002
jpdann@paalp.com

Copy 5:
NOVA Safety and Environmental
2057 Commerce
Midland, Texas 79703
cstanley@novatraining.cc

FIGURES



Site Location 33° 02' 17.4" N 103° 10' 04.4" W NW 1/4 NE1/4 Sec 11 T15S R37E SW 1/4 SE 1/4 Sec 2 T15S R37E	Figure 1 Site Location Map Plains Marketing, L.P. Darr Angell # 4 Lea County, NM	NOVA Safety and Environmental Scale: 1"=2000' | Prep By: CDS | Checked By: TKC February 20, 2005


MW-1
MW-13
Partially Backfilled Excavation
Sidewalls to be Excavated
RW-1/SB-2
RW-10
MW-4
MW-12
Existing Deep Excavation
RW-3
RW-2/SB-4
RW-11
RW-7
MW-5
RW-5
RW-12
RW-6
RW-13
MW-11
RW-8
MW-6
RW-9
MW-7
MW-3
RW-4
MW-10
PLAINS PIPELINE
MW-8
MW-9
MW-14
MW-16
MW-2
MW-15
100 50 0 50 100
Distance in Feet
NOVA
LEGEND:
Monitor Well Location
Recovery Well Location
Product/Recovery Line
Excavation
Sidewalls to be Excavated
Poly Tank
Shed
Sample Location
Figure 2
Site Map
Plains Marketing, L.P.
Darr Angell #4
Lea County, NM
NOVA Safety and Environmental

TABLES

Table 1

CONCENTRATIONS OF BTEX AND TPH
IN STOCKPILED SOIL AND EXCAVATION SIDEWALL SAMPLES

PLAINS MARKETING, L.P.

DARR ANGELL #4
LEA COUNTY, NM

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030			SW 846-8021B, 5030					
		GRO	DRO	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
3/12/2002	South Wall - 1	<10	<10							
	Far S.E. Wall - 2	<10	<10							
	Center S.E. Wall - 3	<10	27.9							
	Southeast Wall - 4	<10	<10							
	East Wall - 5	<10	<10							
	Northeast Wall - 6	<10	<10							
	North Wall - 7	<10	202							
	West Wall - 8	18.2	194							
	Far S.W. Wall - 9	<10	<10							
10/31/2002	S/P Comp. Sample 1	11.9	263							
	S/P Comp. Sample 2	12.2	118							
	S/P Comp. Sample 3	<10.0	141							
	S/P Comp. Sample 4	14.4	992							
	S/P Comp. Sample 5	28.8	257							
	S/P Comp. Sample 6	28.7	210							
	S/P Comp. Sample 7	14.1	1330							
	S/P Comp. Sample 8	34.4	184							
	S/P Comp. Sample 9	<10.0	235							
	S/P Comp. Sample 10	71.4	164							
	S/P Comp. Sample 11	15.6	510							
	S/P Comp. Sample 12	<10.0	180							
	S/P Comp. Sample 13	<10.0	369							
	S/P Comp. Sample 14	<10.0	431							
	S/P Comp. Sample 15	14.5	773							
	S/P Comp. Sample 16	<10.0	312							
	S/P Comp. Sample 17	<10.0	144							
	S/P Comp. Sample 18	<10.0	377							
	S/P Comp. Sample 19	<10.0	214							
	S/P Comp. Sample 20	<10.0	99.8							
	S/P Comp. Sample 21	<10.0	332							
	S/P Comp. Sample 22	<10.0	191							
	S/P Comp. Sample 23	<10.0	164							
	S/P Comp. Sample 24	<10.0	59							
	S/P Comp. Sample 25	<10.0	<10.0							
	S/P Comp. Sample 26	<10.0	<10.0							
11/26/2002	S/P Sample 27	<10.0	<10.0		<0.025	<0.025	<0.025	<0.025		
1/3/2003	S/P 28	<10.0	<10.0		<0.025	<0.025	<0.025	<0.025		
	S/P 29	<10.0	194		<0.025	<0.025	<0.025	<0.025		
1/9/2003	S/P 30	<10.0	65.3		<0.025	<0.025	<0.025	<0.025		
1/13/2003	S/P 31	<10.0	120		<0.025	<0.025	<0.025	<0.025		
2/11/2003	S/P 32	<10.0	152		<0.025	<0.025	<0.025	0.034		
	S/P 33	<10.0	170		<0.025	<0.025	<0.025	0.056		
	S/P 34	32.5	366		<0.025	<0.025	0.028	0.045		
2/28/2003	S/P 35	26.9	284		<0.025	<0.025	<0.025	<0.025		
	S/P 36	17.6	246		<0.025	<0.025	<0.025	<0.025		
	S/P 37	17.4	300		<0.025	<0.025	<0.025	<0.025		
	S/P 38	<10.0	58.3		<0.025	<0.025	<0.025	<0.025		

Table 1

CONCENTRATIONS OF BTEX AND TPH
IN STOCKPILED SOIL AND EXCAVATION SIDEWALL SAMPLES

PLAINS MARKETING, L.P.

DARR ANGELL #4
LEA COUNTY, NM

All concentrations are in mg/kg

SAMPLE DATE	SAMPLE LOCATION	Methods: EPA SW 846-8021B, 5030			SW 846-8021B, 5030					
		GRO	DRO	TPH C_6-C_{28}	BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENES	BTEX
	S/P 39	37.1	367		<0.025	<0.025	<0.025	<0.025		
	S/P 40	18.5	258		<0.025	<0.025	<0.025	<0.025		
	S/P 41	22.4	325		<0.025	<0.025	<0.025	<0.025		
	S/P 42	10.5	206		<0.025	<0.025	<0.025	<0.025		
	S/P 43	<10.0	114		<0.025	<0.025	<0.025	<0.025		
6/11/2003	S/P 44	<10.0	135		<0.025	<0.025	<0.025	<0.025		
	S/P 45	13.3	268		<0.025	<0.025	<0.025	<0.025		
2/11/2003	West Wall -12	<10.0	17.5							
	North Wall - 10	484	6990							
	North West Wall -11	341	4590							

APPENDICES

APPENDIX A:
Laboratory Reports

ANALYTICAL REPORT

Prepared for:

KEN DUTTON
E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240

Project:	Darr Angell #4
Order#:	G0202809
Report Date:	03/15/2002

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240
505-397-4701

Order#: G0202809
Project: EOT 2075R
Project Name: Darr Angell #4
Location: Lovington, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0202809-01	South Wall-1	SOIL	03/12/2002 11:10	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-02	Far S.E. Wall-2	SOIL	03/12/2002 11:15	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-03	Center S.E. Wall-3	SOIL	03/12/2002 11:20	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-04	Southeast Wall-4	SOIL	03/12/2002 11:25	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-05	East Wall-5	SOIL	03/12/2002 11:30	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-06	North East Wall-6	SOIL	03/12/2002 11:35	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-07	North Wall-7	SOIL	03/12/2002 11:40	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					
0202809-08	West Wall-8	SOIL	03/12/2002 11:45	03/12/2002 15:30	4 oz Glass	ice
	Lab Testing:	Rejected: No		Temp: 1.5C		
	8015M TPH GRO/DRO					

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240
505-397-4701

Order#: G0202809
Project: EOT 2075R
Project Name: Darr Angell #4
Location: Lovington, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0202809-09	Far S.W. Wall-9	SOIL	03/12/2002 11:50	03/12/2002 15:30	4 oz Glass	ice

Lab Testing: **Rejected:** No **Temp:** 1.5C

8015M TPH GRO/DRO

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON
E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240

Order#:	G0202809
Project:	EOT 2075R
Project Name:	Darr Angell #4
Location:	Lovington, NM

Lab ID: 0202809-01
Sample ID: South Wall-1

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 10:49	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

Lab ID: 0202809-02
Sample ID: Far S.E. Wall-2

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 11:00	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON		Order#:	G0202809
E.T.G.I.		Project:	EOT 2075R
2540 WEST MARLAND		Project Name:	Darr Angell #4
HOBBS, NM 88240		Location:	Lovington, NM

Lab ID: 0202809-03
Sample ID: Center S.E. Wall-3

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 11:11	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	27.9	10.0
Total C6-C28	27.9	10.0

Lab ID: 0202809-04
Sample ID: Southeast Wall-4

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 11:54	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON
E.T.G.I.
2540 WEST MARLAND
HOBBS, NM 88240

Order#: G0202809
Project: EOT 2075R
Project Name: Darr Angell #4
Location: Lovington, NM

Lab ID: 0202809-05
Sample ID: East Wall-5

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 12:04	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

Lab ID: 0202809-06
Sample ID: North East Wall-6

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 12:38	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON		Order#:	G0202809
E.T.G.L		Project:	EOT 2075R
2540 WEST MARLAND		Project Name:	Darr Angell #4
HOBBS, NM 88240		Location:	Lovington, NM

Lab ID: 0202809-07
Sample ID: North Wall-7

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 12:49	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	202	10.0
Total C6-C28	202	10.0

Lab ID: 0202809-08
Sample ID: West Wall-8

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 14:45	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	18.2	10.0
DRO, >C12-C28	194	10.0
Total C6-C28	212	10.0

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

KEN DUTTON		Order#:	G0202809
E.T.G.I.		Project:	EOT 2075R
2540 WEST MARLAND		Project Name:	Darr Angell #4
HOBBS, NM 88240		Location:	Lovington, NM

Lab ID: 0202809-09
Sample ID: Far S.W. Wall-9

8015M TPH GRO/DRO

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		03/14/2002 14:55	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10	10.0
DRO, >C12-C28	<10	10.0
Total C6-C28	<10	10.0

Approval: Raland K Tuttle 3-15-02
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Irene Perry, QA Assistant
Sandra Biezugbe, Lab Tech.
Curt Cowdrey, Lab Tech.
Sara Molina, Lab Tech.

N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M TPH GRO/DRO

Order#: G0202809

BLANK	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-02			<10		
Total C6-C28-mg/kg	0000871-02			<10		
CONTROL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-03		952	1085	114.%	
CONTROL DUP	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-04		952	1127	118.4%	3.8%
MS	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0202809-05	0	952	942	98.9%	
MSD	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0202809-05	0	952	940	98.7%	0.2%
SRM	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Total C6-C28-mg/kg	0000870-05		1000	876	87.6%	0.%
Total C6-C28-mg/kg	0000871-05		1000	1039	103.9%	0.%

Environmental Lab of Texas, Inc.

COC: 034

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ken Dutton
Company Name: E.T.G.I
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, N.M. 88240
Telephone No: 505-397-4882
Fax No: 505-397-4701
Sampler Signature: Marcelo Campos

Project Name: Darr Angell #4
Project #: EOT-2075R
Project Loc: Lovington NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TCLP/TOTAL: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
2809-01	South Wall-1	3-12-02	1110	1	X									X					X						X
-02	Far S.E. Wall-2		1115																						
-03	Center S.E. Wall-3		1120																						
-04	Southeast Wall-4		1125																						
-05	East Wall-5		1130																						
-06	North East Wall-6		1135																						
-07	North Wall-7		1140																						
-08	West Wall-8		1145																						
-09	Far S.W. Wall-9		1150																						

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 1.5°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Marcelo Campos	3-12-02				
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jacolie Rangel	3-12-02	1530

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	DA 4
PO#:	
Order#:	G0204898
Report Date:	11/08/2002

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0204898-01	Stockpile Comp. Samp.1	SOIL	10/31/02 12:00	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-02	Stockpile Comp. Samp.2	SOIL	10/31/02 12:18	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-03	Stockpile Comp. Samp.3	SOIL	10/31/02 12:32	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-04	Stockpile Comp. Samp.4	SOIL	10/31/02 12:45	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-05	Stockpile Comp. Samp.5	SOIL	10/31/02 12:58	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-06	Stockpile Comp. Samp.6	SOIL	10/31/02 13:14	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-07	Stockpile Comp. Samp.7	SOIL	10/31/02 13:29	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-08	Stockpile Comp. Samp.8	SOIL	10/31/02 13:42	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0204898-09	Stockpile Comp. Samp.9	SOIL	10/31/02 13:57	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-10	Stockpile Comp. Samp.10	SOIL	10/31/02 14:12	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-11	Stockpile Comp. Samp.11	SOIL	10/31/02 14:23	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-12	Stockpile Comp. Samp.12	SOIL	10/31/02 14:25	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-13	Stockpile Comp. Samp.13	SOIL	10/31/02 14:34	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-14	Stockpile Comp. Samp.14	SOIL	10/31/02 14:35	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-15	Stockpile Comp. Samp.15	SOIL	10/31/02 14:45	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-16	Stockpile Comp. Samp.16	SOIL	10/31/02 14:46	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0204898-17	Stockpile Comp. Samp.17	SOIL	10/31/02 14:56	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-18	Stockpile Comp. Samp.18	SOIL	10/31/02 14:57	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-19	Stockpile Comp. Samp.19	SOIL	10/31/02 15:13	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-20	Stockpile Comp. Samp. 20	SOIL	10/31/02 15:14	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-21	Stockpile Comp. Samp. 21	SOIL	10/31/02 15:23	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-22	Stockpile Comp. Samp.22	SOIL	10/31/02 15:25	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-23	Stockpile Comp. Samp.23	SOIL	10/31/02 15:34	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-24	Stockpile Comp. Samp.24	SOIL	10/31/02 15:35	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0204898-25	Stockpile Comp. Samp.25	SOIL	10/31/02 15:43	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		
0204898-26	Stockpile Comp. Samp.26	SOIL	10/31/02 15:44	11/1/02 9:18	4 oz Glass	Ice
	Lab Testing: 8015M	**Rejected:** No		**Temp:** 0 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-01
Sample ID: Stockpile Comp. Samp.1

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/2/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	11.9	10.0
DRO, >C12-C35	263	10.0
TOTAL, C6-C35	275	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	69%	70	130
1-Chlorooctadecane	69%	70	130

Lab ID: 0204898-02
Sample ID: Stockpile Comp. Samp.2

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/2/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	12.2	10.0
DRO, >C12-C35	118	10.0
TOTAL, C6-C35	130	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	72%	70	130
1-Chlorooctadecane	67%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-03
Sample ID: Stockpile Comp. Samp.3

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/2/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	141	10.0
TOTAL, C6-C35	141	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	70%	70	130
1-Chlorooctadecane	66%	70	130

Lab ID: 0204898-04
Sample ID: Stockpile Comp. Samp.4

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	14.4	10.0
DRO, >C12-C35	992	10.0
TOTAL, C6-C35	1,006	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	104%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-05
Sample ID: Stockpile Comp. Samp.5

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	28.8	10.0
DRO, >C12-C35	257	10.0
TOTAL, C6-C35	286	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	89%	70	130
1-Chlorooctadecane	98%	70	130

Lab ID: 0204898-06
Sample ID: Stockpile Comp. Samp.6

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	28.7	10.0
DRO, >C12-C35	210	10.0
TOTAL, C6-C35	240	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	105%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-07
Sample ID: Stockpile Comp. Samp.7

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	14.1	10.0
DRO, >C12-C35	1,330	10.0
TOTAL, C6-C35	1344	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	112%	70	130

Lab ID: 0204898-08
Sample ID: Stockpile Comp. Samp.8

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	34.4	10.0
DRO, >C12-C35	184	10.0
TOTAL, C6-C35	218	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	106%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds		Order#:	G0204898
Environmental Technology Group, Inc.		Project:	EO 2075
2540 W. Marland		Project Name:	DA 4
Hobbs, NM 88240		Location:	Lea County, NM

Lab ID: 0204898-09
Sample ID: Stockpile Comp. Samp.9

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	235	10.0
TOTAL, C6-C35	235	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	108%	70	130

Lab ID: 0204898-10
Sample ID: Stockpile Comp. Samp.10

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	71.4	10.0
DRO, >C12-C35	164	10.0
TOTAL, C6-C35	236	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	105%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-11
Sample ID: Stockpile Comp. Samp.11

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	15.6	10.0
DRO, >C12-C35	510	10.0
TOTAL, C6-C35	526	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	108%	70	130

Lab ID: 0204898-12
Sample ID: Stockpile Comp. Samp.12

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	180	10.0
TOTAL, C6-C35	180	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	107%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-13
Sample ID: Stockpile Comp. Samp.13

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	369	10.0
TOTAL, C6-C35	369	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	111%	70	130

Lab ID: 0204898-14
Sample ID: Stockpile Comp. Samp.14

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	431	10.0
TOTAL, C6-C35	431	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	106%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-15
Sample ID: Stockpile Comp. Samp.15

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	14.5	10.0
DRO, >C12-C35	773	10.0
TOTAL, C6-C35	788	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	108%	70	130

Lab ID: 0204898-16
Sample ID: Stockpile Comp. Samp.16

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	312	10.0
TOTAL, C6-C35	312	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	109%	70	130
1-Chlorooctadecane	119%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-17
Sample ID: Stockpile Comp. Samp.17

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	144	10.0
TOTAL, C6-C35	144	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	106%	70	130

Lab ID: 0204898-18
Sample ID: Stockpile Comp. Samp.18

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	377	10.0
TOTAL, C6-C35	377	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	113%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-19
Sample ID: Stockpile Comp. Samp.19

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	214	10.0
TOTAL, C6-C35	214	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	93%	70	130
1-Chlorooctadecane	102%	70	130

Lab ID: 0204898-20
Sample ID: Stockpile Comp. Samp. 20

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	99.8	10.0
TOTAL, C6-C35	99.8	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	105%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-21
Sample ID: Stockpile Comp. Samp. 21

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	332	10.0
TOTAL, C6-C35	332	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	97%	70	130
1-Chlorooctadecane	110%	70	130

Lab ID: 0204898-22
Sample ID: Stockpile Comp. Samp.22

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	191	10.0
TOTAL, C6-C35	191	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	107%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-23
Sample ID: Stockpile Comp. Samp.23

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	164	10.0
TOTAL, C6-C35	164	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	104%	70	130

Lab ID: 0204898-24
Sample ID: Stockpile Comp. Samp.24

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	59.0	10.0
TOTAL, C6-C35	59.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	99%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898
Project: EO 2075
Project Name: DA 4
Location: Lea County, NM

Lab ID: 0204898-25
Sample ID: Stockpile Comp. Samp.25

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02 19:15	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	104%	70	130

Lab ID: 0204898-26
Sample ID: Stockpile Comp. Samp.26

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		11/3/02	1	1	RKT	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	98%	70	130

Approval: Raland K Tuttle 11-08-02
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0204898

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003624-02			<10.0		
TOTAL, C6-C35-mg/kg	0003627-02			<10.0		
TOTAL, C6-C35-mg/kg	0003628-02			<10.0		
TOTAL, C6-C35-mg/kg	0003630-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003630-03		952	1220	128.2%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003630-04		952	1160	121.8%	5.%
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0204893-04	0	952	800	84.%	
TOTAL, C6-C35-mg/kg	0204898-16	312	2302	1970	72.%	
TOTAL, C6-C35-mg/kg	0204898-26	0	952	1170	122.9%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0204893-04	0	952	925	97.%	14.5%
TOTAL, C6-C35-mg/kg	0204898-16	312	2302	2000	73.3%	1.5%
TOTAL, C6-C35-mg/kg	0204898-26	0	952	1240	130.3%	5.8%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003624-05		1000	1090	109.%	
TOTAL, C6-C35-mg/kg	0003627-05		1000	1,100	110.%	
TOTAL, C6-C35-mg/kg	0003628-05		1000	899	89.9%	
TOTAL, C6-C35-mg/kg	0003630-05		1000	1083	108.3%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898

Project: DA 4

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
Stockpile Comp. Sa	0204898-01	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-02	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-03	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-04	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-05	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-06	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-07	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-08	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-09	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-10	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-11	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-12	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-13	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-14	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-15	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-16	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-17	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-18	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-19	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-20	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-21	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-22	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-23	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-24	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-25	SOIL	10/31/2002	11/01/2002
Stockpile Comp. Sa	0204898-26	SOIL	10/31/2002	11/01/2002

Surrogate recoveries are outside historic control limits.

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0204898

Project: DA 4

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: _____ Date: 11-08-02

Environmental Lab of Texas I, Ltd.

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 397-4882 Fax No: (505) 397-4701
Sampler Signature: Camille Reynolds

Project Name: PA 4
Project #: E02075
Project Loc: Lea County, NM
PO #:

0204898

LAB # (lab use only)	FIELD CODE	Date Sampled (2002)	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
01	Stockpile Comp. Sample 1.	10/31	12:00	1	X									X					X						
02	Stockpile Comp. Sample 2.	10/31	1218																						
03	Stockpile Comp. Sample 3.	10/31	1232																						
04	Stockpile Comp. Sample 4.	10/31	1245																						
05	Stockpile Comp. Sample 5.	10/31	1258																						
06	Stockpile Comp. Sample 6.	10/31	1314																						
07	Stockpile Comp. Sample 7.	10/31	1329																						
08	Stockpile Comp. Sample 8.	10/31	1342																						
09	Stockpile Comp. Sample 9.	10/31	1357																						
10	Stockpile Comp. Sample 10.	10/31	1412	↓	↓									↓					↓						

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	10/31/02	1639	Linda Hilbert	10-31	1639
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
Linda Hilbert	11-1-02	0850	Jason D. Caudill	11/01/02	9:18

Sample Containers Intact? Y N
Temperature Upon Receipt: 0°C
Laboratory Comments: 4 oz Glass

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 397-4882 Fax No: (505) 397-4701
Sampler Signature: Camille Reynolds

Project Name: DA 4
Project #: EO 2075
Project Loc: Lea County, NM
PO #:

Analyze For:

LAB # (lab use only) 0204898	FIELD CODE	Date Sampled (2002)	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	TCLP	TOTAL: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)
11	Stockpile Comp. Sample 11.	10/31	1423	1	X									X						X					
12	Stockpile Comp. Sample 12.	10/31	1425																						
13	Stockpile Comp. Sample 13.	10/31	1434																						
14	Stockpile Comp. Sample 14.	10/31	1435																						
15	Stockpile Comp. Sample 15.	10/31	1445																						
16	Stockpile Comp. Sample 16.	10/31	1446																						
17	Stockpile Comp. Sample 17.	10/31	1456																						
18	Stockpile Comp. Sample 18.	10/31	1457																						
19	Stockpile Comp. Sample 19.	10/31	1513																						
20	Stockpile Comp. Sample 20.	10/31	1514																						

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
Hot Glass 0°C

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	10/31/02	1639	Mindi A. Walters	10-31-02	1659
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
Mindi A. Walters	11-1-02	0852	David M. Caudill	11/01/02	9:18

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGT
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505)397-4882 Fax No: (505)397-4701
Sampler Signature: Camille Reynolds

Project Name: DA4
Project #: EO 2075
Project Loc: Lea County NM
PO #:

0204898

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO3	Preservative: HCl	Preservative: NaOH	Preservative: H2SO4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TCLP TOTAL: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)
21	Stockpile Comp. Sample 21.	10/31	1523	1	X									X					X					
22	Stockpile Comp. Sample 22.	10/31	1525																					
23	Stockpile Comp. Sample 23.	10/31	1534																					
24	Stockpile Comp. Sample 24.	10/31	1535																					
25	Stockpile Comp. Sample 25.	10/31	1543																					
26	Stockpile Comp. Sample 26.	10/31	1544																					

2002

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 0°C
Laboratory Comments: 4oz GLASS

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	10/31/02	1639	Mindy Albers	10-31-02	1639
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
Mindy Albers	11-1-02	850	Dawn M. Faudree	11/01/02	9:18

FILE

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	Dar Angell 4
PO#:	
Order#:	G0205141
Report Date:	12/04/2002

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0205141
Project: EO2075
Project Name: Dar Angell 4
Location: Lea County, NM

Lab ID: 0205141-55
Sample ID: Stockpile Sample 27

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
.		11/30/02	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	100%	70	130
1-Chlorooctadecane	92%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0003922-02		12/1/02 20:01	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Ethylbenzene	<0.025	0.025
Toluene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	113%	80	120
Bromofluorobenzene	118%	80	120

Approval: Raland K Tuttle 12-10-02
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0205141

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003925-02			<10.0		
TOTAL, C6-C35-mg/kg	0003929-02			<10.0		
TOTAL, C6-C35-mg/kg	0003930-02			<10.0		
TOTAL, C6-C35-mg/kg	0003944-02			<10.0		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0205127-01	0	952	799	83.9%	
TOTAL, C6-C35-mg/kg	0205141-11	0	952	1030	108.2%	
TOTAL, C6-C35-mg/kg	0205141-33	0	952	1080	113.4%	
TOTAL, C6-C35-mg/kg	0205141-42	0	952	1080	113.4%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0205127-01	0	952	945	99.3%	16.7%
TOTAL, C6-C35-mg/kg	0205141-11	0	952	995	104.5%	3.5%
TOTAL, C6-C35-mg/kg	0205141-33	0	952	1020	107.1%	5.7%
TOTAL, C6-C35-mg/kg	0205141-42	0	952	1240	130.3%	13.8%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0003925-05		1000	1060	106.%	
TOTAL, C6-C35-mg/kg	0003929-05		1000	964	96.4%	
TOTAL, C6-C35-mg/kg	0003930-05		1000	984	98.4%	
TOTAL, C6-C35-mg/kg	0003944-05		1000	1040	104.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0205141

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0003920-02			<0.025		
Benzene-mg/kg	0003921-02			<0.025		
Benzene-mg/kg	0003922-02			<0.025		
Ethylbenzene-mg/kg	0003920-02			<0.025		
Ethylbenzene-mg/kg	0003921-02			<0.025		
Ethylbenzene-mg/kg	0003922-02			<0.025		
Toluene-mg/kg	0003920-02			<0.025		
Toluene-mg/kg	0003921-02			<0.025		
Toluene-mg/kg	0003922-02			<0.025		
p/m-Xylene-mg/kg	0003920-02			<0.025		
p/m-Xylene-mg/kg	0003921-02			<0.025		
p/m-Xylene-mg/kg	0003922-02			<0.025		
o-Xylene-mg/kg	0003920-02			<0.025		
o-Xylene-mg/kg	0003921-02			<0.025		
o-Xylene-mg/kg	0003922-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0205141-20	0	0.1	0.091	91.%	
Benzene-mg/kg	0205141-40	0.096	2.5	2.69	103.8%	
Benzene-mg/kg	0205141-55	0	0.105	0.104	99.%	
Ethylbenzene-mg/kg	0205141-20	0	0.1	0.096	96.%	
Ethylbenzene-mg/kg	0205141-40	0.658	2.5	3.39	109.3%	
Ethylbenzene-mg/kg	0205141-55	0	0.105	0.107	101.9%	
Toluene-mg/kg	0205141-20	0	0.1	0.095	95.%	
Toluene-mg/kg	0205141-40	0.355	2.5	3.15	111.8%	
Toluene-mg/kg	0205141-55	0	0.105	0.106	101.%	
p/m-Xylene-mg/kg	0205141-20	0	0.2	0.203	101.5%	
p/m-Xylene-mg/kg	0205141-40	2.26	5	7.79	110.6%	
p/m-Xylene-mg/kg	0205141-55	0	0.21	0.226	107.6%	
o-Xylene-mg/kg	0205141-20	0	0.1	0.096	96.%	
o-Xylene-mg/kg	0205141-40	0.906	2.5	3.63	109.%	
o-Xylene-mg/kg	0205141-55	0	0.105	0.108	102.9%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0205141-20	0	0.1	0.097	97.%	6.4%
Benzene-mg/kg	0205141-40	0.096	2.5	2.66	102.6%	1.1%
Benzene-mg/kg	0205141-55	0.104	0.105	0.104	99.%	0.%
Ethylbenzene-mg/kg	0205141-20	0	0.1	0.101	101.%	5.1%
Ethylbenzene-mg/kg	0205141-40	0.658	2.5	3.42	110.5%	0.9%
Ethylbenzene-mg/kg	0205141-55	0.107	0.105	0.108	102.9%	0.9%

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0205141

MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Toluene-mg/kg	0205141-20	0	0.1	0.100	100.%	5.1%
Toluene-mg/kg	0205141-40	0.355	2.5	3.13	111.%	0.6%
Toluene-mg/kg	0205141-55	0.106	0.105	0.107	101.9%	0.9%
p/m-Xylene-mg/kg	0205141-20	0	0.2	0.213	106.5%	4.8%
p/m-Xylene-mg/kg	0205141-40	2.26	5	7.93	113.4%	1.8%
p/m-Xylene-mg/kg	0205141-55	0.226	0.21	0.227	108.1%	0.4%
o-Xylene-mg/kg	0205141-20	0	0.1	0.102	102.%	6.1%
o-Xylene-mg/kg	0205141-40	0.906	2.5	3.68	111.%	1.4%
o-Xylene-mg/kg	0205141-55	0.108	0.105	0.107	101.9%	0.9%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0003920-05		0.1	0.100	100.%	
Benzene-mg/kg	0003921-05		0.1	0.100	100.%	
Benzene-mg/kg	0003922-05		0.1	0.101	101.%	
Ethylbenzene-mg/kg	0003920-05		0.1	0.103	103.%	
Ethylbenzene-mg/kg	0003921-05		0.1	0.102	102.%	
Ethylbenzene-mg/kg	0003922-05		0.1	0.105	105.%	
Toluene-mg/kg	0003920-05		0.1	0.103	103.%	
Toluene-mg/kg	0003921-05		0.1	0.102	102.%	
Toluene-mg/kg	0003922-05		0.1	0.104	104.%	
p/m-Xylene-mg/kg	0003920-05		0.2	0.218	109.%	
p/m-Xylene-mg/kg	0003921-05		0.2	0.218	109.%	
p/m-Xylene-mg/kg	0003922-05		0.2	0.222	111.%	
o-Xylene-mg/kg	0003920-05		0.1	0.105	105.%	
o-Xylene-mg/kg	0003921-05		0.1	0.103	103.%	
o-Xylene-mg/kg	0003922-05		0.1	0.106	106.%	

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0205141

Project: Dar Angell 4

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

SAMPLE ID	LAB ID	MATRIX	Date Collected	Date Received
RW-9 Surface	0205141-01	SOIL	11/19/2002	11/27/2002
RW-9 10'	0205141-02	SOIL	11/19/2002	11/27/2002
RW-9 20'	0205141-03	SOIL	11/19/2002	11/27/2002
RW-9 30'	0205141-04	SOIL	11/19/2002	11/27/2002
RW-9 40'	0205141-05	SOIL	11/19/2002	11/27/2002
RW-9 50'	0205141-06	SOIL	11/19/2002	11/27/2002
RW-9 60'	0205141-07	SOIL	11/19/2002	11/27/2002
RW-9 65'	0205141-08	SOIL	11/19/2002	11/27/2002
RW-10 Surface	0205141-09	SOIL	11/20/2002	11/27/2002
RW-10 10'	0205141-10	SOIL	11/20/2002	11/27/2002
RW-10 20'	0205141-11	SOIL	11/20/2002	11/27/2002
RW-10 30'	0205141-12	SOIL	11/20/2002	11/27/2002
RW-10 40'	0205141-13	SOIL	11/20/2002	11/27/2002
RW-10 50'	0205141-14	SOIL	11/20/2002	11/27/2002
RW-10 60'	0205141-15	SOIL	11/20/2002	11/27/2002
RW-10 65'	0205141-16	SOIL	11/20/2002	11/27/2002
RW-11 Surface	0205141-17	SOIL	11/21/2002	11/27/2002
RW-11 10'	0205141-18	SOIL	11/21/2002	11/27/2002
RW-11 20'	0205141-19	SOIL	11/21/2002	11/27/2002
RW-11 30'	0205141-20	SOIL	11/21/2002	11/27/2002
RW-11 40'	0205141-21	SOIL	11/21/2002	11/27/2002
RW-11 50'	0205141-22	SOIL	11/21/2002	11/27/2002
RW-11 60'	0205141-23	SOIL	11/21/2002	11/27/2002
RW-11 65'	0205141-24	SOIL	11/21/2002	11/27/2002
RW-12 Surface	0205141-25	SOIL	11/21/2002	11/27/2002
RW-12 10'	0205141-26	SOIL	11/21/2002	11/27/2002
RW-12 20'	0205141-27	SOIL	11/21/2002	11/27/2002
RW-12 30'	0205141-28	SOIL	11/21/2002	11/27/2002

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0205141

Project: Dar Angell 4

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

RW-12 40'	0205141-29	SOIL	11/21/2002	11/27/2002
RW-12 50'	0205141-30	SOIL	11/21/2002	11/27/2002
RW-12 59'	0205141-31	SOIL	11/21/2002	11/27/2002
RW-12 64'	0205141-32	SOIL	11/21/2002	11/27/2002
RW-13 Surface	0205141-33	SOIL	11/22/2002	11/27/2002
RW-13 10'	0205141-34	SOIL	11/22/2002	11/27/2002
RW-13 20'	0205141-35	SOIL	11/22/2002	11/27/2002
RW-13 30'	0205141-36	SOIL	11/22/2002	11/27/2002
RW-13 40'	0205141-37	SOIL	11/22/2002	11/27/2002
RW-13 50'	0205141-38	SOIL	11/22/2002	11/27/2002
RW-13 59'	0205141-39	SOIL	11/22/2002	11/27/2002
RW-13 64'	0205141-40	SOIL	11/22/2002	11/27/2002
MW-14 0-2'	0205141-41	SOIL	11/25/2002	11/27/2002
MW-14 5-7'	0205141-42	SOIL	11/25/2002	11/27/2002
MW-14 10-12'	0205141-43	SOIL	11/25/2002	11/27/2002
MW-14 15-17'	0205141-44	SOIL	11/25/2002	11/27/2002
MW-14 20-22'	0205141-45	SOIL	11/25/2002	11/27/2002
MW-14 25-27'	0205141-46	SOIL	11/25/2002	11/27/2002
MW-14 30-32'	0205141-47	SOIL	11/25/2002	11/27/2002
MW-14 35-37'	0205141-48	SOIL	11/25/2002	11/27/2002
MW-14 40-42'	0205141-49	SOIL	11/25/2002	11/27/2002
MW-14 45-47'	0205141-50	SOIL	11/25/2002	11/27/2002
MW-14 50-52'	0205141-51	SOIL	11/25/2002	11/27/2002
MW-14 55-57'	0205141-52	SOIL	11/25/2002	11/27/2002
MW-14 59-61'	0205141-53	SOIL	11/25/2002	11/27/2002
MW-14 64-66'	0205141-54	SOIL	11/25/2002	11/27/2002
Stockpile Sample 27	0205141-55	SOIL	11/26/2002	11/27/2002

CASE NARRATIVE

ENVIRONMENTAL LAB OF TEXAS

Prepared for:

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0205141

Project: Dar Angell 4

The following samples were received as indicated below and on the attached Chain of Custody record. All analyses were performed within the holding time and with acceptable quality control results unless otherwise noted.

Surrogate recoveries on the 8021B BTEX are outside control limits due to matrix interference from coeluting compounds. (0205141-07,08,15,16,23,24,31,32,39,40)

Surrogate recoveries on the 8015M TPH are outside control limits due to matrix interference from coeluting compounds. (0205141-07,23)

The enclosed results of analyses are representative of the samples as received by the laboratory. Environmental Lab of Texas makes no representations or certifications as to the methods of sample collection, sample identification, or transportation handling procedures used prior to our receipt of samples. To the best of my knowledge, the information contained in this report is accurate and complete.

Approved By: Roland K Tuttle Date: 12-10-02

Environmental Lab of Texas I, Ltd.

COC # 201
pag 1 of 1e

Environmental Lab of Texas, Inc.

2600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGF
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 397-4882 Fax No: (505) 397-4701
Sampler Signature: Camille Reynolds

Project Name: Darr Angell 4
Project #: EO 2075
Project Loc: Lea County, NM
PO #:

205141 # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other / Specify	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP / TOTAL: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 5015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
01	RW-9 Surface	11/19	1400	1	X									X					X				X		X
02	RW-9 10'		1419																						
03	RW-9 20'		1427																						
04	RW-9 30'		1442																						
05	RW-9 40'		1500																						
06	RW-9 50'		1518																						
07	RW-9 60'		1536																						
08	RW-9 65'		1550																						
09	RW-10 Surface	11/20	1149																						
10	RW-10 10'		1209																						

Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 1.5 C
Laboratory Comments: 4oz GLASS

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	11/27/02	0800		11/27/02	08:00
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	11/27/02	14:15	Maura Caudill	11/27/02	1420

COC # 201
page 2 of 6

Environmental Lab of Texas, Inc.

600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505)397-4882 Fax No: (505)397-4701
Sampler Signature: Camille Reynolds

Project Name: Darr Angell 4
Project #: EO 2075
Project Loc: Lea County, NM
PO #:

205141 (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP/TOTAL: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	PUSH TAT (Pre-Schedule)	Standard TAT
11	RW-10 20'	11/20	1231	1	X									X					X				X		X
12	RW-10 30'	11/20	1242																						
13	RW-10 40'	11/20	1317																						
14	RW-10 50'	11/20	1339																						
15	RW-10 60'	11/20	1401																						
16	RW-10 65'	11/20	1409																						
17	RW-11 Surface	11/21	0818																						
18	RW-11 10'	11/21	0824																						
19	RW-11 20'	11/21	0835																						
20	RW-11 30'	11/21	0844																						

Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 1.5 C
Laboratory Comments: 40 ml GLASS

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	11/27/02	0800		11/27/02	08:00
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	11/27/02	1415		11/27/02	1420

page 3 of 6

nvironmental Lab of Texas, Inc.

00 West I-20 East
ssa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGT
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505)397-4882 Fax No: (505)397-4701
Sampler Signature: Camille Reynolds

Project Name: Darr Angell 4
Project #: EO 2075
Project Loc: Lea County, NM
PO #:

205141
(lab use only)

	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Scheduled)	Standard TAT
21	Rw-11 40'	11/21/2002	0916	1	X									X					X				X		X
22	Rw-11 50'		0938																						
23	Rw-11 60'		1000																						
24	Rw-11 65'		1009																						
25	Rw-12 Surface		1239																						
26	Rw-12 10'		1250																						
27	Rw-12 20'		1312																						
28	Rw-12 30'		1331																						
29	Rw-12 40'		1358																						
30	Rw-12 50'		1409																						

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments:
1.5 C
4 oz GLASS

ial Instructions:

quished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	11/27/02	0800	Eli Tayden	11/27/02	0800
quished by:	Date	Time	Received by ELOT:	Date	Time
	11/27/02	14:15	Maura Caudill	11/27/02	1420

Environmental Lab of Texas, Inc.

600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505)397-4882 Fax No: (505)397-4701
Sampler Signature: Camille Reynolds

Project Name: DAFF Angell 4
Project #: E02075
Project Loc: Lea County, NM
PO #:

Lab I.D. # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP / TOTAL: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
205141		2002																							
31	RW-12 59'	11/21	1427	1	X									X					X				X		X
32	RW-12 64'	11/21	1436																						
33	RW-13 Surface	11/22	1148																						
34	RW-13 40'		1210																						
35	RW-13 20'		1224																						
36	RW-13 30'		1241																						
37	RW-13 40'		1317																						
38	RW-13 50'		1330																						
39	RW-13 59'		1354																						
40	RW-13 64'		1402																						

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 1.5 C
Laboratory Comments: 4 oz GLASS

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	11/27/02	0800	Elaine Swyden	11/27/02	0800
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	11/27/02	14:15	Maura Caudill	11/27/02	1420

Environmental Lab of Texas, Inc.

600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505)397-4882 Fax No: (505)397-4701
Sampler Signature: Camille Reynolds

Project Name: Darr Angell #4
Project #: E02075
Project Loc: Lea County, NM
PO #:

205144 # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TDS / Cl / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030									RUSH TAT (Pre-Schedule)	Standard TAT
		2002														TCLP / TOTAL																		
41	MW-14 0-2'	11/25	1059	1	X									X					X				X										X
42	MW-14 5'-7'		1108																														
43	MW-14 10'-12'		1116																														
44	MW-14 15'-17'		1122																														
45	MW-14 20'-22'		N28																														
46	MW-14 25'-27'		1142																														
47	MW-14 30'-32		1150																														
48	MW-14 35'-37'		1209																														
49	MW-14 40'-42'		1257																														
50	MW-14 45-47'		1318																														

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 1.5 C 4 oz GLASS
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	11/27/02	0800	Eb Jay	11/27/02	0800
Relinquished by	Date	Time	Received by ELOT:	Date	Time
D. Re	11/27/02	14:15	Maura Candelo	11/27/02	1420

Environmental Lab of Texas, Inc.

Pacific Gale

2600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505)397-4882 Fax No: (505)397-4701
Sampler Signature: Camille Reynolds

Project Name: Dart Angell 4
Project #: 20 2075
Project Loc: Lea County, NM
PO #:

Lab # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify)	Analyze For: TCLP: TDS / CL / SAR / EC	TOTAL: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
0205141		2002																								
51	mw-14 50'-52'	11/25	1339	1	X									X						X				X		X
52	mw-14 55'-57'		1359																							
53	mw-14 59'-61'		1418																							
54	mw-14 64'-66'		1429																							
55	Stockpile Sample 27	11/26	1536	1	X									X						X				X		X

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 1.5°C
Laboratory Comments: 4 oz GLASS

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	11/27/02	0800		11/27/02	0800
Relinquished by	Date	Time	Received by ELOT:	Date	Time
	11/27/02	14:15	Maura Caudill	11/27/02	1430

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	Darr Angell 4
PO#:	
Order#:	G0305387
Report Date:	01/07/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0305387
Project: EO 2075
Project Name: Darr Angell 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305387-01	SP-28	SOIL	1/3/03 8:10	1/3/03 17:25	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					
0305387-02	SP-29	SOIL	1/3/03 8:25	1/3/03 17:25	4 oz glass	Ice
	Lab Testing:	Rejected: No		Temp: 1.5 C		
	8015M					
	8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305387
Project: EO 2075
Project Name: Darr Angell 4
Location: Lea County, NM

Lab ID: 0305387-01
Sample ID: SP-28

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/6/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	<10.0	10.0
TOTAL, C6-C35	<10.0	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	80%	70	130
1-Chlorooctadecane	78%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004259-02		1/6/03 13:12	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	80%	80	120
Bromofluorobenzene	97%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#:	G0305387
Project:	EO 2075
Project Name:	Darr Angell 4
Location:	Lea County, NM

Lab ID: 0305387-02
Sample ID: SP-29

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/6/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	194	10.0
TOTAL, C6-C35	194	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	84%	70	130
1-Chlorooctadecane	84%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004259-02		1/6/03 13:34	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	80%	80	120
Bromofluorobenzene	110%	80	120

Approval: Jeanne McMurrey 01-07-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305387

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004262-02			<10.0		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0305387-01	0	952	802	84.2%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0305387-01	0	952	815	85.6%	1.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004262-05		1000	800	80.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305387

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004259-02			<0.025		
Toluene-mg/kg	0004259-02			<0.025		
Ethylbenzene-mg/kg	0004259-02			<0.025		
p/m-Xylene-mg/kg	0004259-02			<0.025		
o-Xylene-mg/kg	0004259-02			<0.025		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0305387-01	0	0.1	0.097	97.%	
Toluene-mg/kg	0305387-01	0	0.1	0.096	96.%	
Ethylbenzene-mg/kg	0305387-01	0	0.1	0.102	102.%	
p/m-Xylene-mg/kg	0305387-01	0	0.2	0.210	105.%	
o-Xylene-mg/kg	0305387-01	0	0.1	0.111	111.%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0305387-01	0	0.1	0.104	104.%	7.%
Toluene-mg/kg	0305387-01	0	0.1	0.104	104.%	8.%
Ethylbenzene-mg/kg	0305387-01	0	0.1	0.108	108.%	5.7%
p/m-Xylene-mg/kg	0305387-01	0	0.2	0.219	109.5%	4.2%
o-Xylene-mg/kg	0305387-01	0	0.1	0.111	111.%	0.%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
Benzene-mg/kg	0004259-05		0.1	0.104	104.%	
Toluene-mg/kg	0004259-05		0.1	0.106	106.%	
Ethylbenzene-mg/kg	0004259-05		0.1	0.103	103.%	
p/m-Xylene-mg/kg	0004259-05		0.2	0.207	103.5%	
o-Xylene-mg/kg	0004259-05		0.1	0.100	100.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 397-4882 Fax No: (505) 397-4701
Sampler Signature: Camille Reynolds

Project Name: DAFF Angell 4
Project #: E02075
Project Loc: Lea County, NM
PO #:

030538?

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers 4oz glass	Preservative: Ice	HNO3	HCl	MeOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP TOTAL: TCLP SVOC / TCL SVOC	TPH 418.1	TPH TX 1005/1005	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
01	SP-28	1-3	0810	1	X									X					X				X		X
02	SP-29	1-3	0825	↓	↓									↓					↓				↓		↓

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: Rec 1.5°C

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	1-3-03	1445		1/3/03	1445
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
	1/3/03	1725	Rec. JL	1-3-03	1725

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	Darr Angell #4
PO#:	
Order#:	G0305434
Report Date:	01/13/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0305434
Project: EO 2075
Project Name: Darr Angell #4
Location: Lea Co., NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305434-01	SP-30	SOIL	1/9/03 10:00	1/10/03 8:35	4 oz Glass	Ice

Lab Testing: **Rejected:** No **Temp:** -0.5 C

8015M
8021B/5030 BTEX

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds		Order#:	G0305434
Environmental Technology Group, Inc.		Project:	EO 2075
2540 W. Marland		Project Name:	Darr Angell #4
Hobbs, NM 88240		Location:	Lea Co., NM

Lab ID: 0305434-01
Sample ID: SP-30

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/10/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	65.3	10.0
TOTAL, C6-C35	65.3	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	82%	70	130
1-Chlorooctadecane	87%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004321-02		1/11/03 16:45	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	91%	80	120
Bromofluorobenzene	92%	80	120

Approval: Jeanne McMurrey 01-13-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305434

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004323-02			<10.0		
CONTROL SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004323-03		952	895	94.%	
CONTROL DUP SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004323-04		952	901	94.6%	0.7%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004323-05		1000	891	89.1%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305434

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004321-02			<0.025		
Toluene-mg/kg	0004321-02			<0.025		
Ethylbenzene-mg/kg	0004321-02			<0.025		
p/m-Xylene-mg/kg	0004321-02			<0.025		
o-Xylene-mg/kg	0004321-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305435-12	0	0.1	0.102	102.%	
Toluene-mg/kg	0305435-12	0	0.1	0.108	108.%	
Ethylbenzene-mg/kg	0305435-12	0	0.1	0.113	113.%	
p/m-Xylene-mg/kg	0305435-12	0	0.2	0.234	117.%	
o-Xylene-mg/kg	0305435-12	0	0.1	0.110	110.%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305435-12	0	0.1	0.102	102.%	0.%
Toluene-mg/kg	0305435-12	0	0.1	0.105	105.%	2.8%
Ethylbenzene-mg/kg	0305435-12	0	0.1	0.113	113.%	0.%
p/m-Xylene-mg/kg	0305435-12	0	0.2	0.227	113.5%	3.%
o-Xylene-mg/kg	0305435-12	0	0.1	0.111	111.%	0.9%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004321-05		0.1	0.101	101.%	
Toluene-mg/kg	0004321-05		0.1	0.105	105.%	
Ethylbenzene-mg/kg	0004321-05		0.1	0.106	106.%	
p/m-Xylene-mg/kg	0004321-05		0.2	0.227	113.5%	
o-Xylene-mg/kg	0004321-05		0.1	0.107	107.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 397-4882 Fax No (505) 397-4701
Sampler Signature:

Project Name: Darr Angell #4
Project #: EO 2075
Project Loc: Lea County, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP / TOTAL: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT Pre-Schedule	Standard TAT
0305434 01	SP-30	1/9/2003	10:00	1	X									X					X				X		X

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: -0.5C
Laboratory Comments: 4oz Glass

Relinquished by:	Date	Time	Received by:	Date	Time
	2/10/03				
Relinquished by:	Date	Time	Received by ELOT: Dawn Caudill	Date 1/10/03	Time 0835

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
E.T.G.I.
2540 W. Marland
Hobbs, NM 88240

Project:	Darr Angell 4
PO#:	
Order#:	G0305466
Report Date:	01/20/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

E.T.G.I.
2540 W. Marland
Hobbs, NM 88240
915-520-4310

Order#: G0305466
Project: EO 2075
Project Name: Darr Angell 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305466-01	S.D. 31	SOIL	1/13/03 10:12	1/15/03 14:42	4 oz glass	Ice

Lab Testing:
8015M
8021B/5030 BTEX

Rejected: No **Temp:** 14.5 C

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
E.T.G.I.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305466
Project: EO 2075
Project Name: Darr Angell 4
Location: Lea County, NM

Lab ID: 0305466-01
Sample ID: S.D. 31

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		1/15/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	120	10.0
TOTAL, C6-C35	120	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	93%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004393-02		1/20/03 10:44	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	94%	80	120
Bromofluorobenzene	100%	80	120

Approval: Raland K Tuttle 1-21-03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305466

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004368-02			<10.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305466-01	120	952	1070	99.8%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305466-01	120	952	1080	100.8%	0.9%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004368-05		1000	758	75.8%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305466

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004393-02			<0.025		
Toluene-mg/kg	0004393-02			<0.025		
Ethylbenzene-mg/kg	0004393-02			<0.025		
p/m-Xylene-mg/kg	0004393-02			<0.025		
o-Xylene-mg/kg	0004393-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305466-01	0	0.1	0.086	86.%	
Toluene-mg/kg	0305466-01	0	0.1	0.089	89.%	
Ethylbenzene-mg/kg	0305466-01	0	0.1	0.094	94.%	
p/m-Xylene-mg/kg	0305466-01	0	0.2	0.202	101.%	
o-Xylene-mg/kg	0305466-01	0	0.1	0.093	93.%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305466-01	0	0.1	0.090	90.%	4.5%
Toluene-mg/kg	0305466-01	0	0.1	0.092	92.%	3.3%
Ethylbenzene-mg/kg	0305466-01	0	0.1	0.097	97.%	3.1%
p/m-Xylene-mg/kg	0305466-01	0	0.2	0.206	103.%	2.%
o-Xylene-mg/kg	0305466-01	0	0.1	0.094	94.%	1.1%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004393-05		0.1	0.109	109.%	
Toluene-mg/kg	0004393-05		0.1	0.110	110.%	
Ethylbenzene-mg/kg	0004393-05		0.1	0.109	109.%	
p/m-Xylene-mg/kg	0004393-05		0.2	0.228	114.%	
o-Xylene-mg/kg	0004393-05		0.1	0.110	110.%	

Environmental Lab of Texas, Inc.

12600 West I-20 East
Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs, NM 88240
Telephone No: (505) 397-4882
Fax No: (505) 397-4724
Sampler Signature: Marcela Campos

Project Name: Darr Angell 4
Project #: E02075
Project Loc: Lea County, NM
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TDS/Cl/SAR/EC	TPH 418.1	TPH TX 1005/1006	TPH 8015M GRO/DRO	TCLP: Metals: As Ag Ba Cd Cr Pb Hg Se	TCLP: Volatiles	TCLP: Semivolatiles	TOTAL: BTEX 8021B/5030	RUSH TAT (Pre-Scheduled)	Standard TAT
0305466		2003																							
01	S.D. 31	1/13	1012	1	X									X					X				X		X

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: 14.5 °C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Marcela Campos	1/16/03	14:42			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Ellen Keene	1/15/03	14:42

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	Darr Angell 4
PO#:	EO 2075
Order#:	G0305754
Report Date:	02/26/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0305754
Project:
Project Name: Darr Angell 4
Location: Lea County

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305754-01	SP 32	SOIL	2/11/03 13:30	2/19/03 17:00	4 oz Glass	Ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 0.5 C		
0305754-02	SP 33	SOIL	2/11/03 13:50	2/19/03 17:00	4 oz Glass	Ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 0.5 C		
0305754-03	SP 34	SOIL	2/11/03 13:43	2/19/03 17:00	4 oz Glass	Ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 0.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305754
Project:
Project Name: Darr Angell 4
Location: Lea County

Lab ID: 0305754-01
Sample ID: SP 32

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	152	10.0
TOTAL, C6-C35	152	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	94%	70	130
1-Chlorooctadecane	95%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004740-02		2/24/103 10:24	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.034	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	88%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305754
Project:
Project Name: Darr Angell 4
Location: Lea County

Lab ID: 0305754-02
Sample ID: SP 33

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	170	10.0
TOTAL, C6-C35	170	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	105%	70	130
1-Chlorooctadecane	110%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004740-02		2/24/103 16:29	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	0.056	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	81%	80	120
Bromofluorobenzene	87%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305754
Project:
Project Name: Darr Angell 4
Location: Lea County

Lab ID: 0305754-03
Sample ID: SP 34

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	32.5	10.0
DRO, >C12-C35	366	10.0
TOTAL, C6-C35	398	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	108%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004740-02		2/25/03 17:53	1	25	RKT	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	0.028	0.025
p/m-Xylene	0.045	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	106%	80	120
Bromofluorobenzene	101%	80	120

Approval: Raland K Tuttle 2-28-03
Raland K. Tuttle, Lab Director, QA Officer Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305754

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004703-02			<10.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305754-01	152	952	1040	93.3%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305754-01	152	952	890	77.5%	15.5%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004703-05		1000	971	97.1%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305754

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004740-02			<0.025		
Toluene-mg/kg	0004740-02			<0.025		
Ethylbenzene-mg/kg	0004740-02			<0.025		
p/m-Xylene-mg/kg	0004740-02			<0.025		
o-Xylene-mg/kg	0004740-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305784-07	0	2.5	2.50	100.%	
Toluene-mg/kg	0305784-07	0	2.5	2.51	100.4%	
Ethylbenzene-mg/kg	0305784-07	0	2.5	2.52	100.8%	
p/m-Xylene-mg/kg	0305784-07	0	5	4.96	99.2%	
o-Xylene-mg/kg	0305784-07	0	2.5	2.49	99.6%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305784-07	0	2.5	2.92	116.8%	15.5%
Toluene-mg/kg	0305784-07	0	2.5	2.90	116.%	14.4%
Ethylbenzene-mg/kg	0305784-07	0	2.5	2.80	112.%	10.5%
p/m-Xylene-mg/kg	0305784-07	0	5	5.54	110.8%	11.%
o-Xylene-mg/kg	0305784-07	0	2.5	2.74	109.6%	9.6%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004740-05		0.1	0.088	88.%	
Toluene-mg/kg	0004740-05		0.1	0.091	91.%	
Ethylbenzene-mg/kg	0004740-05		0.1	0.087	87.%	
p/m-Xylene-mg/kg	0004740-05		0.2	0.186	93.%	
o-Xylene-mg/kg	0004740-05		0.1	0.088	88.%	

Environmental Technology Group, Inc
Environmental Consulting & Remediation Services

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
East Business 20
TX 79702
(915) 687-3400
(915) 582-2781

5805
Midland,
Tel
Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: CAMILLE REYNOLDS
Project Name: DAT ANGEL 4
Project Location: LEA COUNTY

EOTT Leak Number: 2001-10876
ETGI Project Number: E02075
Sampler Signature: Rodd Anderson

LAB # (Lab Use Only) 030554-	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
01	SP32	1			X						X		2/11	13:30	X		X									
02	SP 33	1			X						X		2/11	13:50	X		X									
03	SP 34	1			X						X		2/11	13:43	X		X									

Relinquished by: Rodd Anderson 2/11 Date: Time: 15:55

Received by: Date: 2/19/03 Time: 1555 15:55

Relinquished by: Date: 2/19/03 Time: 1700

Received at Lab by: Date: 2/19/03 Time: 17:00

REMARKS: 0.5°C

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	DAT Angel 4
PO#:	EO2075
Order#:	G0305846
Report Date:	03/05/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305846-01	SP-35	SOIL	2/28/03 9:26	2/28/03 15:25	4 oz jar	ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 5.0 C		
0305846-02	SP-36	SOIL	2/28/03 9:19	2/28/03 15:25	4 oz jar	ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 5.0 C		
0305846-03	SP-37	SOIL	2/28/03 9:05	2/28/03 15:25	4 oz jar	ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 5.0 C		
0305846-04	SP-38	SOIL	2/28/03 10:10	2/28/03 15:25	4 oz jar	ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 5.0 C		
0305846-05	SP-39	SOIL	2/28/03 10:05	2/28/03 15:25	4 oz jar	ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 5.0 C		
0305846-06	SP-40	SOIL	2/28/03 9:59	2/28/03 15:25	4 oz jar	ice
	Lab Testing: 8015M 8021B/5030 BTEX	**Rejected:** No		**Temp:** 5.0 C		
0305846-07	SP-41	SOIL	2/28/03 9:55	2/28/03 15:25	4 oz jar	ice
	Lab Testing:	**Rejected:** No		**Temp:** 5.0 C		

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
	8015M 8021B/5030 BTEX					
0305846-08	SP-42	SOIL	2/28/03 9:47	2/28/03 15:25	4 oz jar	ice
	Lab Testing:	**Rejected:** No		**Temp:** 5.0 C		
	8015M 8021B/5030 BTEX					
0305846-09	SP-43	SOIL	2/28/03 10:00	2/28/03 15:25	4 oz jar	ice
	Lab Testing:	**Rejected:** No		**Temp:** 5.0 C		
	8015M 8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-01
Sample ID: SP-35

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	26.9	10.0
DRO, >C12-C35	284	10.0
TOTAL, C6-C35	311	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	98%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 13:59	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	97%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-02
Sample ID: SP-36

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	17.6	10.0
DRO, >C12-C35	246	10.0
TOTAL, C6-C35	264	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	96%	70	130
1-Chlorooctadecane	96%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 14:19	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	83%	80	120
Bromofluorobenzene	89%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-03
Sample ID: SP-37

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	17.4	10.0
DRO, >C12-C35	300	10.0
TOTAL, C6-C35	317	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	111%	70	130
1-Chlorooctadecane	112%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 14:39	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	81%	80	120
Bromofluorobenzene	86%	80	120

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ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-04
Sample ID: SP-38

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	58.3	10.0
TOTAL, C6-C35	58.3	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	98%	70	130
1-Chlorooctadecane	93%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 14:59	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	86%	80	120
Bromofluorobenzene	90%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-05
Sample ID: SP-39

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	37.1	10.0
DRO, >C12-C35	367	10.0
TOTAL, C6-C35	404	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	92%	70	130
1-Chlorooctadecane	92%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 15:19	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	90%	80	120
Bromofluorobenzene	84%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-06
Sample ID: SP-40

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	18.5	10.0
DRO, >C12-C35	258	10.0
TOTAL, C6-C35	276	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	110%	70	130
1-Chlorooctadecane	113%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 15:39	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	93%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-07
Sample ID: SP-41

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	22.4	10.0
DRO, >C12-C35	325	10.0
TOTAL, C6-C35	347	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	103%	70	130
1-Chlorooctadecane	102%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 15:59	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	88%	80	120
Bromofluorobenzene	93%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-08
Sample ID: SP-42

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	**10.5**	10.0
DRO, >C12-C35	**206**	10.0
TOTAL, C6-C35	**216**	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	**101%**	**70**	**130**
1-Chlorooctadecane	**99%**	**70**	**130**

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 16:19	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	**<0.025**	0.025
Toluene	**<0.025**	0.025
Ethylbenzene	**<0.025**	0.025
p/m-Xylene	**<0.025**	0.025
o-Xylene	**<0.025**	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	**86%**	**80**	**120**
Bromofluorobenzene	**93%**	**80**	**120**

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305846
Project:
Project Name: DAT Angel 4
Location: Lea County

Lab ID: 0305846-09
Sample ID: SP-43

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/28/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	114	10.0
TOTAL, C6-C35	114	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	87%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0004839-02		3/4/03 16:39	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	87%	80	120
Bromofluorobenzene	87%	80	120

Approval: Celey D. Keene 3/5/03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305846

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004808-02			<10.0		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0305835-01	0	952	875	91.9%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0305835-01	0	952	809	85.%	7.8%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004808-05		1000	822	82.2%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0305846

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004839-02			<0.025		
Toluene-mg/kg	0004839-02			<0.025		
Ethylbenzene-mg/kg	0004839-02			<0.025		
p/m-Xylene-mg/kg	0004839-02			<0.025		
o-Xylene-mg/kg	0004839-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305835-02	0	0.1	0.097	97.%	
Toluene-mg/kg	0305835-02	0	0.1	0.100	100.%	
Ethylbenzene-mg/kg	0305835-02	0	0.1	0.102	102.%	
p/m-Xylene-mg/kg	0305835-02	0	0.2	0.210	105.%	
o-Xylene-mg/kg	0305835-02	0	0.1	0.103	103.%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0305835-02	0	0.1	0.098	98.%	1.%
Toluene-mg/kg	0305835-02	0	0.1	0.100	100.%	0.%
Ethylbenzene-mg/kg	0305835-02	0	0.1	0.101	101.%	1.%
p/m-Xylene-mg/kg	0305835-02	0	0.2	0.208	104.%	1.%
o-Xylene-mg/kg	0305835-02	0	0.1	0.102	102.%	1.%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0004839-05		0.1	0.098	98.%	
Toluene-mg/kg	0004839-05		0.1	0.102	102.%	
Ethylbenzene-mg/kg	0004839-05		0.1	0.102	102.%	
p/m-Xylene-mg/kg	0004839-05		0.2	0.211	105.5%	
o-Xylene-mg/kg	0004839-05		0.1	0.105	105.%	

Environmental Technology Group, Inc
Environmental Consulting & Remediation Services

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
Tel (915) 522-1139
Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
East Business 20
TX 79702
(915) 687-3400
(915) 582-2781

5805
Midland,
Tel
Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: CAMILLE REYNOLDS
Project Name: DAT ANGEL 4
Project Location: LEA COUNTY
EOTT Leak Number:
ETGI Project Number: 802075
Sampler Signature:

ANALYSIS REQUEST
(Circle or Specify Method No.)

LAB # (Lab Use Only) 030586	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATION METHOD: HCL	HNO_3	$NaHSO_4$	ICE	NONE	SAMPLING: DATE	TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
-01	SP-35	1			X						X		2/28	9:26	X		X									
-02	SP-36	1											2/28	9:19												
-03	SP-37	1											2/28	9:05												
-04	SP-38	1											2/28	10:10												
-05	SP-39	1											2/28	10:05												
-06	SP-40	1											2/28	9:59												
-07	SP-41	1											2/28	9:55												
-08	SP-42	1											2/28	9:47												
-09	SP-43	1											2/28	10:00												

Relinquished by: Date: Time:
2/28/03 15:25

Received by: Date: Time:

Relinquished by: Date: Time:

Received at Lab by: Date: Time:
02-28-03 1525
Jane McMurrey

REMARKS: 5.0°C

ANALYTICAL REPORT

Prepared for:

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Project:	Darr Angell #4
PO#:	EO 2075
Order#:	G0306724
Report Date:	06/16/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242
505-394-4701

Order#: G0306724
Project:
Project Name: Darr Angell #4
Location: None Given

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0306724-01	SP-44	SOIL	6/11/03 15:30	6/13/03 12:05	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 0.5 C		
	8015M					
	8021B/5030 BTEX					
0306724-02	SP-45	SOIL	6/11/03 15:45	6/13/03 12:05	4 oz glass	Ice
	Lab Testing:	**Rejected:** No		**Temp:** 0.5 C		
	8015M					
	8021B/5030 BTEX					

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0306724
Project:
Project Name: Darr Angell #4
Location: None Given

Lab ID: 0306724-01
Sample ID: SP-44

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/14/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	135	10.0
TOTAL, C6-C35	135	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	95%	70	130
1-Chlorooctadecane	112%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005822-02		6/14/03 19:27	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	102%	80	120
Bromofluorobenzene	100%	80	120

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Robert Eidson
Environmental Technology Group, Inc.
2540 West Marland
Hobbs, NM 88242

Order#: G0306724
Project:
Project Name: Darr Angell #4
Location: None Given

Lab ID: 0306724-02
Sample ID: SP-45

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		6/14/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	13.3	10.0
DRO, >C12-C35	268	10.0
TOTAL, C6-C35	281	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	103%	70	130
1-Chlorooctadecane	125%	70	130

8021B/5030 BTEX

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
0005822-02		6/14/03 19:49	1	25	CK	8021B

Parameter	Result mg/kg	RL
Benzene	<0.025	0.025
Toluene	<0.025	0.025
Ethylbenzene	<0.025	0.025
p/m-Xylene	<0.025	0.025
o-Xylene	<0.025	0.025

Surrogates	% Recovered	QC Limits (%)	
aaa-Toluene	97%	80	120
Bromofluorobenzene	113%	80	120

Approval: Celey D. Keene 06/17/03
Raland K. Tuttle, Lab Director, QA Officer — Date
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0306724

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005821-02			<10.0		
CONTROL SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005821-03		952	1180	123.9%	
CONTROL DUP SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005821-04		952	1190	125.%	0.8%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0005821-05		1000	1220	122.%	

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8021B/5030 BTEX

Order#: G0306724

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0005822-02			<0.025		
Toluene-mg/kg	0005822-02			<0.025		
Ethylbenzene-mg/kg	0005822-02			<0.025		
p/m-Xylene-mg/kg	0005822-02			<0.025		
o-Xylene-mg/kg	0005822-02			<0.025		
MS SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0306724-01	0	0.1	0.092	92.%	
Toluene-mg/kg	0306724-01	0	0.1	0.094	94.%	
Ethylbenzene-mg/kg	0306724-01	0	0.1	0.100	100.%	
p/m-Xylene-mg/kg	0306724-01	0	0.2	0.213	106.5%	
o-Xylene-mg/kg	0306724-01	0	0.1	0.105	105.%	
MSD SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0306724-01	0	0.1	0.106	106.%	14.1%
Toluene-mg/kg	0306724-01	0	0.1	0.110	110.%	15.7%
Ethylbenzene-mg/kg	0306724-01	0	0.1	0.112	112.%	11.3%
p/m-Xylene-mg/kg	0306724-01	0	0.2	0.240	120.%	11.9%
o-Xylene-mg/kg	0306724-01	0	0.1	0.118	118.%	11.7%
SRM SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
Benzene-mg/kg	0005822-05		0.1	0.104	104.%	
Toluene-mg/kg	0005822-05		0.1	0.106	106.%	
Ethylbenzene-mg/kg	0005822-05		0.1	0.111	111.%	
p/m-Xylene-mg/kg	0005822-05		0.2	0.226	113.%	
o-Xylene-mg/kg	0005822-05		0.1	0.112	112.%	

CHAIN-OF-CUSTODY

WWW.ANALYSYSINC.COM

ANALYSYS INC.
3512 Montopolis Drive, Austin, TX 787
Phone: (512) 385-5886 Fax: (512) 385-7
2209 N.P.I.D., Ste K, Corpus Christi, TX 7
Phone: (361) 289-6384 Fax: (361) 289-0

Send Reports To:

Company Name Environmental Technology Group Inc.
Address 2540 W. Marland
City Hobbs State N.M. Zip 88240
ATTN: Robert Eidson
Phone (505) 397-4882 Fax (505) 397-4701

Bill to (if different):

Company Name Eott
Address
City State Zip
ATTN:
Phone Fax

Rush Status (must be confirmed with lab mgr.):
Project Name/PO#: EO 2075 Arc Angell #4 Sampler: Ross Anderson

Analyses Requested (1)
Please attach explanatory information as req

	Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	BTEX 8021b	TPH 8015m								Comment
01	SP-44	6-11-03	3:30	1	X				X	X								
02	SP-45	6-11-03	3:45	1	X			030624	X	X								

(1)Unless specifically requested otherwise on this Chain-of-custody and/or attached documentation, all analyses will be conducted using ASI's method of choice and all data will be reported to ASI's normal repo limits (MDL/PQL). For GC/MS volatiles and extractables, unless specific analytical parameter lists are specified on this chain-of-custody or attached to this chain-of-custody, ASI will default to Priority Polluta ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

0.5°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Ross Anderson	ETGI	6-12-03	12:30pm		EOTT	6-12-03	12:32
	STGI	6/13/03	12:05	Ross Anderson	ELOT	6-13-03	1205

[Tendering of above described samples to AnalySys, Inc. for analytical testing constitutes agreement by buyer/sampler to AnalySys, Inc.'s standard terms.]

ANALYTICAL REPORT

Prepared for:

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Project:	Darr Angell 4
PO#:	EO 2075
Order#:	G0305753
Report Date:	02/21/2003

Certificates
US EPA Laboratory Code TX00158

ENVIRONMENTAL LAB OF TEXAS

SAMPLE WORK LIST

Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240
505/397/4701

Order#: G0305753
Project:
Project Name: Darr Angell 4
Location: Lea County, NM

The samples listed below were submitted to Environmental Lab of Texas and were received under chain of custody. Environmental Lab of Texas makes no representation or certification as to the method of sample collection, sample identification, or transportation/handling procedures used prior to the receipt of samples by Environmental Lab of Texas, unless otherwise noted.

Lab ID:	Sample :	Matrix:	Date / Time Collected	Date / Time Received	Container	Preservative
0305753-01	West Wall-12	SOIL	2/11/03 14:00	2/19/03 17:00	4 oz Glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 0.5 C		
0305753-02	North Wall-10	SOIL	2/11/03 14:20	2/19/03 17:00	4 oz Glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 0.5 C		
0305753-03	North West Wall -11	SOIL	2/11/03 14:35	2/19/03 17:00	4 oz Glass	Ice
	Lab Testing: 8015M	Rejected: No		Temp: 0.5 C		

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305753
Project:
Project Name: Darr Angell 4
Location: Lea County, NM

Lab ID: 0305753-01
Sample ID: West Wall-12

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	<10.0	10.0
DRO, >C12-C35	17.5	10.0
TOTAL, C6-C35	17.5	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	91%	70	130
1-Chlorooctadecane	87%	70	130

Lab ID: 0305753-02
Sample ID: North Wall-10

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	484	10.0
DRO, >C12-C35	6,990	10.0
TOTAL, C6-C35	7,474	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	125%	70	130
1-Chlorooctadecane	128%	70	130

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

ANALYTICAL REPORT

Camille Reynolds
Environmental Technology Group, Inc.
2540 W. Marland
Hobbs, NM 88240

Order#: G0305753
Project:
Project Name: Darr Angell 4
Location: Lea County, NM

Lab ID: 0305753-03
Sample ID: North West Wall -11

8015M

Method Blank	Date Prepared	Date Analyzed	Sample Amount	Dilution Factor	Analyst	Method
		2/20/03	1	1	CK	8015M

Parameter	Result mg/kg	RL
GRO, C6-C12	341	10.0
DRO, >C12-C35	4,590	10.0
TOTAL, C6-C35	4,931	10.0

Surrogates	% Recovered	QC Limits (%)	
1-Chlorooctane	102%	70	130
1-Chlorooctadecane	102%	70	130

Approval: Celey D. Keene 2/21/03
Date

Raland K. Tuttle, Lab Director, QA Officer
Celey D. Keene, Org. Tech. Director
Jeanne McMurrey, Inorg. Tech. Director
Sandra Biezugbe, Lab Tech.
Sara Molina, Lab Tech.

DL = Diluted out N/A = Not Applicable RL = Reporting Limit

ENVIRONMENTAL LAB OF TEXAS

QUALITY CONTROL REPORT

8015M

Order#: G0305753

BLANK SOIL	LAB-ID #	Sample Concentr.	Spike Concentr.	QC Test Result	Pct (%) Recovery	RPD
TOTAL, C6-C35-mg/kg	0004703-02			<10.0		
MS SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305754-01	152	952	1040	93.3%	
MSD SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0305754-01	152	952	890	77.5%	15.5%
SRM SOIL	**LAB-ID #**	**Sample Concentr.**	**Spike Concentr.**	**QC Test Result**	**Pct (%) Recovery**	**RPD**
TOTAL, C6-C35-mg/kg	0004703-05		1000	971	97.1%	

Environmental Technology Group, Inc
Environmental Consulting & Remediation Services

For Use On **EOTT ENERGY CORP.** Projects Only

4600 West Wall
Midland, TX 79703
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Fax (915) 520-4310

2540 West Marland
Hobbs, NM 88242
Tel (505) 397-4882
Fax (505) 397-4701

EOTT ENERGY CORP.
East Business 20
TX 79702
(915) 687-3400
(915) 582-2781

5805
Midland,
Tel
Fax

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Project Manager: Camille Reynolds
EOTT Leak Number:
Project Name: Parr Angell 4
ETGI Project Number: EO 2075
Project Location: Lea County, NM
Sampler Signature: Camille Reynolds

LAB # (Lab Use Only)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	MATRIX: SOIL	MATRIX: AIR	MATRIX: SLUDGE	PRESERVATION METHOD: HCL	PRESERVATION METHOD: HNO_3	PRESERVATION METHOD: $NaHSO_4$	PRESERVATION METHOD: ICE	PRESERVATION METHOD: NONE	SAMPLING: DATE (2003)	SAMPLING: TIME	BTEX 8021B/5030	TPH 418.1/TX 1005	TPH 8015M GRO/DRO	PAH 8270C (8100 New Mexico only)	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/7470	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	Volatiles 8260B	Semi Volatiles 8270C	TDS 160.1	Cations/Anions 375.4/325.3
050753-																										
01	West Wall-12	1			X						X		2/11	1400			X									
02	North Wall-10	1			X						X		2/11	1420			X									
03	North west Wall-11	1			X						X		2/11	1435			X									

Relinquished by: Camille Reynolds Date: 2-19-03 Time: 1430
Received by: Date: 2/19/03 Time: 1430

Relinquished by: Date: 2/19/03 Time: 1700
Received at Lab by: Date: 2/19/03 Time: 17:00

REMARKS:
402. jar
0.5 °C

APPENDIX B:
Photographs

Looking West toward West Sidewall of Deep Excavation

Looking North, deep excavation in photo center

Looking Southeast toward South sidewall of deep excavation

Looking Northeast, North sidewall at photo left

APPENDIX C:
Form C-141

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

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 October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

OPERATOR

x Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact:	Camille Reynolds
Address:	3705 E. Hwy 158, Midland, TX 79706	Telephone No.	505-441-0965
Facility Name	Darr Angell # 4	Facility Type:	Steel Pipeline

Surface Owner: Darr Angell	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	11	15S	37E					Lea

Latitude 33 degrees 02' 17.4 N **Longitude** 103 degrees 10' 04.4" W

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 150 bbls	Volume Recovered 95 bbls
Source of Release: Steel Pipeline	Date and Hour of Occurrence 02/02/2001	Date and Hour of Discovery 02/02/2001 05:15 AM
Was Immediate Notice Given? Yes ☒ No ☐ Not Required	If YES, To Whom? Sylvia Dickey - NMOCD	
By Whom? Wayne Brunette	Date and Hour 02/02/01 05:20 AM	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* Internal corrosion of the pipeline.

Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. The aerial extent of surface impact was approximately 80' x 150'.
NOTE: This information was obtained from historical EOTT files, Plains acquired EOTT/Link on April 1, 2004 and Plains assumes this information to be correct.

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: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	Attached ☐
Date: 3/21/2005 Phone: (505)441-0965		

* Attach Additional Sheets If Necessary