1R - 420

WORKPLANS

DATE:
April 2008

SOIL CLOSURE PROPOSAL

TEXACO SKELLY "F"

SW ¼ NW ¼ SECTION 21, TOWNSHIP 20 SOUTH, RANGE 37 EAST
LEA COUNTY, NEW MEXICO
NMOCD Reference Number 1R-0420
Plains SRS #: 2002-11229

Prepared for:

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

NOVA
safety and environmental

Prepared by:

NOVA Safety and Environmental
2057 Commerce Drive
Midland, Texas 79703

April 2008

Ronald K. Rounsaville
Project Manager

Todd K. Choban, P.G.
Vice President, Technical Services

PLAINS PIPELINE

RECEIVED
2008 JUN 6 PM 1 34

May 27, 2008

Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Pipeline, L. P. Soil Closure Proposal
Texaco Skelly "F" Release Site
Unit Letter E of Section 21, Township 20 South, Range 37 East
Lea County, New Mexico
NMOCD Reference # 1R-0420

Dear Mr. Hansen,

Plains Pipeline, L. P. is pleased to submit the attached Soil Closure Proposal, dated April 2008, for the Texaco Skelly "F" release site located in Section 21 of Township 20 South, and Range 37 East of Lea County, New Mexico. This document details site activities conducted to date and future activities for soil closure of the site.

Should you have any questions or comments, please contact me at (505) 441-0965.

Sincerely,

Camille Bryant

Camille Bryant
Remediation Coordinator
Plains Pipeline

CC: Larry Johnson, NMOCD, Hobbs, NM

Enclosure

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1.0 INTRODUCTION AND PURPOSE

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) has prepared this Soil Closure Proposal for the site known as Texaco Skelly "F" (SRS # 2002-11229). The site is located in the SW ¼ of the NW ¼ of Section 21, Township 20 South, Range 37 East in Lea County, New Mexico. A site location map is provided as Figure 1. The Texaco Skelly "F" crude oil release was discovered September 15, 1998; the cause of the release was attributed to internal pipeline corrosion. The Release Notification and Corrective Action (Form C-141) is provided as Appendix D. Approximately thirty barrels of crude oil was released from a four inch pipeline with no recovery. The release resulted in a surface stain approximately thirty feet by one hundred feet oriented parallel to the pipeline. A site map depicting the locations of GeoProbe® borings, soil borings, monitor wells and recovery wells and other site details is provided as Figure 2. The purpose of this Soil Closure Proposal is to progress the site toward a New Mexico Oil Conservation Division (NMOCD) approved soil closure.

2.0 NMOCD– SITE CLASSIFICATION

The depth to groundwater in the on-site area is less than 50 feet bgs. Based on the NMOCD soil classification system, 20 points would be assigned to the site as a result of this criterion. There are no water wells located within 1,000 feet of the site. Based on the NMOCD Soil Classification System, 0 points would be assigned to the site as a result of this criterion. There are no surface-water features identified within a one-mile radius of the site. Based on the NMOCD Soil Classification System, 0 points would be assigned to the site as a result of this criterion. The NMOCD guidelines indicate that the site would have a Ranking Score of >19. The soil action levels for a site with a Ranking Score of >19 points are as follows:

- Benzene - 10 mg/Kg
- BTEX - 50 mg/Kg
- TPH - 100 mg/Kg

3.0 BACKGROUND INFORMATION

In December 2001, nineteen GeoProbe® borings (GP-1 through GP-19) were advanced to delineate the horizontal and vertical extent of soil impact. GeoProbe® borings GP-1 through GP-15 were located on the perimeter of the observed surface stain. Soil samples were collected at five foot intervals in each of the GeoProbe® borings and field evaluated using visual and olfactory techniques in addition to a Photo Ionization Detector (PID). The soil sample exhibiting the highest PID reading in each of the first fifteen GeoProbe® borings was submitted for Total Petroleum Hydrocarbon (TPH) analysis using EPA method SW846-8015b and Benzene, Toluene, Ethylbenzene and Xylene (BTEX) using EPA method 8021b. Analytical results indicated TPH concentrations were below the laboratory method detection limit (MDL) of 10 mg/Kg for all fifteen soil samples, with the exception of GeoProbe® boring GP-9 which exhibited a TPH concentration of 37 mg/Kg TPH and GeoProbe® boring GP-5 which exhibited a TPH concentration of 58 mg/Kg TPH. Analytical results indicated benzene concentrations were below the MDL of 0.025 mg/Kg for GeoProbe® boring soil samples GP-1 through GP-15. Analytical results indicated BTEX concentrations ranged from 0.026 mg/Kg (GP-11 12-16' and GP-12 12-16') to 0.854 mg/Kg (GP-13 8-12').

GeoProbe® borings GP-16 through GP-19 were located within the observed surface stain. Analytical results of soil samples collected during the advancement of these GeoProbe® borings indicated benzene concentrations ranged from below the MDL of 0.1 mg/Kg to 1.96 mg/Kg in soil sample GP-17 (12-16'). Analytical results indicated TPH concentrations ranged from 1,997 mg/Kg (GP-16 24-28') to 15,680 mg/Kg (GP-17 8-12'). Analytical results indicated BTEX concentrations ranged from 1.496 mg/Kg in soil sample GP-16 (0-4') to 51.27 mg/Kg in soil sample GP-17 (12-16'). Please note BTEX concentrations for GeoProbe® borings GP-1 through GP-19 include toluene concentration analytical results, which were affected by cross contamination by a laboratory reagent.

In April and May 2002, six monitor wells (MW-1 through MW-6), one recovery well (RW-1), and one soil boring (SB-1) were installed. Soil samples were collected at five-foot intervals in each of the monitor/recovery well(s) and soil boring and field evaluated using visual and olfactory techniques in addition to a PID. Analytical results of laboratory submitted soil samples indicated benzene, BTEX, and TPH concentrations were below of the MDL for each constituent in each well, with the exception of recovery well RW-1 and soil boring SB-1. Analytical results for recovery well RW-1 indicated benzene concentrations ranged from below the MDL of 0.02 mg/Kg in soil sample RW-1 (28-30') to 0.027 mg/Kg in soil sample RW-1 (23-25'). Analytical results for BTEX concentrations ranged from 0.489 mg/Kg in soil sample RW-1 (28-30') to 11.5 mg/Kg in sample RW-1 (23-25'). TPH concentrations ranged from 187.8 mg/Kg in sample RW-1 (28-30') to 2,194 mg/Kg in soil sample RW-1 (23-25'). Analytical results for soil boring SB-1 indicated the benzene concentration was below the MDL of 0.02 mg/Kg and the BTEX concentration was 0.028 mg/Kg. The analytical results for soil boring SB-1 indicated a TPH concentration of 117.1 mg/Kg.

On March 7, 2006, monitor wells MW-7, MW-8, recovery well RW-2 and soil boring SB-2 were installed or advanced. Soil samples were collected at five-foot intervals in each of the monitor/recovery well(s) and soil boring and field evaluated using visual and olfactory techniques in addition to a PID. The analytical results of laboratory submitted soil samples for monitor well MW-7 indicated the benzene concentration was 0.0461 mg/Kg and the BTEX concentration was 1.804 mg/Kg. The TPH concentrations for soil samples from monitor well MW-7 ranged from below the MDL of 50 mg/Kg to 52.6 mg/Kg (MW-7 20-25'). The analytical results of laboratory submitted soil samples for monitor well MW-8 indicated the benzene concentration was 0.163 mg/Kg and the BTEX concentration was 14.881 mg/Kg. The TPH concentrations for soil samples from monitor well MW-8 ranged from 1,808 mg/Kg to 3,980 mg/Kg (MW-8 10-15'). The analytical results of laboratory submitted soil samples for recovery well RW-2 indicated the benzene concentration below the MDL of 0.05 mg/Kg and the BTEX concentration was 7.597 mg/Kg. The TPH concentrations for soil samples from recovery well RW-2 ranged from below the MDL of 50 mg/Kg to 2,056 mg/Kg (RW-2 20-25'). The analytical results of laboratory submitted soil samples for soil boring SB-2 indicated the benzene concentration was below the MDL of 0.05 mg/Kg and the BTEX concentration was 0.501 mg/Kg. The TPH concentrations for soil samples from soil boring SB-2 ranged from below the MDL of 50 mg/Kg to 1,341 mg/Kg (SB-2 20-25').

On August 9, 2007, monitor well MW-9 was installed to further the horizontal delineation of the site. The analytical results of laboratory submitted soil samples for monitor well MW-9 indicated

the TPH concentrations for soil samples from monitor well MW-9 were below the MDL of 50 mg/Kg for the three laboratory submitted soil samples.

At this time, horizontal and vertical delineation appears to be complete and no further delineation is planned at the Texaco Skelly "F" release site. A summary of the Concentrations of BTEX and TPH in Soil is provided as Table 1. Lithologic and construction logs for GeoProbe® borings, monitor wells, recovery wells, and soil borings are provided as Appendix A. A cross section (A – A') is provided as Appendix B and laboratory reports are included as Appendix C.

4.0 PROPOSED ACTIONS

Based on analytical results, Plains proposes a risk-based soil closure strategy to progress the site known as Texaco Skelly "F" towards an NMOCD approved soil closure:

- Soil samples collected during the installation of recovery wells RW-1 and RW-2 exhibited elevated TPH concentrations due to the presence of PSH within the capillary fringe zone. The elevated TPH concentrations appear to be an artifact of groundwater impact versus soil impact and will not be addressed in the Soil Closure Proposal.

- The area defined by GeoProbe® borings GP-16 through GP-19 will be excavated to a depth of approximately twenty feet bgs to remove soils exhibiting TPH concentrations above the NMOCD regulatory standard. A map depicting the proposed excavation area is provided as Figure 3. Field screening using a PID and visual and olfactory evaluation of the excavation sidewalls will determine the limits of the excavation. Confirmation sidewall soil samples will be collected at fifty-foot intervals from excavation sidewall and analyzed for concentrations of BTEX and TPH. The proposed area of excavation including GeoProbe® borings GP-16 through GP-19 contains approximately 1,150 cubic yards (cy) of hydrocarbon impacted soil, which will be stockpiled on-site.

- When the confirmation analytical results of excavation sidewalls indicate TPH concentrations are below the NMOCD regulatory standard of 100 mg/Kg TPH, Plains proposes a risk-based strategy for soil closure at the site. With NMOCD approval, a twenty-millimeter (mil) polyurethane liner, manufactured for this purpose, will be placed on the floor of the excavation. A six-inch layer of non-impacted sand placed beneath the liner will cushion the liner. On completion of the liner installation, a six-inch layer of non-impacted sand will be placed on top the liner to cushion any sharp objects from puncturing the liner. This engineered control will inhibit vertical migration of contaminants below the liner, by the process of shedding moisture to the edge of the liner and beyond the maximum horizontal extent of underlying impacted soil. Monitor well locations within the excavation will be fitted with a forty mil protective boot to maintain the impermeability of the liner.

- Stockpile soil samples will be collected and analyzed for each 500 cy of impacted soil. On receipt of analytical results, the stockpiled soil will be blended with non-impacted, over-excavated soil. To evaluate the soil status, additional soil samples will be collected and analyzed for each 500 cy of blended soil. When the analytical results indicate TPH, benzene and BTEX concentrations are below 1,000 mg/Kg, 10 mg/Kg and 50 mg/Kg,

respectively, the blending of the stockpiles will be complete. Plains will request NMOCD permission to backfill the excavation with blended soil to a depth of three feet bgs. The upper three feet of the excavation will be backfilled with locally purchased non-impacted soil exhibiting a TPH concentration less than 100 mg/Kg and contoured to fit the surrounding topography. Any remaining soil will be transported to the Plains Lea Station Land Farm located south of Monument, New Mexico. Areas disturbed by the excavation activities will be reseeded with vegetation acceptable to the landowner. The proposed excavation backfill strategy is based on an agreement between Plains and the Deck Estate.

- The site monitor wells will be maintained for continued monitoring of groundwater, until such a time as the NMOCD permits the cessation of these activities.

5.0 REPORTING

Plains is prepared to begin field activities and perform the corrective actions summarized in this Soil Closure Proposal, upon review and approval of the proposal by the NMOCD. Upon completion of the field activities summarized in this proposal, Plains will submit a Soil Closure Request to the NMOCD, documenting the results of confirmation soil samples, and final topography restoration activities. In this report, Plains will request the NMOCD grant closure to soil issues at the site. A groundwater closure request 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 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 SW846-8021B/5030
- TPH concentrations in accordance with EPA Method SW846-8015b

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 has prepared this Soil Closure Proposal to the best of its ability. No other warranty, expressed or implied, is made or intended. NOVA has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. NOVA 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 has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. NOVA 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 Soil Closure Proposal has been prepared for the benefit of Plains. The information contained in this report including all exhibits and attachments may not be used by any other party without the express written consent of NOVA and/or Plains.

8.0 DISTRIBUTION

Copy 1:
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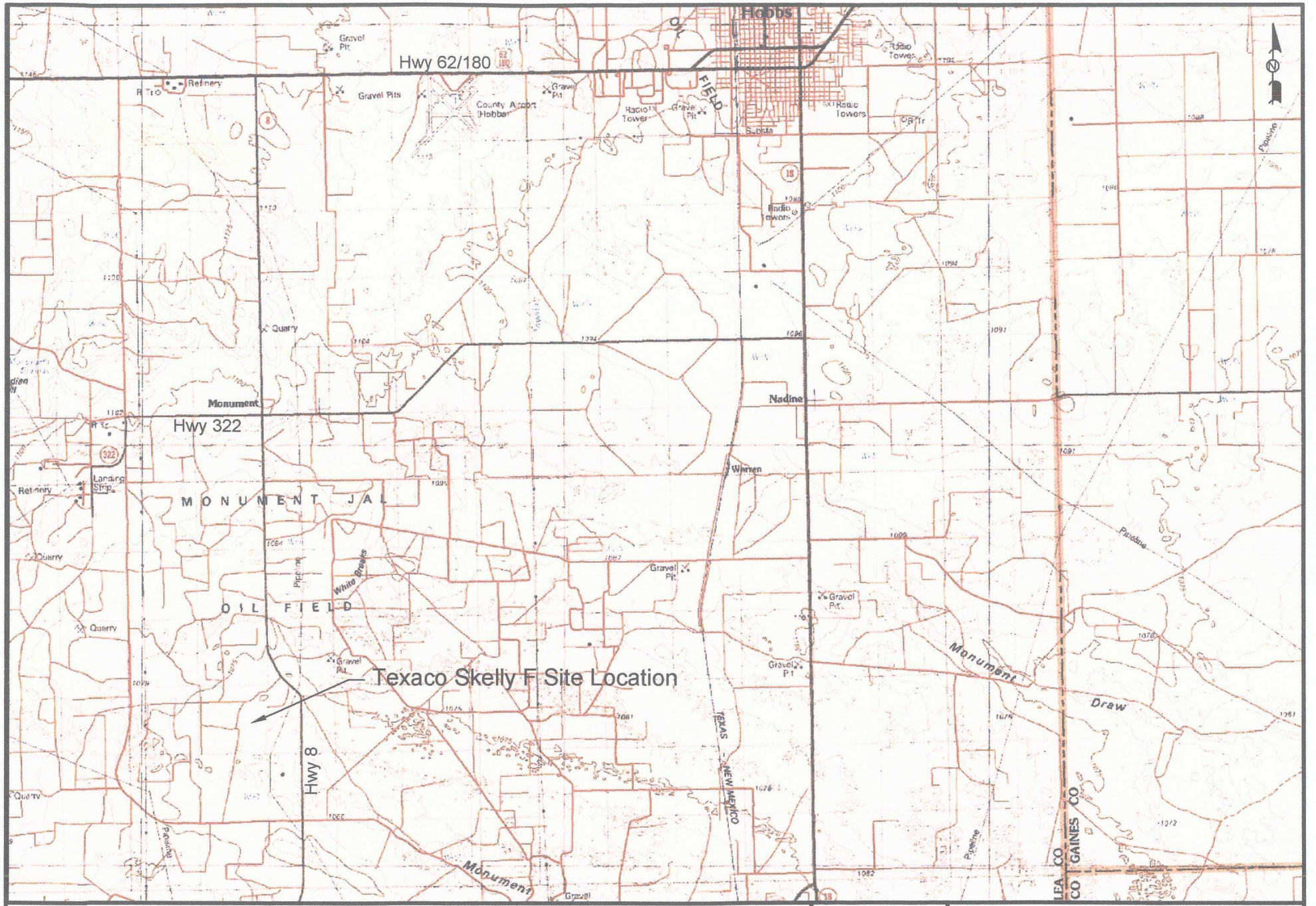
FIGURES



SW1/4 NW1/4 Section 21, T20S, R37E

6 3 0 3 6

Distance in Miles

NMOCD Reference # 1R-0420

Figure 1
Site Location Map
Plains Marketing, L.P.
Texaco Skelly F
Lea County, NM

NOVA Safety and Environmental

February 15, 2005	Scale: 1" = 6 Miles	Prep By: DPM
		Checked By: MRE

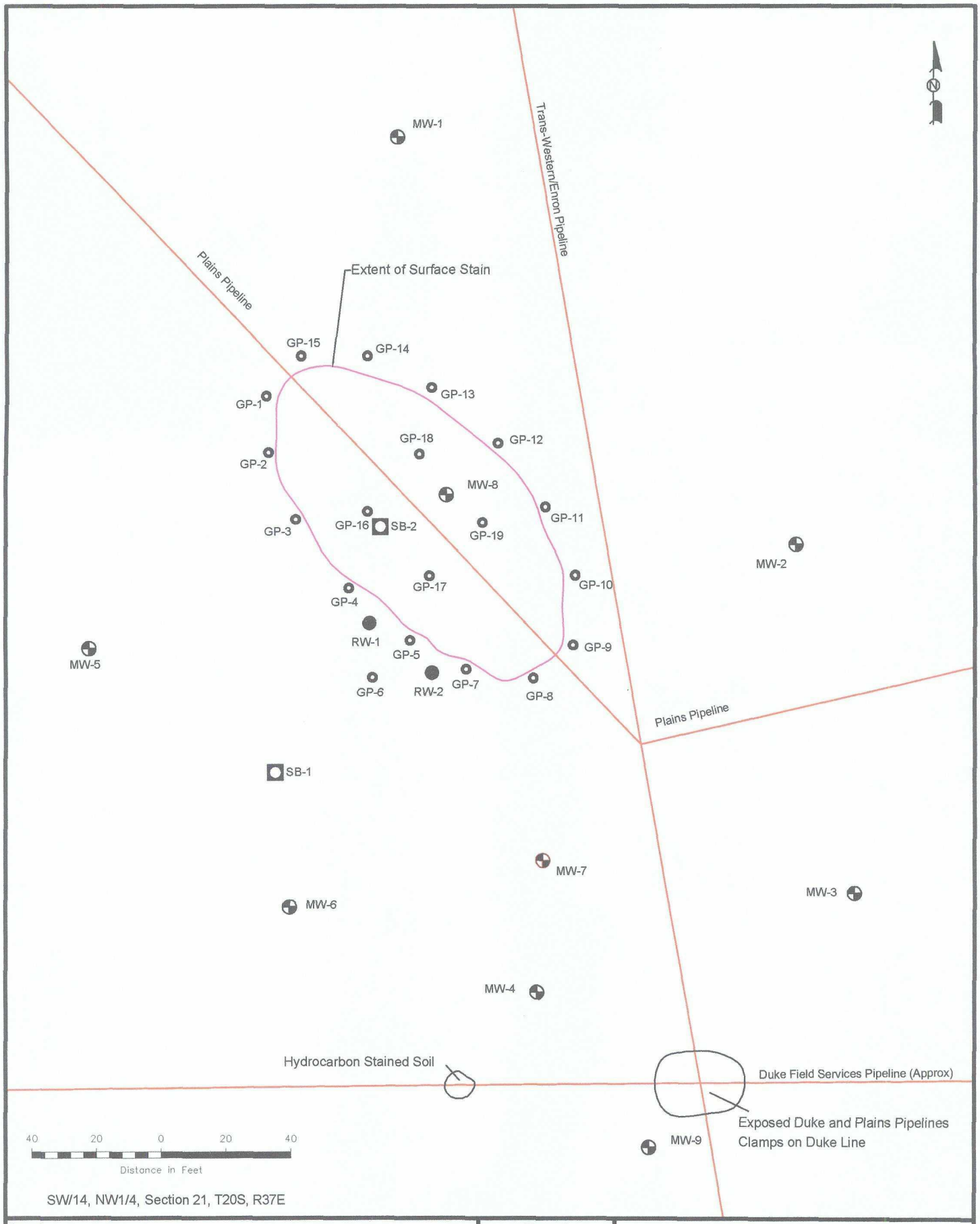


Figure 2
NMOCD Site Map
Plains Marketing, L.P.
Texaco Skelly "F" Site
Lea County, NM

NOVA Safety and Environmental

NOVA safety and environmental	March 15, 2005	Scale: 1" = 40'	Prep By: DPM
			Checked By: CDS

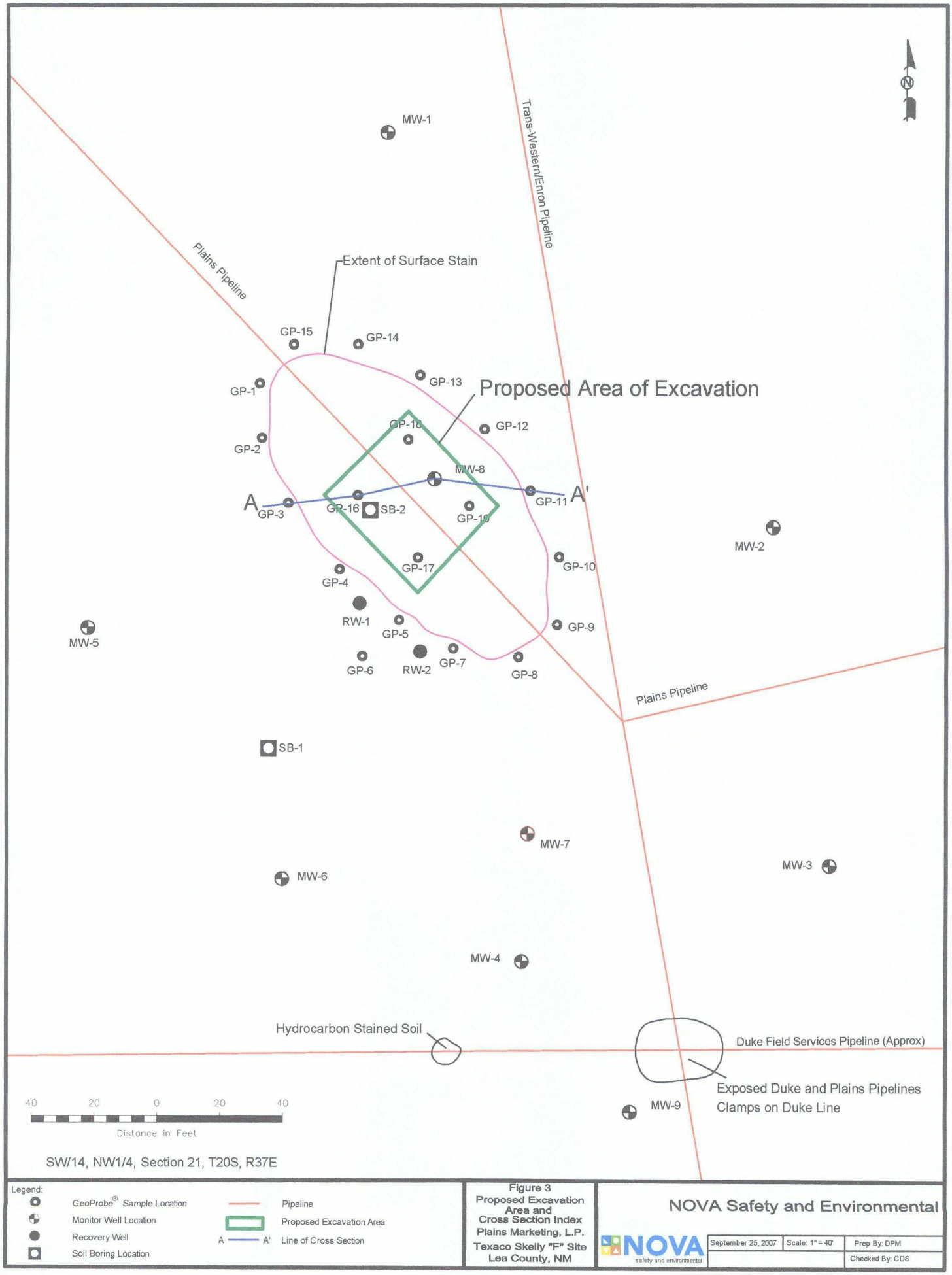


Figure 3
Proposed Excavation Area and Cross Section Index
Plains Marketing, L.P.
Texaco Skelly "F" Site
Lea County, NM

NOVA Safety and Environmental

September 25, 2007	Scale: 1" = 40'	Prep By: DPM
		Checked By: CDS

TABLES

TABLE 1
CONCENTRATIONS OF BTEX AND TPH IN SOIL

Plains Marketing, L.P.
TEXACO SKELLY "F"
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030 and 8260b						Method: EPA SW 846-8015b,m (GRO/DRO)		
		BENZENE mg/Kg	TOLUENE mg/Kg	EYTHL-BENZENE mg/Kg	m, p-XYLENE mg/Kg	o-XYLENE mg/Kg	TOTAL BTEX	GRO C6-C10 (mg/Kg)	DRO C10-C25 (mg/Kg)	TPH C6 - C25 (mg/Kg)
NMOCD REGULATORY STANDARD		10					50			100
GP-1 (12-16')	12/11/2001	<0.025	0.042 *	<0.025	0.031	<0.025	0.073 **	<10	<10	<10
GP-2 (12-16')	12/11/2001	<0.025	0.037 *	<0.025	<0.025	<0.025	0.037 **	<10	<10	<10
GP-3 (12-16')	12/11/2001	<0.025	0.034 *	<0.025	<0.025	<0.025	0.034 **	<10	<10	<10
GP-4 (12-16')	12/11/2001	<0.025	0.034 *	<0.025	<0.025	<0.025	0.034 **	<10	<10	<10
GP-5 (12-16')	12/11/2001	<0.025	0.032 *	<0.025	<0.025	<0.025	0.032 **	<10	<10	58
GP-6 (12-16')	12/11/2001	<0.025	0.034 *	<0.025	<0.025	<0.025	0.034 **	<10	<10	<10
GP-7 (8-12')	12/11/2001	<0.025	0.038 *	<0.025	0.028	<0.025	0.038 **	<10	<10	<10
GP-8 (12-16')	12/15/2001	<0.025	0.029 *	<0.025	<0.025	<0.025	0.029 **	<10	<10	<10
GP-9 (4-8')	12/15/2001	<0.025	0.027 *	<0.025	<0.025	<0.025	0.027 **	<10	37	37
GP-10 (12-16')	12/15/2001	<0.025	0.030 *	<0.025	<0.025	<0.025	0.03 **	<10	<10	<10
GP-11(12-16')	12/15/2001	<0.025	0.026 *	<0.025	<0.025	<0.025	0.026 **	<10	<10	<10
GP-12 (12-16')	12/15/2001	<0.025	0.026 *	<0.025	<0.025	<0.025	0.026 **	<10	<10	<10
GP-13 (8-12')	12/15/2001	<0.025	0.854 *	<0.025	<0.025	<0.025	0.854 **	<10	<10	<10
GP-14 (12-16')	12/15/2001	<0.025	0.028 *	<0.025	<0.025	<0.025	0.028 **	<10	<10	<10
GP-15 (12-16')	12/15/2001	<0.025	0.028 *	<0.025	<0.025	<0.025	0.028 **	<10	<10	<10
GP-16 (0-4')	12/15/2001	0.041	0.158 *	0.298	0.762	0.237	1.496 **	327	5830	**6157**
GP-16 (4-8')	12/15/2001	0.124	0.819 *	1.34	2.37	0.994	5.647 **	1120	8120	**9240**
GP-16 (8-12')	12/15/2001	0.132	0.785 *	1.12	3.29	0.582	5.909 **	900	6050	**6950**
GP-16 (12-16')	12/15/2001	0.420	1.64 *	2.19	6.40	1.38	12.03 **	1000	5340	**6340**
GP-16 (16-20')	12/15/2001	0.691	2.04 *	3.10	6.88	1.27	13.981 **	1930	7390	**9320**
GP-16 (20-24')	12/15/2001	0.343	1.34 *	2.20	5.01	1.17	10.063 **	830	4220	**5050**
GP-16 (24-28')	12/15/2001	0.054	0.436 *	0.593	0.852	0.393	2.328 **	257	1740	**1997**
GP-16 (28-30')	12/15/2001	<0.100	0.451 *	0.557	0.845	0.270	2.123 **	403	4080	**4483**
GP-17 (0-4')	12/16/2001	0.315	1.94 *	2.28	4.98	1.61	11.125 **	1070	5060	**6130**
GP-17 (4-8')	12/16/2001	0.506	3.49 *	5.79	11.8	2.64	24.226 **	1430	4940	**6370**
GP-17 (8-12')	12/16/2001	1.47	7.66 *	12.5	21.9	4.36	47.89 **	3480	12200	**15680**
GP-17 (12-16')	12/16/2001	1.96	8.98 *	13.6	22.3	4.43	**51.27 ****	3480	9360	**12840**
GP-17 (16-20')	12/16/2001	0.506	3.52 *	7.44	12.4	3.07	26.936 **	925	3390	**4315**
GP-17 (20-24')	12/16/2001	0.261	1.72 *	3.76	7.90	1.89	15.531 **	604	2190	**2794**
GP-17 (24-28')	12/16/2001	0.440	2.19 *	4.10	8.13	2.06	16.92 **	1140	5670	**6810**
GP-18 (0-4')	12/16/2001	0.161	1.04 *	1.39	4.41	0.568	7.569 **	1020	6710	**7730**
GP-18 (4-8')	12/16/2001	<0.100	0.38 *	0.839	2.62	0.309	4.148 **	538	6410	**6948**
GP-18 (8-12')	12/16/2001	0.437	2.74 *	3.87	9.58	1.89	18.517 **	1950	9120	**11070**
GP-18 (12-16')	12/16/2001	0.654	2.84 *	4.02	9.51	1.58	18.604 **	1700	6120	**7820**
GP-18 (16-20')	12/16/2001	1.12	3.69 *	5.56	11.2	2.12	23.69 **	2590	7760	**10350**
GP-18 (20-24')	12/16/2001	1.77	4.53 *	6.71	14.5	2.35	29.86 **	3490	11100	**14590**
GP-18 (24-28')	12/16/2001	0.509	2.45 *	3.80	8.66	1.69	17.109 **	1020	3040	**4060**
GP-19 (0-4')	12/16/2001	<0.100	0.452 *	0.675	2.71	0.754	4.591 **	276	4110	**4386**
GP-19 (4-8')	12/16/2001	<0.100	0.568 *	1.21	3.65	0.890	6.318 **	471	4570	**5041**
GP-19 (8-12')	12/16/2001	0.435	2 *	2.73	8.15	1.66	14.975 **	2400	8740	**11140**
MW - 1(23-25')	4/29/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 1 (33-35')	4/29/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 2 (23-25')	4/30/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 2 (28-30')	4/30/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 3 (5')	5/7/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 3 (25')	5/7/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 4 (5')	5/7/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 4 (25')	5/7/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5

TABLE 1
CONCENTRATIONS OF BTEX AND TPH IN SOIL

Plains Marketing, L.P.
TEXACO SKELLY "F"
LEA COUNTY, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030 and 8260b						Method: EPA SW 846-8015b,m (GRO/DRO)		
		BENZENE mg/Kg	TOLUENE mg/Kg	EYTHL-BENZENE mg/Kg	m, p-XYLENE mg/Kg	o-XYLENE mg/Kg	TOTAL BTEX	GRO C6-C10 (mg/Kg)	DRO C10-C25 (mg/Kg)	TPH C6 - C25 (mg/Kg)
NMOCD REGULATORY STANDARD		10					50			100
MW - 5 (5')	5/8/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 5 (25')	5/8/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW - 6 (25')	5/17/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
MW -6 (30')	5/17/2002	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<5	<5	<5
RW - 1 (23-25')	5/1/2002	0.027	0.473	3.58	5.42	2.00	11.5	654	1540	**2194**
RW - 1 (28-30')	5/1/2002	<0.020	0.035	0.138	0.251	0.065	0.489	32.8	155	**187.8**
SB - 1 (26')	5/8/2002	<0.020	<0.020	0.047	0.100	0.028	0.175	13.1	104	**117.1**
MW-7 (10-15')	3/7/2006	-	-	-	-	-	-	<1	<50	<50
MW-7 (20-25')	3/7/2006	0.0461	0.09	0.455	1.210		1.804	52.6	<50	52.6
MW-8 (10-15')	3/7/2006	0.163	0.67	4.66	9.390		14.881	2030	1950	**3980**
MW-8 (15-20')	3/7/2006	-	-	-	-	-	-	1130	1310	**2440**
MW-8 (20-25')	3/7/2006	-	-	-	-	-	-	984	824	**1808**
SB-2 (10-15')	3/7/2006	-	-	-	-	-	-	<1	<50	<50
SB-2 (15-20')	3/7/2006	-	-	-	-	-	-	<1	<50	<50
SB-2 (20-25')	3/7/2006	<0.05	<0.05	0.125	0.376		0.501	281	1060	**1341**
RW-2 (10-15')	3/7/2006	-	-	-	-	-	-	<1	<50	<50
RW-2 (20-25')	3/7/2006	<0.05	0.55	2.74	4.310		7.597	656	1400	**2056**
MW-9 @10'	8/16/2007	-	-	-	-	-	-	<1	<50	<50
MW-9@20'	8/16/2007	-	-	-	-	-	-	<1	<50	<50
MW-9@25'	8/16/2007	-	-	-	-	-	-	<1	<50	<50

Note: * toluene results affected by cross contamination from a laboratory reagent.
Note: ** BTEX concentration includes toluene results affected by cross contamination from a laboratory reagent.

APPENDICES

APPENDIX A

GeoProbe GP-01

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		4.7	Slight	None	Sand (SP)-Brown, very fine grained, well-sorted
5		3.8	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		8.7	None	None	
15	TD	(11.5)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-01

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 02, 2005		

GeoProbe GP-02

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain
0		2.1	None	None
5		9.5	None	None
10		15.9	None	None
		(30.8)	None	None
15	TD			
20				
25				
30				

Soil Description

Sand (SP)- Brown, very fine grained, well-sorted

Sand (SP)- Brown-Tan, very fine grained, well-sorted

Sand (SP)- Tan, very fine grained, well-sorted

Soil Boring Details

Date Drilled 12/11/01

Thickness of Bentonite Seal

Depth of Exploratory Boring

Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:

Boring Was Plugged And Abandoned With Bentonite

No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-02

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

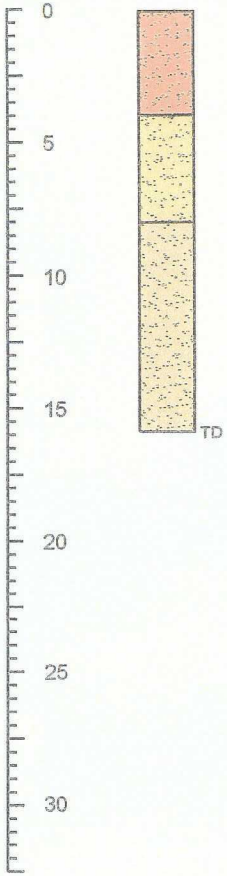
NOVA Safety and Environmental

Scale: NTS | Prep By: DPM | Checked By: CDS

December 07, 2005

GeoProbe GP-03

Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0	4.2	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5	12.7	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10	12.9	None	None	
15	(27.5)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
20				
25				
30				



Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(27.5) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-03

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

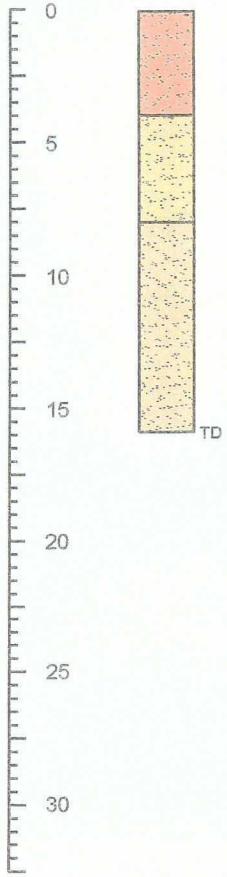
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS | Prep By: DPM | Checked By: CDS

December 07, 2005

GeoProbe GP-04



PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
10.0	None	None	Sand (SP)- Brown, very fine grained, well-sorted
13.5	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
11.0	None	None	
(29.0)	None	None	Sand (SP)- Tan, very fine grained, well-sorted

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-04

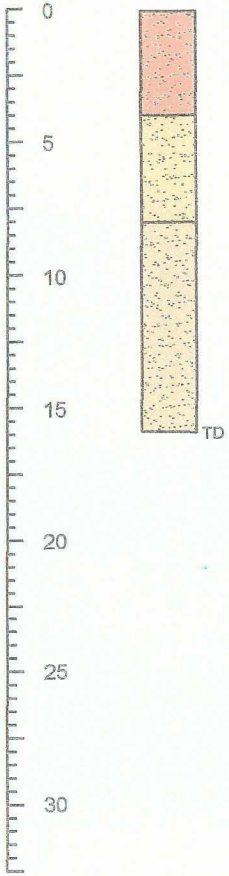
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-05



Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0	2.1	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5	4.0	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10	2.7	None	None	Sand (SP)- Tan, very fine grained, well-sorted
15	(819)	Slight	None	

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-05

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-06

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		2.6	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		1.3	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		2.6	None	None	
15		(3.5)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
20	TD				
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-06

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-07

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		1.3	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		2.4	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10	TD	(3.3)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
15					
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(3.3) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-07

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS | Prep By: DPM | Checked By: CDS

December 07, 2005

GeoProbe GP-08

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		0.6	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		1.0	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		1.9	None	None	Sand (SP)- Tan, very fine grained, well-sorted
15	TD	(1.9)	None	None	
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(1.9) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-08

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS | Prep By: DPM | Checked By: CDS

December 07, 2005

GeoProbe GP-09

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		0.4	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		(0.6)	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10					
15					
20					
25					
30					

TD

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(0.6) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-09

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-10

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		1.4	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		1.9	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		1.7	None	None	
15	TD	(3.9)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-10

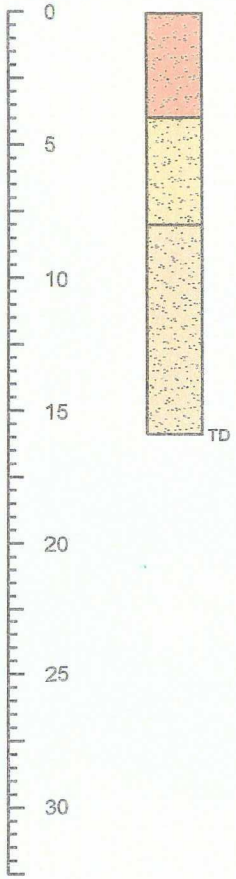
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 06, 2005		

GeoProbe GP-11



Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0	4.2	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5	5.0	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10	7.8	None	None	
	(7.0)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
15				
20				
25				
30				

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-11

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 02, 2005		

GeoProbe GP-12

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		8.8	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		7.5	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		7.0	None	None	
		(19.3)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
15	TD				
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(19.3) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-12

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-13

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		6.9	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		6.7	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		(8.3)	None	None	
					Sand (SP)- Tan, very fine grained, well-sorted
		7.7	None	None	
15	TD				
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(8.3) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-13

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 02, 2005		

GeoProbe GP-14

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0		2.6	None	None	Sand (SP)- Brown, very fine grained, well-sorted
5		0.8	None	None	Sand (SP)- Brown-Tan, very fine grained, well-sorted
10		4.1	None	None	
15	TD	(4.8)	None	None	Sand (SP)- Tan, very fine grained, well-sorted
20					
25					
30					

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

( ) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-14

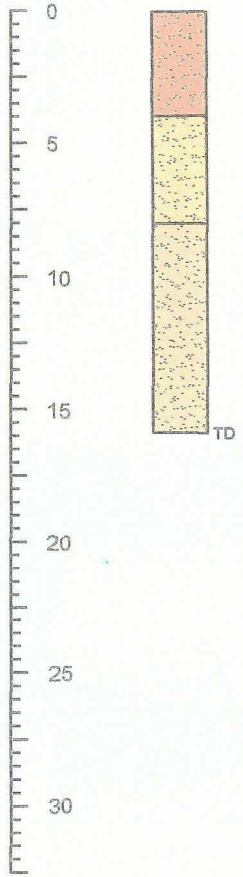
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 02, 2005		

GeoProbe GP-15



Soil Description

Sand (SP)- Brown, very fine grained, well-sorted

Sand (SP)- Brown-Tan, very fine grained, well-sorted

Sand (SP)- Tan, very fine grained, well-sorted

Soil Boring Details

Date Drilled 12/11/01

Thickness of Bentonite Seal

Depth of Exploratory Boring

Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:

Boring Was Plugged And Abandoned With Bentonite

No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-15

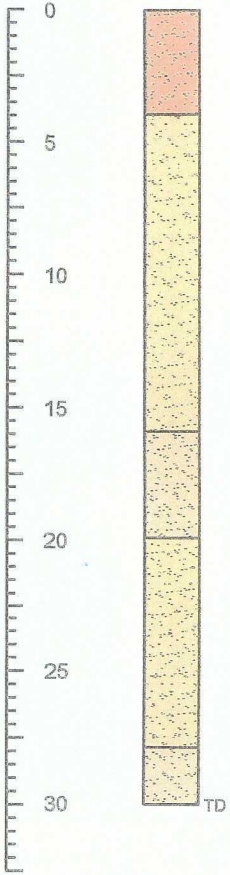
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-16



Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0	620	Heavy	Heavy	Sand (SP)- Brown, very fine grained, well-sorted
5	1192	Heavy	Heavy	
10	886	Heavy	Heavy	Sand (SP)- Brown-Tan, very fine grained, well-sorted
15	1087	Heavy	Heavy	
	1154	Heavy	Heavy	Sand (SP)- Tan, very fine grained, well-sorted
20	1165	Heavy	Heavy	
				Sand (SP)- Brown-Tan, very fine grained, well-sorted
25	1048	Heavy	Heavy	
				Sand (SP)- Tan, very fine grained, well-sorted
30	992	Heavy	Heavy	

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-16

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

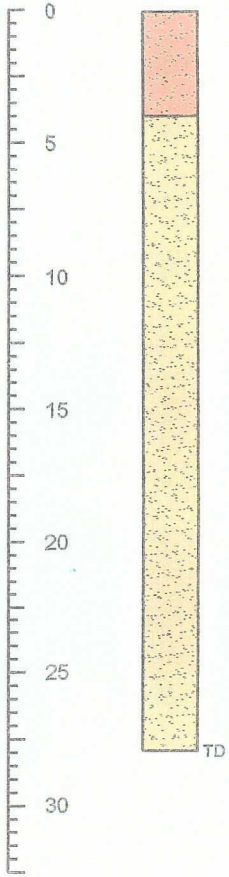
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-17

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain
0		458	Heavy	Heavy
5		771	Heavy	Slight
10		984	Heavy	Heavy
15		806	Heavy	Heavy
20		943	Heavy	Heavy
25		903	Heavy	Heavy
30		1004	Heavy	Heavy



Soil Description

Sand (SP)- Brown, very fine grained, well-sorted

Sand (SP)- Brown-Tan, very fine grained, well-sorted

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

⬭ Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-17

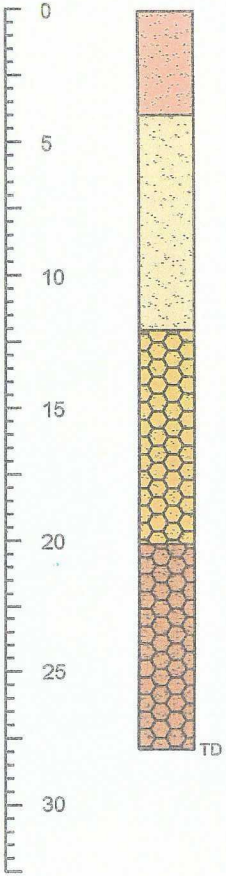
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 08, 2005		

GeoProbe GP-18



Depth (feet)	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
0	379	Slight	Slight	Sand (SP)- Brown, very fine grained, well-sorted
5	809	Slight	Slight	
				Sand (SP)- Brown-Tan, very fine grained, well-sorted
10	563	Slight	Slight	
	644	Heavy	Slight	
15				Sand (SP)- Brown-Tan, very fine grained, well-sorted. Imbedded with caliche nodules
	967	Heavy	Heavy	
20	1093	Heavy	Heavy	
				Sand (SP)- Brown-Black, very fine grained, well-sorted. Imbedded with caliche nodules
25	1063	Heavy	Heavy	
30				

Soil Boring Details

Date Drilled 12/11/01
Thickness of Bentonite Seal
Depth of Exploratory Boring
Depth to Groundwater

(oval) Indicates samples selected for Laboratory Analysis.
PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:
Boring Was Plugged And Abandoned With Bentonite
No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-18

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: DPM	Checked By: CDS
December 07, 2005		

GeoProbe GP-19

Depth (feet)	Soil Columns	PID Reading	Petroleum Odor	Petroleum Stain
0		(206)	Slight	Slight
5		(476)	Heavy	None
10		(586)	Heavy	Heavy
TD				

Soil Description

Sand (SP)- Brown, very fine grained, well-sorted

Sand (SP)- Brown-Tan, very fine grained, well-sorted

Soil Boring Details

Date Drilled 12/11/01

Thickness of Bentonite Seal

Depth of Exploratory Boring

Depth to Groundwater

(206) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Note:

Boring Was Plugged And Abandoned With Bentonite

No Groundwater Was Encountered

GeoProbe Log Details

GeoProbe GP-19

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

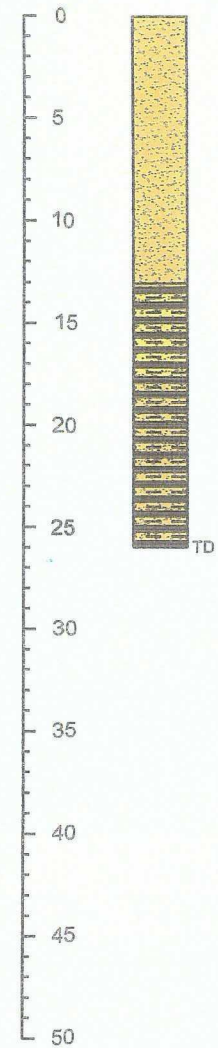
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS | Prep By: DPM | Checked By: CDS

December 07, 2005

Soil Boring SB-1



Depth (feet)	PID	Odor	Stain	Soil Description
0	15.0	None	None	Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
5	6.4	None	None	
10	3.9	None	None	Sand - (SC) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted,Intermintant Clay.
15	1.7	None	None	
20	15.3	Slight	None	Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Sandy Clay Seam.
25	(83.0)	None	None	

▼ Indicates the groundwater level measured on date.

⬭ Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Soil Boring Log Details

Soil Boring SB-1

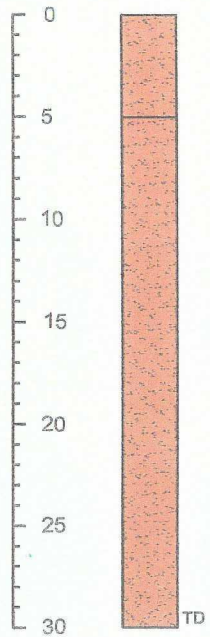
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Soil Boring SB-2



Depth (feet)	PID	Odor	Stain	Soil Description
0	31.6	None	None	Sand, brown, clayey.
5	3.8	None	None	
10	(2.5)	Slight	Slight	
15	(14.3)	Slight	None	Sand, brownish-tan, fine grained.
20	(26.9)	Heavy	None	
25	7.1	Heavy	None	
30				

Soil Boring Details

Date Drilled 03-07-06

Depth of Soil Boring 40 ft

(oval) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The soil boring was installed on date using air rotary drilling techniques.
2. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
3. The depths indicated are referenced from the ground surface.

Soil Boring Log And Details

Soil Boring SB-2

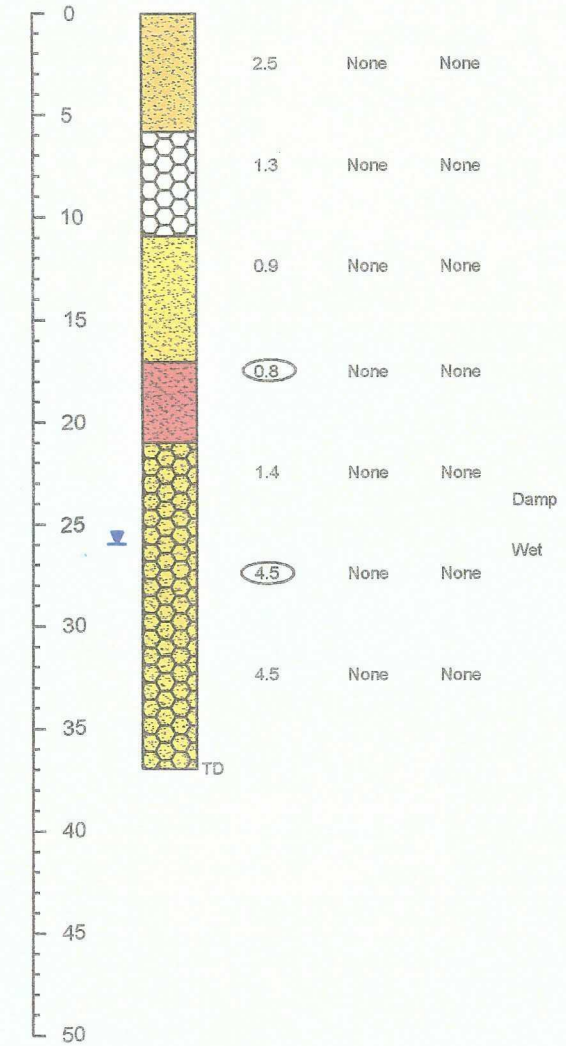
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

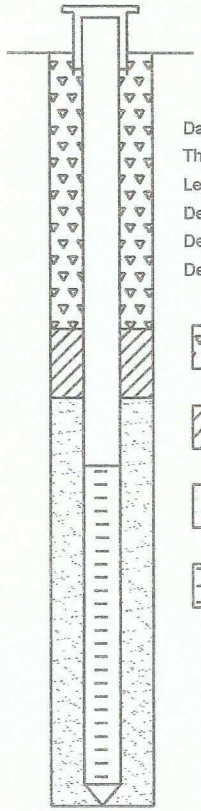
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	CAD By: DGC	Checked By: CDS
March 23, 2007		

Monitor Well MW-1





Monitor Well Details

Date Drilled	04 - 29 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	37 ft
Depth of Exploratory Well	37 ft
Depth to Ground Water	26 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

▼ Indicates the groundwater level measured on date.

⬭ Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-1

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

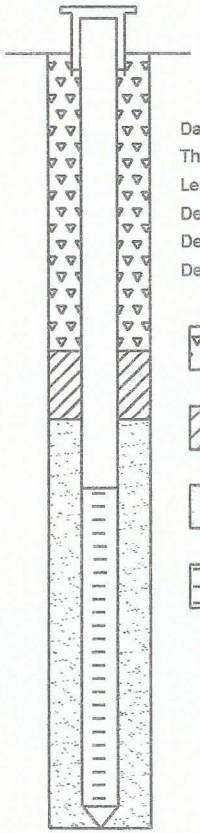
NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Monitor Well MW-2

Depth (feet)	PID	Odor	Stain		Soil Description
0					Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	2.4	None	None		Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted. Caliche : White, Soft.
5					
	1.1	None	None		
10					Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	1.8	None	None		
15					Sandy Clay - (SC) - Grayish Orange, Medium Dense, Very Fine Grained, Moderately Sorted.
	1.0	None	None		
20				Moist	
	3.8	None	None		
25				Wet	Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	6.7	None	None		
30					
	5.4	None	None		
35					
40					
45					
50					

TD



Monitor Well Details

Date Drilled	04 - 30 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	38 ft
Depth of Exploratory Well	38 ft
Depth to Ground Water	26 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

⬭ Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-2

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

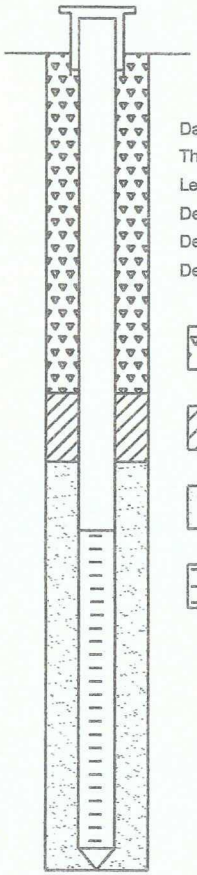
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Monitor Well MW-3

Depth (feet)	PID	Odor	Stain		Soil Description
0	(38.1)	None	None		Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
5	17.1	None	None		Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Silty Sand.
10	9.7	None	None		Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
15	7.5	None	None		Clay Sand - (SC) - Grayish Orange, Very Fine Grained, Sub-Rounded, Moderate Firm, Well Sorted.
20	(5.8)	None	None	Damp	
25 ▼				Wet	
	6.2	None	None		Sand - (SC) - Grayish Orange, Very Fine Grained, Sub-Rounded, Moderate to Well Sorted, Imbedded Caliche.
30	8.6	None	None		
35	7.3	None	None		
40 TD					
45					
50					



Monitor Well Details

Date Drilled	05 - 07 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft
Depth to Ground Water	25 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

(5.8) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-3

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County NM

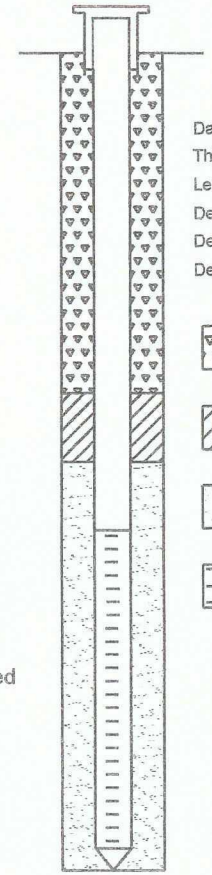
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Monitor Well MW-4

Depth (feet)	PID	Odor	Stain		Soil Description
0	19.5	None	None		Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
5					Sand - (SP) - Moderate Yellowish Brown, Very Fine Grained, Sub-Rounded, Well Sorted.
	8.5	None	None		
10					Sand - (SP) - very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	6.3	None	None		
15					
	3.8	None	None		
20					Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	3.5	None	None	Moist	
25					
	4.5	None	None	Wet	
30					Sand - (SP) - Very Pale Yellowish Brown, Very Fine Grained, Sub-Rounded, Imbedded Caliche, Moderately Sorted, Moist.
	0.7	None	None		
35					
	0.5	None	None		
40					TD
45					
50					



Monitor Well Details

Date Drilled	05 - 07 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft
Depth to Ground Water	26 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

⬭ Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-4

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

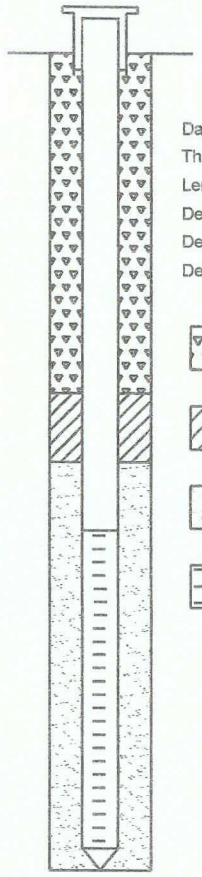
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Monitor Well MW-5

Depth (feet)	PID	Odor	Stain	Soil Description
0	13.1	None	None	Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
5	5.9	None	None	
10	2.5	None	None	Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted. Sand - (SP) - Moderate Yellowish Brown, Very Fine Grained, Sub-Rounded, Well Sorted.
15	2.6	None	None	Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
20	6.1	None	None	Sand - (SC) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Soft Clay.
25	2.2	None	None	Moist / Wet
30	2.1	None	None	Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Moist.
35	2.0	None	None	
40				TD
45				
50				



Monitor Well Details

Date Drilled	05 - 08 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft
Depth to Ground Water	26 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

▼ Indicates the groundwater level measured on date.

⬭ Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-5

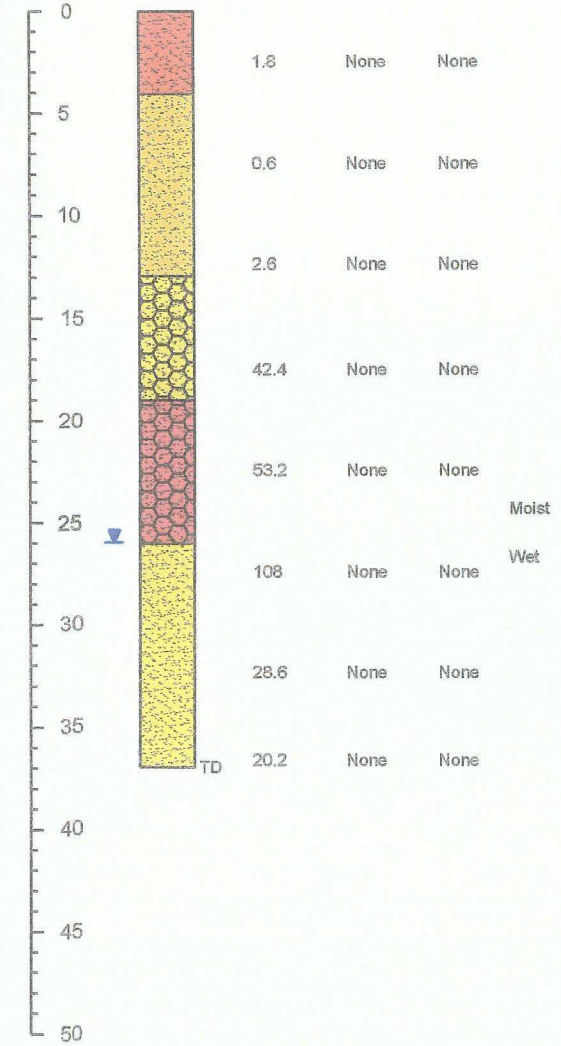
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

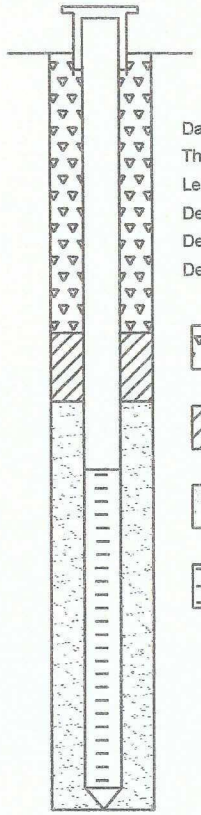
NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Monitor Well MW-6



PID	Odor	Stain		Soil Description
1.8	None	None		Sand - (SP) - Moderate Reddish Brown, Very Fine Grained, Sub-Rounded, Well Sorted, Loose.
0.6	None	None		Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Loose.
2.6	None	None		
42.4	None	None		Silty Sand - (SM) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Imbedded Caliche, Loose.
53.2	None	None	Moist	Sandy Clay - (SC) - Moderate Orange Pink, Very Fine Grained, Sub-Rounded, Well Sorted, Imbedded Caliche, Medium Dense.
108	None	None	Wet	
28.6	None	None		Silty Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Medium Dense, Wet.
20.2	None	None		



Monitor Well Details

Date Drilled	05 - 07 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	37 ft
Depth of Exploratory Well	37 ft
Depth to Ground Water	26 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

Indicates the groundwater level measured on date.

Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-6

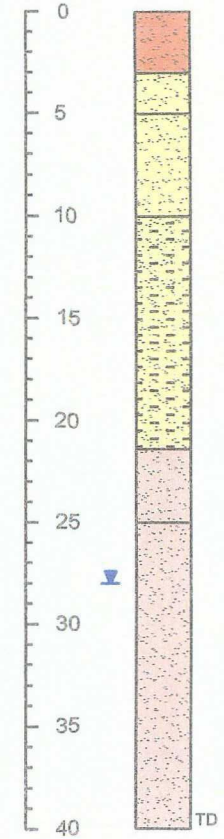
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

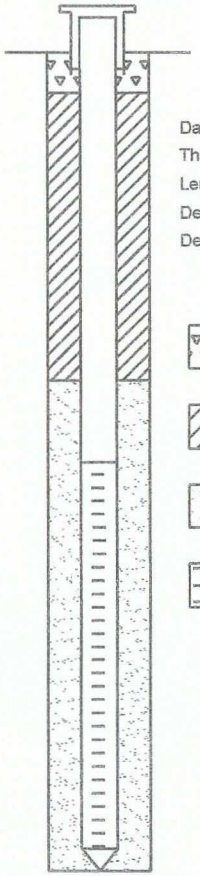
NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Monitor Well MW-7



PID	Odor	Stain	Soil Description
NA	None	None	Sand, brown, clayey, moist.
5.3	None	None	Sand, very light brown, very fine grained.
1.5	None	None	Sand, very light brown, very fine grained.
(74.6)	Slight	None	
	Slight	None	Sand, very light brown, clayey, very fine grained.
	Slight	None	
(123)	Heavy	None	Sand, gray, very fine grained.
3.3	Slight	None	Sand, gray, very fine grained.



Monitor Well Details

Date Drilled	03-07-06
Thickness of Bentonite Seal	14 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

▼ Indicates the groundwater level measured on date.

( ) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-7

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

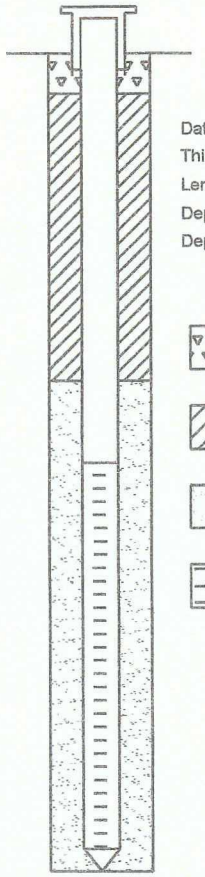
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	CAD By: DGC	Checked By: CDS
March 23, 2007		

Monitor Well MW-8

Depth (feet)	PID	Odor	Stain	Soil Description
0	31.4	None	None	Sand, brown, clayey.
5	11.0	Slight	None	Sand, brown, clayey.
10	(250)	Heavy	Slight	Sand, grey, clayey, very fine grained.
15	(352)	Very Heavy	None	
20	(226)	Very Heavy	None	Clay, greenish-grey, sandy.
25	6.7	Very Heavy	None	
30	NA	Heavy	NA	
35	NA	Heavy	NA	Clay, greenish-grey, sandy, wet, no sample.
40 TD				



Monitor Well Details

Date Drilled	03-07-06
Thickness of Bentonite Seal	14 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

(oval) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-8

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

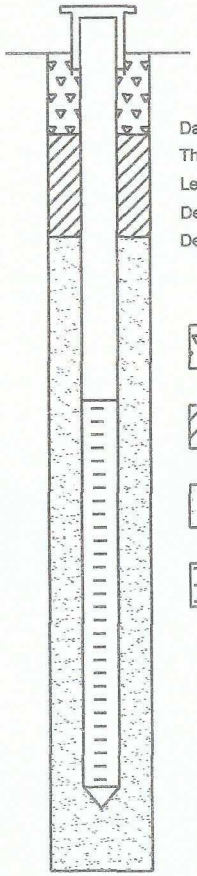
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	CAD By: DGC	Checked By: CDS
March 23, 2007		

Monitor Well MW-9

Depth (feet)	PID	Odor	Stain	Soil Description
0	1.9	None	None	
5	(1.1)	None	None	Sand, tan, very fine grained.
10	0.9	None	None	
15	(0.7)	None	None	Sand, tan, very fine grained, with some silty clay.
20	(0.4)	None	None	Sand, tan, very fine grained, wet at 25'.
25				
30		None	None	Sand, tan, very fine grained, tan clay.
35				
40				TD



Monitor Well Details

Date Drilled	08/16/07
Thickness of Bentonite Seal	5 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	37 ft
Depth of Exploratory Well	40 ft

- Grout Surface Seal
- Bentonite Pellet Seal
- Sand Pack
- Screen

▼ Indicates the groundwater level measured on date.

( ) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Monitor Well MW-9

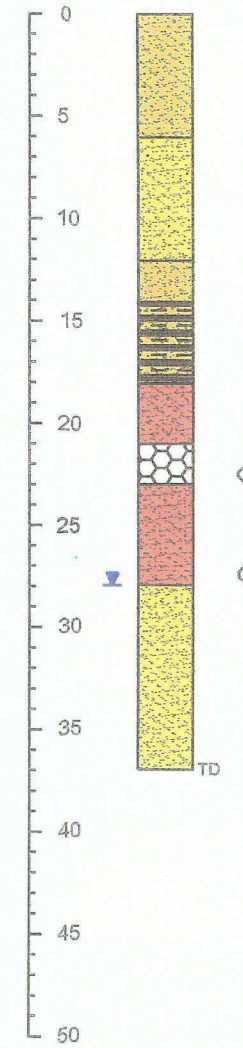
Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

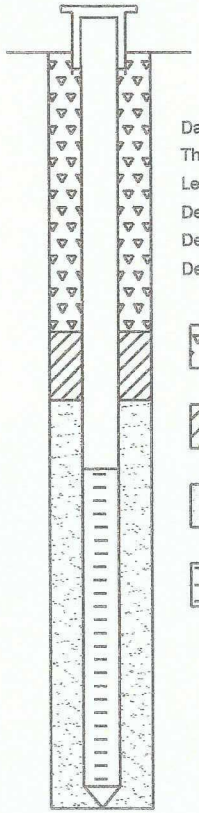
NOVA Safety and Environmental

Scale: NTS	CAD By: DGC	Checked By: CDS
February 25, 2008		

Recovery Well RW-1



Soil Columns	PID	Odor	Stain		Soil Description
	5.5	None	None		Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	5.9	None	None		Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	4.1	None	None		Sand - (SP) - Grayish Orange, Very Fine Grained, Sub-Rounded, Well Sorted.
	4.6	None	None		Sandy Clay - (SC) - Grayish Orange, Very Fine Grained, Sub-Rounded, Moderately Sorted, Medium Dense.
					Sand - (SP) - Pale Reddish Brown, Very Fine Grained, Sub-Rounded, Well Sorted.
	254	None	None		Caliche - White, Soft.
				Moist	Sand - (SP) - Pale reddish Brown, Very Fine Grained, Sub-Rounded, Well Sorted.
	325	None	None	Wet	
	156	None	None		Sand - (SP) - Very Pale Orange, Very Fine Grained, Sub-Rounded, Well Sorted, Wet.
	43	Slight	None		



Monitor Well Details

Date Drilled	05 - 01 - 02
Thickness of Bentonite Seal	3.0 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft
Depth to Ground Water	28 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

▼ Indicates the groundwater level measured on date.

⬭ Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The monitoring well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Monitor Well Details

Recovery Well RW-1

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

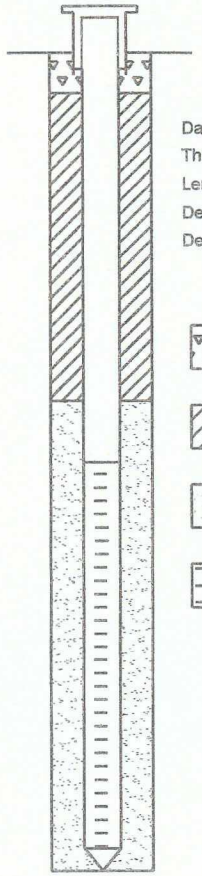
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: LGM	Checked By: RE
November 11, 2002		

Recovery Well RW-2

Depth (feet)	PID	Odor	Stain	Soil Description
0	2.0	None	None	Clay, sandy, brown, fine grained.
5	7.0	None	None	
10	(1.3)	None	None	Sand, brown, very fine grained.
15	4.5	None	None	
20	(352)	Heavy	None	
25	71.9	Heavy	None	
30	NA	Very Heavy	None	Sand, greenish-grey, clayey.
35	NA	Very Heavy	None	
40				TD



Recovery Well Details

Date Drilled	03-07-06
Thickness of Bentonite Seal	15 ft
Length of PVC Well Screen	20 ft
Depth of PVC Well	40 ft
Depth of Exploratory Well	40 ft

Grout Surface Seal

Bentonite Pellet Seal

Sand Pack

Screen

(1.3) Indicates samples selected for Laboratory Analysis.

PID Head-space reading in ppm obtained with a photo-ionization detector.

Completion Notes

1. The recovery well was installed on date using air rotary drilling techniques.
2. The well was constructed with 2" ID, 0.020 inch factory slotted, threaded joint, schedule 40 PVC pipe.
3. The well is protected with a locked stick up steel cover and a compression cap.
4. The lines between material types shown on the profile log represent approximate boundaries. Actual transitions may be gradual.
5. The depths indicated are referenced from the ground surface.

Boring Log And Recovery Well Details

Recovery Well RW-2

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

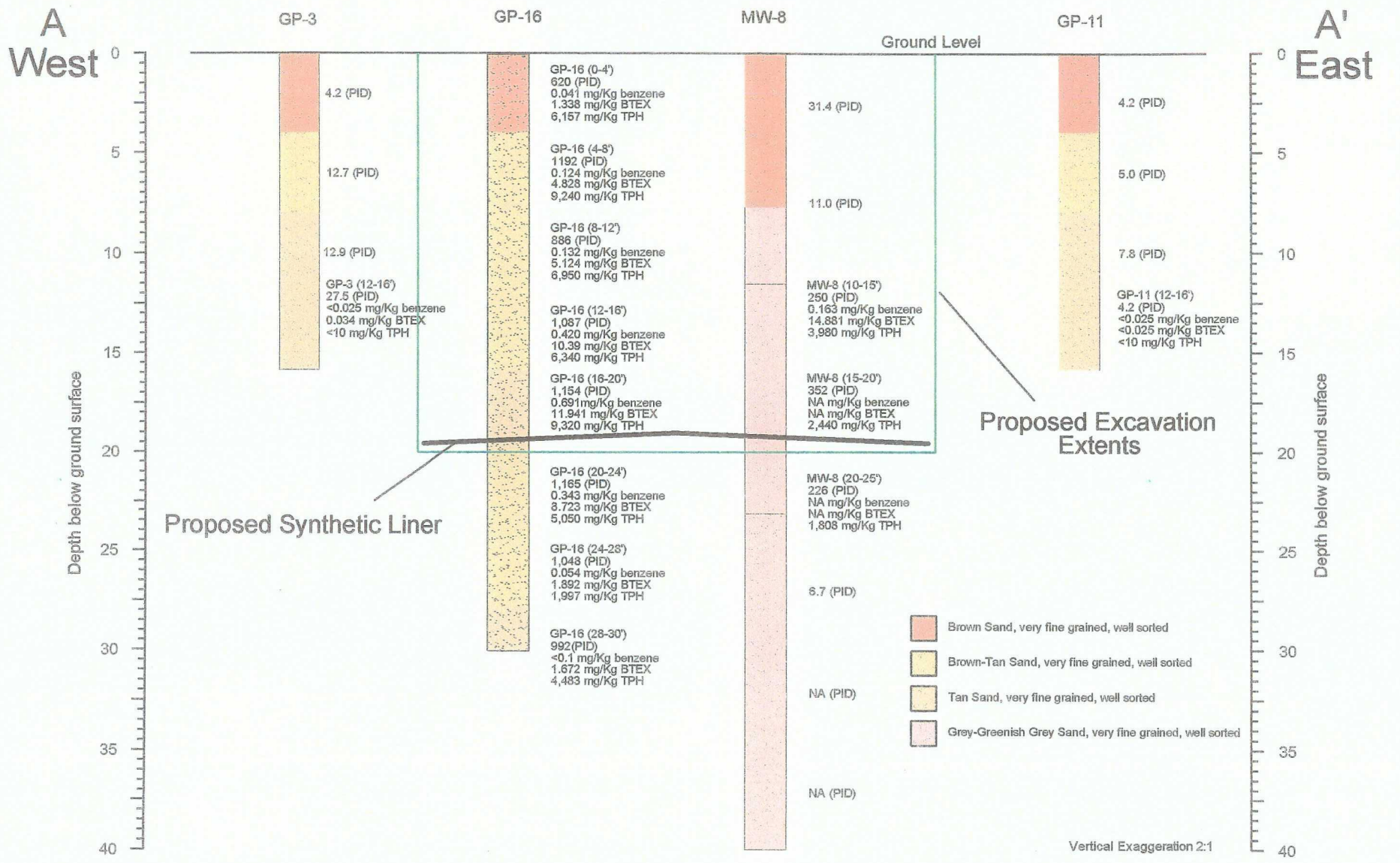
NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	CAD By: DGC	Checked By: CDS
March 23, 2007		

APPENDIX B

Cross-Section A-A'



Stratagraphic Cross Section A to A'

Plains Marketing, L.P. Texaco Skelly "F" Site Lea County, NM

NOVA safety and environmental

NOVA Safety and Environmental

Scale: NTS	Prep By: CDS	Checked By: CDS
December 27, 2007		

APPENDIX C

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

E.T.G.I.
ATTN: KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.0 deg C
Project Name: Texaco Skelly F
Project #: EOT 2082C
Project Location: Monument, NM

Sampling Date: See Below
Receiving Date: 12/21/01
Analysis Date: 12/26/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
0102273-04	GP-1 12-16'	<0.025	0.042	<0.025	0.031	<0.025	12/11/01
0102273-08	GP-2 12-16'	<0.025	0.037	<0.025	<0.025	<0.025	12/11/01
0102273-12	GP-3 12-16'	<0.025	0.034	<0.025	<0.025	<0.025	12/11/01
0102273-16	GP-4 12-16'	<0.025	0.034	<0.025	<0.025	<0.025	12/11/01
0102273-20	GP-5 12-16'	<0.025	0.032	<0.025	<0.025	<0.025	12/11/01
0102273-24	GP-6 12-16'	<0.025	0.034	<0.025	<0.025	<0.025	12/11/01
0102273-27	GP-7 8-12'	<0.025	0.038	<0.025	0.028	<0.025	12/11/01
0102273-31	GP-8 12-16'	<0.025	0.029	<0.025	<0.025	<0.025	12/15/01
0102273-33	GP-9 4-8'	<0.025	0.027	<0.025	<0.025	<0.025	12/15/01
0102273-37	GP-10 12-16'	<0.025	0.030	<0.025	<0.025	<0.025	12/15/01
0102273-41	GP-11 12-16'	<0.025	0.026	<0.025	<0.025	<0.025	12/15/01
0102273-45	GP-12 12-16'	<0.025	0.026	<0.025	<0.025	<0.025	12/15/01
0102273-48	GP-13 8-12'	<0.025	0.854	<0.025	<0.025	<0.025	12/15/01
0102273-53	GP-14 12-16'	<0.025	0.028	<0.025	<0.025	<0.025	12/15/01
0102273-57	GP-15 12-16'	<0.025	0.028	<0.025	<0.025	<0.025	12/15/01
	QUALITY CONTROL	0.112	0.112	0.104	0.210	0.096	
	TRUE VALUE	0.100	0.100	0.100	0.200	0.100	
	% IA	112	112	104	105	96	
	SPIKED AMOUNT	0.100	0.100	0.100	0.200	0.100	
	ORIGINAL SAMPLE	<0.025	<0.025	<0.025	<0.025	<0.025	
	SPIKE	0.096	0.100	0.105	0.219	0.105	
	SPIKE DUP	0.110	0.116	0.110	0.228	0.110	
	%EA	96	100	105	110	105	
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025	
	RPD	13.6	14.8	4.65	3.57	4.65	

METHODS: EPA SW 846-8021B ,5030

Celey D. Keene
Raland K. Tuttle

12-31-01
Date

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

E.T.G.I.
ATTN: KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.0 deg C
Project Name: Texaco Skelly F
Project #: EOT 2082C
Project Location: Monument, NM

Sampling Date: See Below
Receiving Date: 12/21/01
Analysis Date: 12/27/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg	SAMPLE DATE
0102273-58	GP-16 0-4'	0.041	0.158	0.298	0.762	0.237	12/15/01
0102273-59	GP-16 4-8'	0.124	0.819	1.34	2.37	0.994	12/15/01
0102273-60	GP-16 8-12'	0.132	0.785	1.12	3.29	0.582	12/15/01
0102273-61	GP-16 12-16'	0.420	1.64	2.19	6.40	1.38	12/15/01
0102273-62	GP-16 16-20'	0.691	2.04	3.10	6.88	1.27	12/15/01
0102273-63	GP-16 20-24'	0.343	1.34	2.20	5.01	1.17	12/15/01
0102273-64	GP-16 24-28'	0.054	0.436	0.593	0.852	0.393	12/15/01
0102273-65	GP-16 28-30'	<0.100	0.451	0.557	0.845	0.270	12/15/01
0102273-66	GP-17 0-4'	0.315	1.94	2.28	4.98	1.61	12/16/01
0102273-67	GP-17 4-8'	0.506	3.49	5.79	11.8	2.64	12/16/01
0102273-68	GP-17 8-12'	1.47	7.66	12.5	21.9	4.36	12/16/01
0102273-69	GP-17 12-16'	1.96	8.98	13.6	22.3	4.43	12/16/01
0102273-70	GP-17 16-20'	0.506	3.52	7.44	12.4	3.07	12/16/01
0102273-71	GP-17 20-24'	0.261	1.72	3.76	7.90	1.89	12/16/01
0102273-72	GP-17 24-28'	0.440	2.19	4.10	8.13	2.06	12/16/01
0102273-73	GP-18 0-4'	0.161	1.04	1.39	4.41	0.568	12/16/01
0102273-74	GP-18 4-8'	<0.100	0.380	0.839	2.62	0.309	12/16/01
0102273-75	GP-18 8-12'	0.437	2.74	3.87	9.58	1.89	12/16/01
	QUALITY CONTROL	0.106	0112	0.113	0.228	0.110	
	TRUE VALUE	0.100	0.100	0.100	0.200	0.100	
	% IA	106	112	113	114	110	
	SPIKED AMOUNT	0.100	0.100	0.100	0.200	0.100	
	ORIGINAL SAMPLE	<0.025	<0.025	<0.025	<0.025	<0.025	
	SPIKE	0.115	0.115	0.111	0.230	0.114	
	SPIKE DUP.	0.109	0.108	0.108	0.222	0.106	
	%EA	109	108	108	111	106	
	BLANK	<0.025	<0.025	<0.025	<0.025	<0.025	
	RPD	5.36	6.28	2.74	3.54	7.27	

METHODS: EPA SW 846-8021B, 5030

Celey D. Keene
Raland K. Tuttle

12-31-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

E.T.G.I.
ATTN: KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.0 deg C
Project Name: Texaco Skelly F
Project #: EOT 2082C
Project Location: Monument, NM

Sampling Date: 12/16/01
Receiving Date: 12/21/01
Analysis Date: 12/28/01

ELT#	FIELD CODE	BENZENE mg/kg	TOLUENE mg/kg	ETHYLBENZENE mg/kg	m,p-XYLENE mg/kg	o-XYLENE mg/kg
0102273-76	GP-18 12-16'	0.654	2.84	4.02	9.51	1.58
0102273-77	GP-18 16-20'	1.12	3.69	5.56	11.2	2.12
0102273-78	GP-18 20-24'	1.77	4.53	6.71	14.5	2.35
0102273-79	GP-18 24-28'	0.509	2.45	3.80	8.66	1.69
0102273-80	GP-19 0-4'	<0.100	0.452	0.675	2.71	0.754
0102273-81	GP-19 4-8'	<0.100	0.568	1.21	3.65	0.890
0102273-82	GP-19 8-12'	0.435	2.00	2.73	8.15	1.66
QUALITY CONTROL		0.109	0.115	0.109	0.228	0.114
TRUE VALUE		0.100	0.100	0.100	0.200	0.100
% IA		109	115	109	114	114
SPIKED AMOUNT		0.100	0.100	0.100	0.200	0.100
ORIGINAL SAMPLE		<0.025	<0.025	<0.025	<0.025	<0.025
SPIKE		0.108	0.112	0.112	0.235	0.112
SPIKE DUP		0.114	0.116	0.115	0.233	0.111
%EA		108	110	112	116	112
BLANK		<0.025	<0.025	<0.025	<0.025	<0.025
RPD		5.40	3.57	2.64	1.74	0.90

METHODS: EPA SW 846-8021B, 5030

Celey D. Keene
Raland K. Tuttle

12-31-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

E.T.G.I.
ATTN: KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.0 deg C
Project Name: Texaco Skelly F
Project #: EOT 2082C
Project Location: Monument, NM

Sampling Date: See Below
Receiving Date: 12/21/01
Analysis Date: 12/26/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
0102273-04	GP-1 12-16'	<10	<10	12/11/01
0102273-08	GP-2 12-16'	<10	<10	12/11/01
0102273-12	GP-3 12-16'	<10	<10	12/11/01
0102273-16	GP-4 12-16'	<10	<10	12/11/01
0102273-20	GP-5 12-16'	<10	58	12/11/01
0102273-24	GP-6 12-16'	<10	<10	12/11/01
0102273-27	GP-7 8-12'	<10	<10	12/11/01
0102273-31	GP-8 12-16'	<10	<10	12/15/01
0102273-33	GP-9 4-8'	<10	37	12/15/01
0102273-37	GP-10 12-16'	<10	<10	12/15/01
0102273-41	GP-11 12-16'	<10	<10	12/15/01
0102273-45	GP-12 12-16'	<10	<10	12/15/01
0102273-48	GP-13 8-12'	<10	<10	12/15/01
0102273-53	GP-14 12-16'	<10	<10	12/15/01
0102273-57	GP-15 12-16'	<10	<10	12/15/01
0102273-58	GP-16 0-4'	327	5830	12/15/01
0102273-59	GP-16 4-8'	1120	8120	12/15/01
0102273-60	GP-16 8-12'	900	6050	12/15/01
0102273-61	GP-16 12-16'	1000	5340	12/15/01
0102273-62	GP-16 16-20'	1930	7390	12/15/01
	QUALITY CONTROL	443	450	
	TRUE VALUE	500	500	
	% INSTRUMENT ACCURACY	89	90	
	SPIKED AMOUNT	476	476	
	ORIGINAL SAMPLE	<10	<10	
	SPIKE	424	478	
	SPIKE DUP	412	494	
	% EXTRACTION ACCURACY	89	100	
	BLANK	<10	<10	
	RPD	2.87	3.29	

Methods: SW 846-8015M

Celey D. Keene
Raland K. Tuttle

12-31-01
Date

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

E.T.G.I.
ATTN: KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

Sampling Date: 12/15/01
Receiving Date: 12/21/01
Analysis Date: 12/26/01

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.0 deg C
Project Name: Texaco Skelly F
Project #: EOT 2082C
Project Location: Monument, NM

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg
0102273-63	GP-16 20-24'	830	4220

QUALITY CONTROL		
TRUE VALUE	463	464
% INSTRUMENT ACCURACY	500	500
SPIKED AMOUNT	93	93
ORIGINAL SAMPLE	476	476
SPIKE	<10	174
SPIKE DUP	457	697
% EXTRACTION ACCURACY	479	633
BLANK	101	96
RPD	<10	<10
	4.70	9.62

Methods: SW 846-8015M

Celey D. Keene
Raland K. Tuttle

12-31-01
Date

ENVIRONMENTAL LAB OF , INC.

"Don't Treat Your Soil Like Dirt!"

E.T.G.I.
ATTN: KEN DUTTON
2540 W. MARLAND
HOBBS, NM 88240
FAX: 505-397-4701

Sample Type: Soil
Sample Condition: Intact/ Iced/ -2.0 deg C
Project Name: Texaco Skelly F
Project #: EOT 2082C
Project Location: Monument, NM

Sampling Date: See Below
Receiving Date: 12/21/01
Analysis Date: 12/27/01

ELT#	FIELD CODE	GRO C6-C10 mg/kg	DRO >C10-C28 mg/kg	SAMPLE DATE
0102273-64	GP-16 24-28'	257	1740	12/15/01
0102273-65	GP-16 28-30'	403	4080	12/15/01
0102273-66	GP-17 0-4'	1070	5060	12/16/01
0102273-67	GP-17 4-8'	1430	4940	12/16/01
0102273-68	GP-17 8-12'	3480	12200	12/16/01
0102273-69	GP-17 12-16'	3480	9360	12/16/01
0102273-70	GP-17 16-20'	925	3390	12/16/01
0102273-71	GP-17 20-24'	604	2190	12/16/01
0102273-72	GP-17 24-28'	1140	5670	12/16/01
0102273-73	GP-18 0-4'	1020	6710	12/16/01
0102273-74	GP-18 4-8'	538	6410	12/16/01
0102273-75	GP-18 8-12'	1950	9120	12/16/01
0102273-76	GP-18 12-16'	1700	6120	12/16/01
0102273-77	GP-18 16-20'	2590	7760	12/16/01
0102273-78	GP-18 20-24'	3490	11100	12/16/01
0102273-79	GP-18 24-28'	1020	3040	12/16/01
0102273-80	GP-19 0-4'	276	4110	12/16/01
0102273-81	GP-19 4-8'	471	4570	12/16/01
0102273-82	GP-19 8-12'	2400	8740	12/16/01
	QUALITY CONTROL	468	444	
	TRUE VALUE	500	500	
	% INSTRUMENT ACCURACY	94	89	
	SPIKED AMOUNT	476	476	
	ORIGINAL SAMPLE	<10	<10	
	SPIKE	455	443	
	SPIKE DUP	500	468	
	% EXTRACTION ACCURACY	96	89	
	BLANK	<10	<10	
	RPD	9.42	5.49	

Methods: SW 846-8015M

Celey D. Keene
Raland K. Tuttle

12-31-01
Date

COC # 244

pag 1 of 9

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: Ken Dutton
Company Name: ETGI
Company Address: 2540 W. Marland
City/State/Zip: Hobbs nm 88240
Telephone No: (505) 397-4882 (910 - 9883)
Fax No: (505) 397-471d
Sampler Signature: Camille Reynolds

Project Name: Texaco SKelly F
Project #: EIOT 2082C
Project Loc: Monument, 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: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TCLP / TOTAL: TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
0102273-01	GP-1 0-4'	11 Dec 2001	0854	1	X									X											X
02	GP-1 4-8'		0904																						
03	GP-1 8-12'		0913																						
04	GP-1 12-16		0922																X				X		X
05	GP-2 0-4'		0940																						
06	GP-2 4-8'		0948																						
07	GP-2 8-12'		0954																						
08	GP-2 12-16'		1001																X				X		X
09	GP-3 0-4'		1020																						
10	GP-3 4-8'		1026																						

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: -20°C

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec 01	1450			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				12-21-01	1450

LOC 214
Page 2 of 9

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: Ken Dutton
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: Texaco Skelly F
Project #: EOT 2082C
Project Loc: Monument, 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: 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
0102273-11	GP-3 8-12'	11 Dec 2001	1032	1	X									X											X
12	GP-3 12-16'		1037																X				X		X
13	GP-4 0-4'		1054																						
14	GP-4 4-8'		1100																						
15	GP-4 8-12'		1106																						
16	GP-4 12-16'		1118																X				X		X
17	GP-5 0-4'		1234																						
18	GP-5 4-8'		1239																						
19	GP-5 8-12'		1249																						
20	GP-5 12-16'		1302																X				X		X

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec 01	1450			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				12-21-01	1450

COC # 214
Page 3 of 9

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: Ken Dutton
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: Texaco Skelly F
Project #: EOT 20822
Project Loc: Monument, 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: 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
0102273-21	GP-6 0-4'	11 Dec	1327	1	X									X											X
22	GP-6 4-8'		1340																						
23	GP-6 8-12'		1349																						
24	GP-6 12-16'		1356																X				X		X
25	GP-7 0-4'		1422																						
26	GP-7 4-8'		1427																						
27	GP-7 8-12'		1438																X				X		X
28	GP-8 0-4'	13 Dec	0809																						
29	GP-8 4-8'		0816																						
30	GP-8 8-12'		0823																						

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec 01	1450			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				12-21-01	1450

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.0°C
Laboratory Comments:

Environmental Lab of Texas, Inc.

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

Cont-1
pag 4 of 9

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ken Dutton
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: Texaco Skelly F
Project #: EOT 2082C
Project Loc: Monument, 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: 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
0102273-31	GP-8 12-16'	15 Dec 2001	0857	1	X									X					X				X								X
32	GP-9 0-4'		0911																												
33	GP-9 4-8'		0924																X				X								X
34	GP-10 0-4'		0940																												
35	GP-10 4-8'		0950																												
36	GP-10 8-12'		0954																												
37	GP-10 12-16'		1013																X				X								X
38	GP-11 0-4'		1033																												
39	GP-11 4-8'		1036																												
40	GP-11 8-12'		1045																												

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec	1450			
Relinquished by	Date	Time	Received by ELOT:	Date	Time
				12/21/01	1450

Environmental Lab of Texas, Inc.

CoC #214
Page 5 of 9

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: 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: Texaco Skelly F
Project #: EOT 2082 C
Project Loc: Monument, nm
PO #:

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	Analyze For: TCLP: TDS / CL / SAR / EC	TOTAL: 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
0102273-41	GP-11 12-16'	15 Dec 2001	1053	1	X									X					X				X		X
42	GP-12 0-4'		1115																X				X		
43	GP-12 4-8'		1119																X				X		
44	GP-12 8-12'		1124																X				X		
45	GP-12 12-16'		1130																X				X		X
46	GP-13 0-4'		1246																						
47	GP-13 4-8'		1251																						
48	GP-13 8-12'		1256																X				X		X
49	GP-13 12-16'		1306																						
50	GP-14 0-4'	↓	1320	↓	↓									↓											

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec 01	1452			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				12/21/01	1452

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: Ken Dutton
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: Texaco Skelly F
Project #: EOT 2082C
Project Loc: Monument, nm
PO #:

Analyze For: (TCLP / TOTAL)

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO_3	HCl	NaOH	H_2SO_4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify)	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
0102273-S1	GP-14 4-8'	15 Dec 2001	1328	1	X									X									X						X
S2	GP-14 8-12'		1334																										
S3	GP-14 12-16'		1342																X				X						X
S4	GP-15 0-4		1355																										
S5	GP-15 4-8'		1403																										
S6	GP-15 8-12'		1410																										
S7	GP-15 12-16'		1418																X				X						X
S8	GP-16 0-4'		1436																										
S9	GP-16 4-8'		1442																										
10	GP-16 8-12'		1451																										

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt:
Laboratory Comments: -2.0°C

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec 01	1450			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				12-21-01	1450

Environmental Lab of Texas, Inc.

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Odessa, Texas 79763
Phone: 915-563-1800
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CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ken Dutton
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: Texaco Skelly F
Project #: EOT 2082C
Project Loc: Monument, 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
0102273-61	GP-16 12-16'	15 Dec	1500	1	X									X					X				X								X
62	GP-16 16-20'		1523																												
63	GP-16 20-24'		1534																												
64	GP-16 24-28'		1548																												
65	GP-16 28-30'		1600																												
66	GP-17 0-4'	16 Dec	0730																												
67	GP-17 4-8'		0736																												
68	GP-17 8-12'		0745																												
69	GP-17 12-16'		0800																												
70	GP-17 16-20'		0810																												

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -2.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec	1450			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
				12/21/01	1450

COC # 2,1

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Environmental Lab of Texas, Inc.

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Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ken Dutton
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: Texaco Skelly F
Project #: EOT 2082C
Project Loc: Monument, 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: 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
010227S-71	GP-17	20-24'	16 Dec 2001	0825	1	X									X					X				X									X
72	GP-17	24-28'		0835																													
73	GP-18	0-4'		0905																													
74	GP-18	4-8'		0915																													
75	GP-18	8-12'		0920																													
76	GP-18	12-16'		0925																													
77	GP-18	16-20'		0930																													
78	GP-18	20-24'		0945																													
79	GP-18	24-28'		1000																													
80	GP-19	0-4'		1010																													

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: ~2.0°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec 01	1450			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Diane McMurray	12-21-01	1450

Environmental Lab of Texas, Inc.

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Odessa, Texas 79763
Phone: 915-563-1800
Fax: 915-563-1713

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: Ken Dutton
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: Texaco Skelly E
Project #: EOT 2082C
Project Loc: Monument, 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: TDS / CL / SAR / EC	TPH 418.1	TPH TX 1005/1006	TCLP/TOTAL: TPH 8015M GRO/DRO	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RUSH TAT (Pre-Schedule)	Standard TAT
0102273-81	GP-19 4-8'	11 Dec 2001	1020	1	X									X					X				X		X
↓ 82	GP-19 8-12'	↓	1030	↓	↓									↓					↓				↓		X

Special Instructions:

Sample Containers Intact? (Y) N
Temperature Upon Receipt: -20°C
Laboratory Comments:

Relinquished by:	Date	Time	Received by:	Date	Time
Camille Reynolds	21 Dec	1457			
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Jeanne McMurrey	12-21-01	1450

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 128971 **Report Date:** 05/09/02
Project ID: Texaco Skelly F EOT 2082C
Sample Name: MW-1 (23-25')
Sample Matrix: soil
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 04/28/2002 **Time:** 15:08

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	3.7	124.8	119.8	107.5
TPH by GC (as diesel-ext)	---	---	---	---	05/08/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	9.3	94.7	110.4	93.7
Volatile organics-8260b/BTEX	---		---		05/08/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	11.7	115.5	106	100
Ethylbenzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.8	89.9	91.2	86.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/08/02	8260b	---	0.9	95.9	98	92
o-Xylene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.6	87.9	89.7	85
Toluene	<20	µg/Kg	20	<20	05/08/02	8260b	---	9.3	129.3	117.8	111.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

4221 Freidrich Lane, Suite 300, Austin, TX 78744
2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

ent: Environmental Tech Group **n:** Ken Dutton	**Project ID:** Texaco Skelly F EOT 2082C **Sample Name:** MW-1 (23-25')	**Report#/Lab ID#:** 128971 **Sample Matrix:** soil

PORT OF SURROGATE RECOVERY

rrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
robenzene-d5	8015 mod.	107	50-150	---
'erphenyl	8015 mod.	82.2	50-150	---
-Dichloroethane-d4	8260b	84.3	65-115	---
uene-d8	8260b	84.8	50-120	---

a Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 128972 **Report Date:** 05/09/02
Project ID: Texaco Skelly F EOT 2082C
Sample Name: MW-1 (33-35')
Sample Matrix: soil
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 04/29/2002 **Time:** 15:30

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	3.7	124.8	119.8	107.5
TPH by GC (as diesel-ext)	---	---	---	---	05/08/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	9.3	94.7	110.4	93.7
Volatile organics-8260b/BTEX	---		---		05/08/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	11.7	115.5	106	100
Ethylbenzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.8	89.9	91.2	86.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/08/02	8260b	---	0.9	95.9	98	92
o-Xylene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.6	87.9	89.7	85
Toluene	<20	µg/Kg	20	<20	05/08/02	8260b	---	9.3	129.3	117.8	111.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

ient: Environmental Tech Group **tn:** Ken Dutton	**Project ID:** Texaco Skelly F EOT 2082C **Sample Name:** MW-1 (33-35')	**Report#/Lab ID#:** 128972 **Sample Matrix:** soil

PORT OF SURROGATE RECOVERY

rrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
robenzene-d5	8015 mod.	130	50-150	---
'erphenyl	8015 mod.	101	50-150	---
-Dichloroethane-d4	8260b	87.1	65-115	---
uene-d8	8260b	86.6	50-120	---

a Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 128973 **Report Date:** 05/09/02
Project ID: Texaco Skelly F EOT 2082C
Sample Name: MW-2 (23-25')
Sample Matrix: soil
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 04/30/2002 **Time:** 15:06

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	13	108.5	96.6	94.6
TPH by GC (as diesel-ext)	---	---	---	---	05/08/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	4.5	100.9	109.3	85.2
Volatile organics-8260b/BTEX	---		---		05/08/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	11.7	115.5	106	100
Ethylbenzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.8	89.9	91.2	86.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/08/02	8260b	---	0.9	95.9	98	92
o-Xylene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.6	87.9	89.7	85
Toluene	<20	µg/Kg	20	<20	05/08/02	8260b	---	9.3	129.3	117.8	111.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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(512) 444-5896 • FAX (512) 447-4766

ient: Environmental Tech Group
tn: Ken Dutton

Project ID: Texaco Skelly F EOT 2082C
Sample Name: MW-2 (23-25')

Report#/Lab ID#: 128973
Sample Matrix: soil

PORT OF SURROGATE RECOVERY

rrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
robenzene-d5	8015 mod.	115	50-150	---
erphenyl	8015 mod.	89.2	50-150	---
-Dichloroethane-d4	8260b	76.5	65-115	---
luene-d8	8260b	74.1	50-120	---

a Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.
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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 128974 **Report Date:** 05/09/02
Project ID: Texaco Skelly F EOT 2082C
Sample Name: MW-2 (28-30')
Sample Matrix: soil
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 04/30/2002 **Time:** 15:15

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	J	3.7	124.8	119.8	107.5
TPH by GC (as diesel-ext)	---	---	---	---	05/08/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/08/02	8015 mod.	---	9.3	94.7	110.4	93.7
Volatile organics-8260b/BTEX	---		---		05/08/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	11.7	115.5	106	100
Ethylbenzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.8	89.9	91.2	86.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/08/02	8260b	---	0.9	95.9	98	92
o-Xylene	<20	µg/Kg	20	<20	05/08/02	8260b	---	1.6	87.9	89.7	85
Toluene	<20	µg/Kg	20	<20	05/08/02	8260b	---	9.3	129.3	117.8	111.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

ient: Environmental Tech Group **tn:** Ken Dutton	**Project ID:** Texaco Skelly F EOT 2082C **Sample Name:** MW-2 (28-30')	**Report#/Lab ID#:** 128974 **Sample Matrix:** soil

PORT OF SURROGATE RECOVERY

rrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
robenzene-d5	8015 mod.	137	50-150	---
erphenyl	8015 mod.	136	50-150	---
-Dichloroethane-d4	8260b	79.1	65-115	---
luene-d8	8260b	79.9	50-120	---

a Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 128974 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Texaco Skelly F EOT 2082C
Sample Name: MW-2 (28-30')

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

Flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
PH by GC (as diesel)	J	See J-flag discussion above.

Notes:

ANALYSYS INC.
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2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 128975 **Report Date:** 05/09/02
Project ID: Texaco Skelly F EOT 2082C
Sample Name: RW-1 (23-25')
Sample Matrix: soil
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/01/2002 **Time:** 10:36

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	1540	mg/Kg	50	<50	05/09/02	8015 mod.	---	3.7	124.8	119.8	107.5
TPH by GC (as diesel-ext)	---	---	---	---	05/08/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	654	mg/Kg	50	<50	05/09/02	8015 mod.	---	9.3	94.7	110.4	93.7
Volatile organics-8260b/BTEX	---		---		05/08/02	8260b	---	---	---	---	---
Benzene	27.2	µg/Kg	20	<20	05/08/02	8260b	---	2	80.5	94.8	81.7
Ethylbenzene	3580	µg/Kg	20	<20	05/08/02	8260b	---	1.5	101.8	105.8	103.5
m,p-Xylenes	5420	µg/Kg	20	<20	05/08/02	8260b	---	3.2	103.5	109.1	106.4
o-Xylene	2000	µg/Kg	20	<20	05/08/02	8260b	---	1	105.5	108.9	106.8
Toluene	473	µg/Kg	20	<20	05/08/02	8260b	---	8.2	74.4	80.3	77.9

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

ient: Environmental Tech Group
tn: Ken Dutton

Project ID: Texaco Skelly F EOT 2082C
Sample Name: RW-1 (23-25')

Report#/Lab ID#: 128975
Sample Matrix: soil

PORT OF SURROGATE RECOVERY

rrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
robenzene-d5	8015 mod.	none/diluted	diluted @ 5X	D
erphenyl	8015 mod.	none/diluted	diluted @ 5X	D
-Dichloroethane-d4	8260b	91.1	65-115	---
luene-d8	8260b	94	50-120	---

a Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

Exceptions Report:

Report #/Lab ID#: 128975 **Matrix:** soil
Client: Environmental Tech Group **Attn:** Ken Dutton
Project ID: Texaco Skelly F EOT 2082C
Sample Name: RW-1 (23-25')

Sample Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

Sample Bottles & Preservation

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☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

J flag Discussion

A J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for background levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the Detection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been verified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

Comments pertaining to Data Qualifiers and QC data:

Parameter	Qualif	Comment
Nitrobenzene-d5	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
Nitrobenzene-d5	D	levels). Surrogate recoveries not accurately quantifiable.
o-Terphenyl	D	Sample diluted to assure quantitation within calibration range or due to Matrix interferences or other matrix effects (eg. high non-target organic
o-Terphenyl	D	levels). Surrogate recoveries not accurately quantifiable.

Notes:

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 128976 **Report Date:** 05/09/02
Project ID: Texaco Skelly F EOT 2082C
Sample Name: RW-1 (28-30')
Sample Matrix: soil
Date Received: 05/03/2002 **Time:** 10:00
Date Sampled: 05/01/2002 **Time:** 10:41

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	155	mg/Kg	5	<5	05/08/02	8015 mod.	---	13	108.5	96.6	94.6
TPH by GC (as diesel-ext)	---	---	---	---	05/08/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	32.8	mg/Kg	5	<5	05/08/02	8015 mod.	---	4.5	100.9	109.3	85.2
Volatile organics-8260b/BTEX	---		---		05/08/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/08/02	8260b	---	11.7	115.5	106	100
Ethylbenzene	138	µg/Kg	20	<20	05/08/02	8260b	---	1.8	89.9	91.2	86.5
m,p-Xylenes	251	µg/Kg	20	<20	05/08/02	8260b	---	0.9	95.9	98	92
o-Xylene	64.7	µg/Kg	20	<20	05/08/02	8260b	---	1.6	87.9	89.7	85
Toluene	35.3	µg/Kg	20	<20	05/08/02	8260b	---	9.3	129.3	117.8	111.5

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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2209 N. Padre Island Dr., Corpus Christi, TX 7840408
(512) 444-5896 • FAX (512) 447-4766

ent: Environmental Tech Group
n: Ken Dutton

Project ID: Texaco Skelly F EOT 2082C
Sample Name: RW-1 (28-30')

Report#/Lab ID#: 128976
Sample Matrix: soil

PORT OF SURROGATE RECOVERY

rogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
obenzene-d5	8015 mod.	111	50-150	---
erphenyl	8015 mod.	86.3	50-150	---
Dichloroethane-d4	8260b	104	65-115	---
uene-d8	8260b	92	50-120	---

Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

COC#055

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4182 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#: EOT 2082 C Texaco Skelly F Sampler: Roger Eidson

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH (8015M) GRO/DRO	BTEX (8260B)	Comments
MW-1 (23-25')	4/29/02	1508	1	X			128971	X	X	
MW-1 (33-35')	4/29/02	1530	1	X			128972	X	X	
MW-2 (23-25')	4/30/02	15:06	1	X			128973	X	X	
MW-2 (28-30')	4/30/02	15:15	1	X			128974	X	X	
RW-1 (23-25')	5/1/02	10:36	1	X			128975	X	X	
RW-1 (28-30)	5/1/02	1041	1	X			128976	X	X	

Analyses Requested (1)
Please attach explanatory information as required

(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 reporting 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 Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

TEMP: 0.0 C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
Robert Eidson	ETGI	5-2-02	10:00	Melanie Humphrey	ASI	5/3/02	1000

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

ANALYSYS INC.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 . **FAX:** 505 397-4701

Report#/Lab ID#: 129257 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-3 (5')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/07/2002 **Time:** 12:32

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-3 (5')

Report#/Lab ID#: 129257
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	108	50-150	---
p-Terphenyl	8015 mod.	69.2	50-150	---
1,2-Dichloroethane-d4	8260b	78.1	65-115	---
Toluene-d8	8260b	87.2	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc.

4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129258 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-3 (25')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/07/2002 **Time:** 13:07

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	2.4	77.1	83.7	83
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.8	106	106.3	107.1
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	2.5	113.8	114.8	115.4
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.7	107.4	108.8	109.7
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.9	87.7	93.6	95.6

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSIS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-3 (25')

Report#/Lab ID#: 129258
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	78.6	50-150	---
1,2-Dichloroethane-d4	8260b	79.2	65-115	---
Toluene-d8	8260b	92.3	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129259 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-4 (5')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/07/2002 **Time:** 15:39

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	J	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

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ANALYSYS INC.

4221 Freidrich Lane,Suite 190, Austin, TX 78744
2209 N. Padre Island Dr., Corpus Christi, TX 78
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-4 (5')

Report#/Lab ID#: 129259
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	124	50-150	---
p-Terphenyl	8015 mod.	77.7	50-150	---
1,2-Dichloroethane-d4	8260b	74.3	65-115	---
Toluene-d8	8260b	87.9	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

xceptions Report:

eport #/Lab ID#: 129259 **Matrix:** soil
lient: Environmental Tech Group **Attn:** Ken Dutton
roject ID: EOT 2082 C Texaco Skelly "F" Site
ample Name: MW-4 (5')

mple Temperature/Condition <=6°C

The typical sample temperature criteria (except for metals by ICP, GFAA and AA and a very few other tests) is <= 6°C. Possible exceptions include samples submitted to laboratory within such a short time after sampling that cooling measures used in the field and during transport had insufficient time to achieve desired temperatures in the samples (see sample collection and sample receipt times) and samples where the temperature could not be measured due to sample submission in a manner precluding temperature measurement without impacting sample integrity (ex. in a bottle with no cooler).

mple Bottles & Preservation

☒ Sample received in appropriate container(s) and appear to be appropriately preserved.
☐ Sample received in appropriate container(s). State of sample preservation unknown.
☐ Sample received in inappropriate container(s) and/or with unknown state of preservation.

flag Discussion

J flag data qualifier indicates (as required under TNRCC-TRRP reporting requirements) that the raw calculated analyte concentration in the sample (uncorrected for ckground levels/blanks and other potential sources of sampling and analytical contamination), though less than the Reported Quantitation Limit (RQL) is greater than the etection Limit. Because the reported result is below the quantitation limit for this project/sample (or test procedure), GC/MS organics results may or MAY NOT have been rified as to the presence and relative ratio of target ions (eg. the material causing the J flag "hit" in such situations may be nothing more than background ion-fragment noise.)

omments pertaining to Data Qualifiers and QC data:

arameter	Qualif	Comment
p-Xylenes	J	See J-flag discussion above.

otes:

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129260 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-4 (25')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/07/2002 **Time:** 16:19

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-4 (25')

Report#/Lab ID#: 129260
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	118	50-150	---
p-Terphenyl	8015 mod.	75.7	50-150	---
1,2-Dichloroethane-d4	8260b	67.5	65-115	---
Toluene-d8	8260b	84.6	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

AnalySys Inc.
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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129261 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-5 (5')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/08/2002 **Time:** 13:02

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-5 (5')

Report#/Lab ID#: 129261
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	121	50-150	---
p-Terphenyl	8015 mod.	84.2	50-150	---
1,2-Dichloroethane-d4	8260b	83.6	65-115	---
Toluene-d8	8260b	93.7	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129262 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-5 (25')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/08/2002 **Time:** 13:48

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	<20	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: MW-5 (25')

Report#/Lab ID#: 129262
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	116	50-150	---
p-Terphenyl	8015 mod.	86.6	50-150	---
1,2-Dichloroethane-d4	8260b	76.3	65-115	---
Toluene-d8	8260b	86.9	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129263 **Report Date:** 05/15/02
Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: SB-1 (26')
Sample Matrix: soil
Date Received: 05/10/2002 **Time:** 10:00
Date Sampled: 05/08/2002 **Time:** 10:40

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	104	mg/Kg	5	<5	05/13/02	8015 mod.	---	1.2	95.8	117.9	86.1
TPH by GC (as diesel-ext)	---	---	---	---	05/13/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	13.1	mg/Kg	5	<5	05/13/02	8015 mod.	---	1	83.6	100.8	76.4
Volatile organics-8260b/BTEX	---		---		05/13/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.9	90.2	91.6	86.9
Ethylbenzene	46.5	µg/Kg	20	<20	05/13/02	8260b	---	0.6	102.7	104.3	107.5
m,p-Xylenes	99.9	µg/Kg	20	<20	05/13/02	8260b	---	0.7	111	112.4	115.9
o-Xylene	27.9	µg/Kg	20	<20	05/13/02	8260b	---	0.7	106	106.1	109.3
Toluene	<20	µg/Kg	20	<20	05/13/02	8260b	---	1.6	100.9	96.7	91

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ANALYSYS INC.

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082 C Texaco Skelly "F" Site
Sample Name: SB-1 (26')

Report#/Lab ID#: 129263
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	111	50-150	---
p-Terphenyl	8015 mod.	108	50-150	---
1,2-Dichloroethane-d4	8260b	87	65-115	---
Toluene-d8	8260b	83.6	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

COC: 063

CHAIN-OF-CUSTODY

AnalySys Inc.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
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.): N/A
Project Name/PO#: EOT 2082C Sampler: ROBERT FIDDEN
TEXACO SKELLY "F" SITE

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH GRO/DRO 8015M	BTEX (8260B)	Comments
MW-3 (5')	5/7/02	12:32	1	X			129257	X	X	STANDARD T.A.T.
MW-3 (25')	5/7/02	13:07	1	X			129258			
MW-4 (5')	5/7/02	15:39	1	X			129259			
MW-4 (25')	5/7/02	16:19	1	X			129260			
MW-5(5')	5/8/02	13:02	1	X			129261			
MW-5(25')	5/8/02	13:48	1	X			129262			
SB-1 (26')	5/8/02	10:40	1	X			129263			

(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 reporting 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 Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 0.0°C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
[illegible]	ETGI	5/9/01	12:00	Melanie Humphrey	ASI	5/10/02	1000

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

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240
Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129929 **Report Date:** 05/29/02
Project ID: EOT 2082C
Sample Name: MW-6 (25')
Sample Matrix: soil
Date Received: 05/22/2002 **Time:** 08:30
Date Sampled: 05/17/2002 **Time:** 10:58

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/28/02	8015 mod.	---	0	123.6	121.3	108.4
TPH by GC (as diesel-ext)	---	---	---	---	05/28/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/28/02	8015 mod.	---	5.9	117.8	104.5	89.7
Volatile organics-8260b/BTEX	---		---		05/24/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/24/02	8260b	---	3.5	86.6	87.3	88.7
Ethylbenzene	<20	µg/Kg	20	<20	05/24/02	8260b	---	3.6	103.9	110.8	114.4
m,p-Xylenes	<20	µg/Kg	20	<20	05/24/02	8260b	---	3.8	106.5	114.8	116.7
o-Xylene	<20	µg/Kg	20	<20	05/24/02	8260b	---	4.1	109.3	113.2	115.4
Toluene	<20	µg/Kg	20	<20	05/24/02	8260b	---	10.9	93.8	82.4	96.1

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

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(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082C
Sample Name: MW-6 (25')

Report#/Lab ID#: 129929
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	126	50-150	---
p-Terphenyl	8015 mod.	86.1	50-150	---
1,2-Dichloroethane-d4	8260b	86.2	65-115	---
Toluene-d8	8260b	87.3	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

ANALYSYS INC.

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Client: Environmental Tech Group
Attn: Ken Dutton
Address: 2540 W. Marland
Hobbs, NM 88240

Phone: 505 397-4882 **FAX:** 505 397-4701

Report#/Lab ID#: 129930 **Report Date:** 05/29/02
Project ID: EOT 2082C
Sample Name: MW-6 (30')
Sample Matrix: soil
Date Received: 05/22/2002 **Time:** 08:30
Date Sampled: 05/17/2002 **Time:** 11:17

REPORT OF ANALYSIS

QUALITY ASSURANCE DATA[1]

Parameter	Result	Units	RQL[5]	Blank	Date	Method[6]	Data Qual[7]	Prec.[2]	Recov.[3]	CCV[4]	LCS[4]
TPH by GC (as diesel)	<5	mg/Kg	5	<5	05/28/02	8015 mod.	---	0	123.6	121.3	108.4
TPH by GC (as diesel-ext)	---	---	---	---	05/28/02	3540	---	---	---	---	---
TPH by GC (as gasoline)	<5	mg/Kg	5	<5	05/28/02	8015 mod.	---	5.9	117.8	104.5	89.7
Volatile organics-8260b/BTEX	---		---		05/24/02	8260b	---	---	---	---	---
Benzene	<20	µg/Kg	20	<20	05/24/02	8260b	---	0.5	88.1	117.2	91.6
Ethylbenzene	<20	µg/Kg	20	<20	05/24/02	8260b	---	0.7	97.1	102.9	102
m,p-Xylenes	<20	µg/Kg	20	<20	05/24/02	8260b	---	0.2	97.8	104.8	102.3
o-Xylene	<20	µg/Kg	20	<20	05/24/02	8260b	---	1	96.7	100.2	102.3
Toluene	<20	µg/Kg	20	<20	05/24/02	8260b	---	0.5	93.1	106.6	97.7

This analytical report is respectfully submitted by AnalySys, Inc. The enclosed results have been carefully reviewed and, to the best of my knowledge, the analytical results are consistent with AnalySys, Inc.'s Quality Assurance/Quality Control Program.

Respectfully Submitted,

Richard Laster

Richard Laster

1. Quality assurance data is for the sample batch which included this sample. 2. Precision (PREC) is the absolute value of the relative percent (%) difference between duplicate measurements. 3. Recovery (Recov.) is the percent (%) of analyte recovered from a spiked sample. 4. Calibration Verification (CCV) and Laboratory Control Sample (LCS) results are expressed as the percent (%) recovery of analyte from a known standard or matrix. 5. Reporting Quantitation Limits (RQL), typically at or above the Practical Quantitation Limit (PQL) of the analytical method. 6. Method numbers typically denote USEPA procedures. Less than ("<") values reflect nominal quantitation limits adjusted for any required dilutions. 7. Data Qualifiers are J = analyte potentially present between the PQL and the MDL. B =Analyte detected in associated method blank(s). S1 =MS and/or MSD recovery exceed advisory limits. S2 =Post digestion spike (PDS) recovery exceeds advisory limit. S3 =MS and/or MSD and PDS recoveries exceed advisory limits. P =Precision higher than advisory limit. M =Matrix interference.

ANALYSYS INC.

4221 Freidrich Lane,Suite 190, Austin, TX 78744 &
2209 N. Padre Island Dr., Corpus Christi, TX 78408
(512) 444-5896 • FAX (512) 447-4766

Client: Environmental Tech Group
Attn: Ken Dutton

Project ID: EOT 2082C
Sample Name: MW-6 (30')

Report#/Lab ID#: 129930
Sample Matrix: soil

REPORT OF SURROGATE RECOVERY

Surrogate Compound	Method	Recovery	Recovery Limit	Data Qualifiers
Nitrobenzene-d5	8015 mod.	112	50-150	---
p-Terphenyl	8015 mod.	76.3	50-150	---
1,2-Dichloroethane-d4	8260b	84.9	65-115	---
Toluene-d8	8260b	89.6	50-120	---

Data Qualifiers: D= Surrogates diluted and X= Surrogates outside advisory recovery limits.

C.O.C. #77 3593

CHAIN-OF-CUSTODY

ANALYSYS INC.
4221 Freidrich Lane, Suite 190, Austin, TX 78744
Phone: (512) 444-5896
Fax: (512) 447-4766

Send Reports To:
Company Name ETGI
Address 2540 W MARLAND
City HOBBS State NM Zip 88240
ATTN: KEN DUTTON
Phone (505) 397-4182 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.): N/A
Project Name/PO#: EOT 2082C Sampler: R. EIDSON

Analyses Requested (1)
Please attach explanatory information as required

Client Sample No. Description/Identification	Date Sampled	Time Sampled	No. of Containers	Soil	Water	Waste	Lab I.D. # (Lab only)	TPH (8015M GRO/DRO)	BTEX (8021B/5030)	Comments
MW-6 (25')	5/17/02	10:58	1	X			129929	X	X	STANDARD T.A.T.
MW-6 (30')	5/17/02	11:17	1	X			129930	X	X	STANDARD T.A.T.

(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 reporting 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 Pollutants or ASI's HSL list at ASI's option. Specific compound lists must be supplied for all GC procedures.

Temp: 0.0° C

Sample Relinquished By				Sample Received By			
Name	Affiliation	Date	Time	Name	Affiliation	Date	Time
	E.T.G.I.	5/20/02	0800	Melanie Humphrey	ASI	5/22/02	0830

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

TRACEANALYSIS, INC.

6701 Aberdeen Avenue, Suite 9 Lubbock, Texas 79424 800•378•1296 806•794•1296 FAX 806•794•1298
155 McCutcheon, Suite H El Paso, Texas 79932 888•588•3443 915•585•3443 FAX 915•585•4944
E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Jennifer Lange
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: March 17, 2006

Work Order: 6031407

Project Location: Monument, NM
Project Name: Texaco Skelly F
Project Number: 2002-11229

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
85896	MW-7 10-15'	soil	2006-03-07	10:01	2006-03-14
85897	MW-7 20-25'	soil	2006-03-07	10:20	2006-03-14
85898	MW-8 10-15'	soil	2006-03-07	13:08	2006-03-14
85899	MW-8 15-20'	soil	2006-03-07	13:12	2006-03-14
85900	MW-8 20-25'	soil	2006-03-07	13:16	2006-03-14
85901	SB-2 10-15'	soil	2006-03-07	15:01	2006-03-14
85902	SB-2 15-20'	soil	2006-03-07	15:20	2006-03-14
85903	SB-2 20-25'	soil	2006-03-07	15:24	2006-03-14
85904	RW-2 10-15'	soil	2006-03-07	16:00	2006-03-14
85905	RW-2 20-25'	soil	2006-03-07	16:15	2006-03-14

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Blair Leftwich

Dr. Blair Leftwich, Director

Analytical Report

Sample: 85896 - MW-7 10-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		165	mg/Kg	1	150	110	50 - 150

Sample: 85896 - MW-7 10-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25239	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.987	mg/Kg	10	0.100	99	68 - 129.6
4-Bromofluorobenzene (4-BFB)		0.985	mg/Kg	10	0.100	98	71.9 - 123.7

Sample: 85897 - MW-7 20-25'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25298	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.0461**	mg/Kg	10	0.00100
Toluene		**0.0929**	mg/Kg	10	0.00100
Ethylbenzene		**0.455**	mg/Kg	10	0.00100
Xylene		**1.21**	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.864	mg/Kg	10	0.100	86	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		1.28	mg/Kg	10	0.100	128	40.8 - 140.1

Sample: 85897 - MW-7 20-25'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		170	mg/Kg	1	150	113	50 - 150

Sample: 85897 - MW-7 20-25'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25264	Date Analyzed:	2006-03-15	Analyzed By:	KB
Prep Batch:	22189	Sample Preparation:	2006-03-15	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**52.6**	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	0.00	mg/Kg	50	0.100	0	68 - 129.6
4-Bromofluorobenzene (4-BFB)	[2]	2.98	mg/Kg	50	0.100	60	71.9 - 123.7

Sample: 85898 - MW-8 10-15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25298	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		**0.163**	mg/Kg	50	0.00100
Toluene		**0.668**	mg/Kg	50	0.00100
Ethylbenzene		**4.66**	mg/Kg	50	0.00100
Xylene		**9.39**	mg/Kg	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[3]	1.12	mg/Kg	50	0.100	22	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)		3.82	mg/Kg	50	0.100	76	40.8 - 140.1

[1] Surrogate recovery out due to sample dilution.
[2] Surrogate recovery out due to sample dilution.
[3] Surrogate recovery out due to sample dilution.

Sample: 85898 - MW-8 10-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**1950**	mg/Kg	20	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		195	mg/Kg	20	7.50	130	50 - 150

Sample: 85898 - MW-8 10-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25264	Date Analyzed:	2006-03-15	Analyzed By:	KB
Prep Batch:	22189	Sample Preparation:	2006-03-15	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**2030**	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[4]	0.00	mg/Kg	200	0.100	0	68 - 129.6
4-Bromofluorobenzene (4-BFB)	[5]	42.9	mg/Kg	200	0.100	214	71.9 - 123.7

Sample: 85899 - MW-8 15-20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**1310**	mg/Kg	20	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		219	mg/Kg	20	7.50	146	50 - 150

Sample: 85899 - MW-8 15-20'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25264	Date Analyzed:	2006-03-15	Analyzed By:	KB
Prep Batch:	22189	Sample Preparation:	2006-03-15	Prepared By:	KB

[4] Surrogate out due to sample dilution.
[5] High surrogate recovery due to peak interference.

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**1130**	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[6]	0.00	mg/Kg	200	0.100	0	68 - 129.6
4-Bromofluorobenzene (4-BFB)	[7]	14.2	mg/Kg	200	0.100	71	71.9 - 123.7

Sample: 85900 - MW-8 20-25'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**824**	mg/Kg	10	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		207	mg/Kg	10	15.0	138	50 - 150

Sample: 85900 - MW-8 20-25'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25264	Date Analyzed:	2006-03-15	Analyzed By:	KB
Prep Batch:	22189	Sample Preparation:	2006-03-15	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**984**	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[8]	0.00	mg/Kg	100	0.100	0	68 - 129.6
4-Bromofluorobenzene (4-BFB)		10.9	mg/Kg	100	0.100	109	71.9 - 123.7

Sample: 85901 - SB-2 10-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

[6] Surrogate recovery out due to sample dilution.
[7] Surrogate recovery out due to sample dilution.
[8] Surrogate recovery out due to sample dilution.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		186	mg/Kg	1	150	124	50 - 150

Sample: 85901 - SB-2 10-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25239	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.05	mg/Kg	10	0.100	105	68 - 129.6
4-Bromofluorobenzene (4-BFB)		0.981	mg/Kg	10	0.100	98	71.9 - 123.7

Sample: 85902 - SB-2 15-20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		172	mg/Kg	1	150	115	50 - 150

Sample: 85902 - SB-2 15-20'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25264	Date Analyzed:	2006-03-15	Analyzed By:	KB
Prep Batch:	22189	Sample Preparation:	2006-03-15	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.685	mg/Kg	10	0.100	68	68 - 129.6
4-Bromofluorobenzene (4-BFB)		0.726	mg/Kg	10	0.100	73	71.9 - 123.7

Sample: 85903 - SB-2 20-25'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25298	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	[9]	<0.0500	mg/Kg	50	0.00100
Toluene		<0.0500	mg/Kg	50	0.00100
Ethylbenzene		**0.125**	mg/Kg	50	0.00100
Xylene		**0.376**	mg/Kg	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[10]	1.19	mg/Kg	50	0.100	24	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)	[11]	1.20	mg/Kg	50	0.100	24	40.8 - 140.1

Sample: 85903 - SB-2 20-25'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25268	Date Analyzed:	2006-03-15	Analyzed By:	DS
Prep Batch:	22187	Sample Preparation:	2006-03-15	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**1060**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[12]	288	mg/Kg	1	150	192	57.5 - 139

Sample: 85903 - SB-2 20-25'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25239	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**281**	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[13]	1.01	mg/Kg	50	0.100	20	68 - 129.6
4-Bromofluorobenzene (4-BFB)	[14]	9.68	mg/Kg	50	0.100	194	71.9 - 123.7

[9] Sample ran at dilution due to hydrocarbons with a retention time greater than xylene.
[10] Surrogate recovery out due to sample dilution.
[11] Surrogate recovery out due to sample dilution.
[12] High surrogate recovery due to peak interference.
[13] Surrogate recovery out due to dilution.
[14] High surrogate recovery due to peak interference.

Sample: 85904 - RW-2 10-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		174	mg/Kg	1	150	116	50 - 150

Sample: 85904 - RW-2 10-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25239	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	10	0.100	102	68 - 129.6
4-Bromofluorobenzene (4-BFB)		0.923	mg/Kg	10	0.100	92	71.9 - 123.7

Sample: 85905 - RW-2 20-25'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	25298	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	[15]	<0.0500	mg/Kg	50	0.00100
Toluene		**0.547**	mg/Kg	50	0.00100
Ethylbenzene		**2.74**	mg/Kg	50	0.00100
Xylene		**4.31**	mg/Kg	50	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[16]	1.08	mg/Kg	50	0.100	22	40.8 - 133.7
4-Bromofluorobenzene (4-BFB)	[17]	1.87	mg/Kg	50	0.100	37	40.8 - 140.1

[15] Sample ran at dilution due to hydrocarbons with a retention time greater than xylene.
[16] Surrogate recovery out due to sample dilution.
[17] Surrogate recovery out due to sample dilution.

Sample: 85905 - RW-2 20-25'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	25248	Date Analyzed:	2006-03-15	Analyzed By:	JL
Prep Batch:	22177	Sample Preparation:	2006-03-14	Prepared By:	JL

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**1400**	mg/Kg	10	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		211	mg/Kg	10	15.0	141	50 - 150

Sample: 85905 - RW-2 20-25'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	25239	Date Analyzed:	2006-03-14	Analyzed By:	KB
Prep Batch:	22169	Sample Preparation:	2006-03-14	Prepared By:	KB

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**656**	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[18]	1.02	mg/Kg	50	0.100	20	68 - 129.6
4-Bromofluorobenzene (4-BFB)	[19]	24.8	mg/Kg	50	0.100	496	71.9 - 123.7

Method Blank (1) QC Batch: 25239

Parameter	Flag	MDL Result	Units	RL
GRO		2.79	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.05	mg/Kg	10	0.100	105	81.7 - 119
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	10	0.100	100	60.1 - 102

Method Blank (1) QC Batch: 25248

Parameter	Flag	MDL Result	Units	RL
DRO		<10.7	mg/Kg	50

[18] Surrogate recovery out due to dilution.
[19] High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		154	mg/Kg	1	150	103	50 - 150

Method Blank (1) QC Batch: 25264

Parameter	Flag	MDL Result	Units	RL
GRO		2.58	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.985	mg/Kg	10	0.100	98	81.7 - 119
4-Bromofluorobenzene (4-BFB)		0.909	mg/Kg	10	0.100	91	60.1 - 102

Method Blank (1) QC Batch: 25268

Parameter	Flag	MDL Result	Units	RL
DRO		<10.9	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		190	mg/Kg	1	150	127	57.5 - 139

Method Blank (1) QC Batch: 25298

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.0159	mg/Kg	0.001
Toluene		<0.0220	mg/Kg	0.001
Ethylbenzene		<0.0201	mg/Kg	0.001
Xylene		<0.0528	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	10	0.100	104	77.1 - 104
4-Bromofluorobenzene (4-BFB)		0.953	mg/Kg	10	0.100	95	50.1 - 96.7

Laboratory Control Spike (LCS-1) QC Batch: 25239

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.2	11.8	mg/Kg	10	1.00	<1.21	102	14	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.04	1.10	mg/Kg	10	0.100	104	110	80 - 120
4-Bromofluorobenzene (4-BFB)	0.998	1.07	mg/Kg	10	0.100	100	107	80 - 120

Laboratory Control Spike (LCS-1) QC Batch: 25248

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	249	208	mg/Kg	1	250	<10.7	100	18	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	190	161	mg/Kg	1	150	127	107	50 - 150

Laboratory Control Spike (LCS-1) QC Batch: 25264

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.4	11.5	mg/Kg	10	1.00	<1.21	104	10	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.07	1.19	mg/Kg	10	0.100	107	119	80 - 120
4-Bromofluorobenzene (4-BFB)	1.02	1.15	mg/Kg	10	0.100	102	115	80 - 120

Laboratory Control Spike (LCS-1) QC Batch: 25268

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	277	268	mg/Kg	1	250	<10.9	111	3	84 - 118	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	192	190	mg/Kg	1	150	128	127	57.5 - 139

Laboratory Control Spike (LCS-1) QC Batch: 25298

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.08	1.07	mg/Kg	10	0.100	<0.0159	108	1	80 - 120	20
Toluene	0.994	1.04	mg/Kg	10	0.100	<0.0220	99	4	80 - 120	20
Ethylbenzene	1.06	1.07	mg/Kg	10	0.100	<0.0201	106	1	80 - 120	20

continued ...

control spikes continued...

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Xylene	3.13	3.16	mg/Kg	10	0.300	<0.0528	104	1	80 - 120	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.06	1.08	mg/Kg	10	0.100	106	108	80 - 120
4-Bromofluorobenzene (4-BFB)	1.05	1.07	mg/Kg	10	0.100	105	107	80 - 120

Matrix Spike (MS-1) QC Batch: 25239 Spiked Sample: 85901

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.2	8.39	mg/Kg	10	1.00	<1.21	102	20	51.6 - 137	19.6

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.01	1.16	mg/Kg	10	0.1	101	116	50 - 133
4-Bromofluorobenzene (4-BFB)	0.984	1.11	mg/Kg	10	0.1	98	111	62.4 - 157

Matrix Spike (MS-1) QC Batch: 25268 Spiked Sample: 85903

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	[2021]	1160	1180	mg/Kg	1	250	1060	40	2	70 - 130	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate		MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	[2223]	257	256	mg/Kg	1	150	171	171	57.5 - 139

Standard (ICV-1) QC Batch: 25239

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.04	104	85 - 115	2006-03-14

Standard (CCV-1) QC Batch: 25239

[20]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[21]Matrix spike recovery out of control limits due to matrix interference. Use LCS/LCSD to demonstrate analysis is under control.
[22]High surrogate recovery due to peak interference.
[23]High surrogate recovery due to peak interference.

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.986	99	85 - 115	2006-03-14

Standard (CCV-1) QC Batch: 25248

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	205	82	75 - 125	2006-03-15

Standard (CCV-2) QC Batch: 25248

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	268	107	75 - 125	2006-03-15

Standard (ICV-1) QC Batch: 25264

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.07	107	85 - 115	2006-03-15

Standard (CCV-1) QC Batch: 25264

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	9.66	97	85 - 115	2006-03-15

Standard (ICV-1) QC Batch: 25268

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	281	112	57.5 - 139	2006-03-15

Standard (CCV-1) QC Batch: 25268

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	285	114	57.5 - 139	2006-03-15

Standard (ICV-1) QC Batch: 25298

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.107	107	85 - 115	2006-03-14
Toluene		mg/Kg	0.100	0.102	102	85 - 115	2006-03-14
Ethylbenzene		mg/Kg	0.100	0.108	108	85 - 115	2006-03-14
Xylene		mg/Kg	0.300	0.324	108	85 - 115	2006-03-14

Standard (CCV-1) QC Batch: 25298

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.107	107	85 - 115	2006-03-14
Toluene		mg/Kg	0.100	0.111	111	85 - 115	2006-03-14
Ethylbenzene		mg/Kg	0.100	0.111	111	85 - 115	2006-03-14
Xylene		mg/Kg	0.300	0.318	106	85 - 115	2006-03-14

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 6031407

Company Name: NOVA SAFETY & ENVIRONMENTAL Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 COMMERCE MIDLAND, TX Fax #: 432-520-7701
Contact Person: CURT STANLEY
Invoice to: (If different from above) PLAINS
Project #: 2002-11229 Project Name: TEXACO SKELLY F"
Project Location: MONUMENT, NM Sampler Signature: C. Stanley

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME
85896	MW-7 10-15'	1	4oz		X							X		3/7	10:01
97	MW-7 20-25'														10:20
98	MW-8 10-15'														13:08
99	MW-8 15-20'														13:11
600	MW-8 20-25'														13:16
01	SB-2 10-15'														15:01
02	SB-2 15-20'														15:20
03	SB-2 20-25'														15:24
04	RW-2 10-15'														16:00
05	RW-2 20-25'														16:15

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B/624	GC/MS Semi. Vol. 8270C/625	PCB's 8082/608	Pesticides 8081A/608	BOD, TSS, pH	Moisture Content	GRO/DRO 8015M			Turn Around Time if different from standard	Hold
																	X			

Relinquished by: Curt Stanley Date: 3/13/06 Time: 1715
Received by: Helen Shelton Date: 3/13/06 Time: 1715
Relinquished by: Helen Shelton Date: 3/13/06 Time: 1745
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Megan McCord Date: 3/14/06 Time: 0925

LAB USE ONLY
Intact (Y) N
Headspace Y (N)
Temp 4°
Log-in Review

REMARKS: RUN BTEX (8021B) ON HIGHEST GRO IN EACH WELL
☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Shelton P18277762

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 10-HS

ORIGINAL COPY

Report Date: March 17, 2006
2002-11229
Work Order: 6031407
Texaco Skelly F
Page Number: 16 of 16
Monument, NM

TRACEANALYSIS, INC.

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Analytical and Quality Control Report

Julie Koonce
Nova Safety & Environmental
2057 Commerce St.
Midland, TX, 79703

Report Date: August 24, 2007

Work Order: 7082126

Project Location: Monument, NM
Project Name: Texaco Skelly F
Project Number: 2002-11229

Enclosed are the Analytical Report and Quality Control Report for the following sample(s) submitted to TraceAnalysis, Inc.

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
133821	MW-9 @ 10'	soil	2007-08-16	13:05	2007-08-21
133822	MW-9 @ 20'	soil	2007-08-16	13:15	2007-08-21
133823	MW-9 @ 25'	soil	2007-08-16	13:20	2007-08-21

These results represent only the samples received in the laboratory. The Quality Control Report is generated on a batch basis. All information contained in this report is for the analytical batch(es) in which your sample(s) were analyzed.

Blair Leftwich

Dr. Blair Leftwich, Director

Standard Flags

B - The sample contains less than ten times the concentration found in the method blank.

Analytical Report

Sample: 133821 - MW-9 @ 10'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	40308	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34874	Sample Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		225	mg/Kg	1	150	150	17.3 - 169.6

Sample: 133821 - MW-9 @ 10'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	40372	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34919	Sample Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.880	mg/Kg	1	1.00	88	50.2 - 89.3
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	1	1.00	103	50.8 - 131.6

Sample: 133822 - MW-9 @ 20'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	40308	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34874	Sample Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		212	mg/Kg	1	150	141	17.3 - 169.6

Sample: 133822 - MW-9 @ 20'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	40372	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34919	Sample Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.851	mg/Kg	1	1.00	85	50.2 - 89.3
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	1	1.00	102	50.8 - 131.6

Sample: 133823 - MW-9 @ 25'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	40308	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34874	Sample Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		<50.0	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		203	mg/Kg	1	150	135	17.3 - 169.6

Sample: 133823 - MW-9 @ 25'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	40372	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34919	Sample Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		<1.00	mg/Kg	1	1.00

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[1]	0.986	mg/Kg	1	1.00	99	50.2 - 89.3
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	1	1.00	101	50.8 - 131.6

Method Blank (1) QC Batch: 40308

QC Batch:	40308	Date Analyzed:	2007-08-22	Analyzed By:	
Prep Batch:	34874	QC Preparation:	2007-08-22	Prepared By:	

Parameter	Flag	MDL Result	Units	RL
DRO		<13.4	mg/Kg	50

[1] High surrogate recovery due to peak interference.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		94.2	mg/Kg	1	150	63	32.9 - 156.1

Method Blank (1) QC Batch: 40372

QC Batch: 40372 Date Analyzed: 2007-08-22 Analyzed By:
Prep Batch: 34919 QC Preparation: 2007-08-22 Prepared By:

Parameter	Flag	MDL Result	Units	RL
GRO		<0.739	mg/Kg	1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	1	1.00	102	67.8 - 103
4-Bromofluorobenzene (4-BFB)		0.953	mg/Kg	1	1.00	95	55.4 - 111.8

Laboratory Control Spike (LCS-1)

QC Batch: 40308 Date Analyzed: 2007-08-22 Analyzed By:
Prep Batch: 34874 QC Preparation: 2007-08-22 Prepared By:

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	188	mg/Kg	1	250	<13.4	75	49.1 - 142.3

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	184	mg/Kg	1	250	<13.4	74	49.1 - 142.3	2	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	191	195	mg/Kg	1	150	127	130	49 - 133.2

Laboratory Control Spike (LCS-1)

QC Batch: 40372 Date Analyzed: 2007-08-22 Analyzed By:
Prep Batch: 34919 QC Preparation: 2007-08-22 Prepared By:

Param	LCS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	8.58	mg/Kg	1	10.0	<0.739	86	56 - 105.2

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	8.28	mg/Kg	1	10.0	<0.739	83	56 - 105.2	4	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.948	0.967	mg/Kg	1	1.00	95	97	61.1 - 148.1
4-Bromofluorobenzene (4-BFB)	0.958	0.964	mg/Kg	1	1.00	96	96	67.2 - 119.2

Matrix Spike (MS-1) Spiked Sample: 133811

QC Batch: 40308 | Date Analyzed: 2007-08-22 | Analyzed By:
Prep Batch: 34874 | QC Preparation: 2007-08-22 | Prepared By:

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
DRO	207	mg/Kg	1	250	<13.4	83	30.2 - 201.4

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
DRO	205	mg/Kg	1	250	<13.4	82	30.2 - 201.4	1	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	194	178	mg/Kg	1	150	129	119	10 - 194

Matrix Spike (MS-1) Spiked Sample: 133820

QC Batch: 40372 | Date Analyzed: 2007-08-22 | Analyzed By:
Prep Batch: 34919 | QC Preparation: 2007-08-22 | Prepared By:

Param	MS Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit
GRO	9.67	mg/Kg	1	10.0	<0.739	92	10 - 102.2

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Param	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	Rec. Limit	RPD	RPD Limit
GRO	7.92	mg/Kg	1	10.0	<0.739	75	10 - 102.2	20	20

Percent recovery is based on the spike result. RPD is based on the spike and spike duplicate result.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.765	0.800	mg/Kg	1	1	76	80	47.2 - 84.2
4-Bromofluorobenzene (4-BFB)	1.04	1.04	mg/Kg	1	1	104	104	58 - 162.6

Standard (CCV-1)

QC Batch: 40308 Date Analyzed: 2007-08-22 Analyzed By:

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	232	93	85 - 115	2007-08-22

Standard (CCV-2)

QC Batch: 40308 Date Analyzed: 2007-08-22 Analyzed By:

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	230	92	85 - 115	2007-08-22

Standard (CCV-3)

QC Batch: 40308 Date Analyzed: 2007-08-22 Analyzed By:

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	238	95	85 - 115	2007-08-22

Standard (ICV-1)

QC Batch: 40372 Date Analyzed: 2007-08-22 Analyzed By:

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.12	112	85 - 115	2007-08-22

Standard (CCV-1)

QC Batch: 40372 Date Analyzed: 2007-08-22 Analyzed By:

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/Kg	1.00	1.02	102	85 - 115	2007-08-22

LAB Order ID # 7082126 Page 1 of 1

TraceAnalysis, Inc.

email: lab@traceanalysis.com

6701 Aberdeen Avenue, Suite 9, Lubbock, Texas 79424, Tel (806) 794-1296, Fax (806) 794-1298, 1 (800) 378-1296
5002 Basin Street, Suite A1, Midland, Texas 79703, Tel (432) 689-6301, Fax (432) 689-6313
200 East Sunset Rd., Suite E, El Paso, Texas 79922, Tel (915) 585-3443, Fax (915) 585-4944, 1 (888) 588-3443
6015 Harris Pkwy., Suite 110, Ft. Worth, Texas 76132, Tel (817) 201-5260

Company Name: NOVA SAFETY - ENVIRONMENTAL Phone #: 432-520-7720

Address: (Street, City, Zip) 2057 COMMERCE, MIDLAND, TX 79703 Fax #: 432-520-7701

Contact Person: CURT STANLEY E-mail: JKOUCE@NOVATRAINING.COM

Invoice to: (If different from above) PLAINS

Project #: 2002-11229 Project Name: TEXACO SKELLY

Project Location (including state): SOUTH OF MONUMENT, NM Sampler Signature:

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume / Amount	MATRIX: WATER	SOIL	AIR	SLUDGE	PRESERVATIVE METHOD: HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	SAMPLING: DATE	TIME	MTBE 8021B / 602 / 8260B / 624	BTEX 8021B / 602 / 8260B / 624	TPH 418.1 / TX1005 / TX1005 Ext(C35)	TPH 8015 GRO / DRO / TVHC	PAH 8270C / 625	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/200.7	TCLP Metals Ag As Ba Cd Cr Pb Se Hg	TCLP Volatiles	TCLP Semi Volatiles	TCLP Pesticides	RCI	GC/MS Vol. 8260B / 624	GC/MS Semi. Vol. 8270C / 625	PCB's 8082 / 608	Pesticides 8081A / 608	BOD, TSS, pH	Moisture Content	Turn Around Time if different from standard	Hold
33821	MW-9@10'	1	40z		X							X		8/16/07	13:05				X															
822	MW-9@20'	↓	↓		↓							↓		↓	13:15				↓															
823	MW-9@25'	↓	↓		↓							↓		↓	13:20				↓															

Relinquished by: Date: Time: 8/21/07 16:04 Received by: Date: Time:

Relinquished by: Date: Time: Received by: Date: Time:

Relinquished by: Date: Time: Received at Laboratory by: Date: 8/21/07 Time: 16:04

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp. 3.4 °C
Log-In-Review

REMARKS: All tests - Midland

- [ ] Dry Weight Basis Required
- [ ] TRRP Report Required
- [ ] Check If Special Reporting Limits Are Needed

Carrier # Courier

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C. O. C.

ORIGINAL COPY

APPENDIX D

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	Texaco Skelly F	Facility Type:	4" Steel Pipeline

Surface Owner:	Millard Deck Estate	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
G	21	20S	37E					Lea

Latitude 32 degrees 33' 48.02" **Longitude** 103 degrees 15' 48.08"

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release: 30	Volume Recovered 0
Source of Release: 4" Steel Pipeline	Date and Hour of Occurrence 09/15/1998	Date and Hour of Discovery 09/15/1998 02:00 PM
Was Immediate Notice Given? Yes ☒ No ☐ Not Required	If YES, To Whom? Donna Williams	
By Whom? Frank Hernandez	Date and Hour 02/02/01 02:30 PM	
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 4" steel pipeline. Forty feet of the line was replaced.

Describe Area Affected and Cleanup Action Taken.* Forty feet of the line was replaced. The aerial extent of surface impact was approximately 30' x 100'.
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