1R - 138

REPORTS

DATE:

2005

NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

BILL RICHARDSON
Governor
Joanna Prukop
Cabinet Secretary

Mark E. Fesmire, P.E.
Director
Oil Conservation Division

June 21, 2005

Ms. Camille Reynolds
Plains Pipeline
3112 West Highway 82
Lovington, NM 88260

Re: Plains All American Pipeline Closure Request
TNM 97-16 Release Site
Section 12, Township 24 South, Range 37 East
Lea County, New Mexico
NMOCD Reference 1R-0138

Dear Ms. Reynolds:

The New Mexico Oil Conservation Division (NMOCD) has received and reviewed the above report submitted on behalf of Plains Marketing, L.P. (Plains) by Nova Safety and Environmental and dated April 2005.

Request for soil closure at this site is hereby approved with the understanding that before or during backfilling activities Plains will make a reasonable effort to blend the soils from treatment cells LF-102, LF-130, and LF-135 with soils from cells with a lower TPH concentration before placing the resulting mixture in the excavation.

NMOCD approval does not relieve Plains of responsibility should its operations at this site prove to have been harmful to public health or the environment. Nor does it relieve Plains of its responsibility to comply with the rules and regulations of any other federal, state, or local governmental entity.

If you have any questions, contact me at (505) 476-3492 or ed.martin@state.nm.us

NEW MEXICO OIL CONSERVATION DIVISION

Ed Martin

Edwin E. Martin
Environmental Bureau

Cc: NMOCD, Hobbs

PLAINS PIPELINE

May 3, 2005

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

1R-138

Re: Plains All American Pipeline Closure Request
TNM 97-16 Release Site
Section 12, T24S, R37E
Lea County, New Mexico

Dear Mr. Martin:

Please find attached for your approval the Closure Request, dated April 2005, for the TNM 97-16 site located in Section 12 of Township 24 South, and Range 37 East of Lea County, New Mexico. The Closure Request details site activities conducted to satisfy requirements set forth by the NMOCD for closure of the site.

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

Sincerely,

Camille Reynolds

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

cc: Larry Johnson, NMOCD, Hobbs Office

Enclosure

SITE CLOSURE REQUEST

1R-138

TNM 97-16
Lea County, New Mexico
NE ¼ NW ¼ of Section 12, Township 24 South, Range 37 East
NMOCD ID#: 1R-138
Latitude: North 32° 14′ 21.3″
Longitude: West 103° 07′ 07.7″

NOVA safety and environmental

Prepared For:
Plains Marketing, LP
333 Clay Street, Suite 1600
Houston, Texas 77002

Prepared By:
NOVA Safety and Environmental
2057 Commerce Street
Midland, Texas 79703

April 2005

Curt Stanley
Project Manager

Todd K. Choban
Vice President Technical Services

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Tables

Appendices

1.0 INTRODUCTION AND SITE BACKGROUND

The site is located approximately fourteen miles south of the town of Eunice, New Mexico in the NE ¼ of the NW ¼ of Section 12, Township 24 South, Range 37 East. For reference, a Site Location Map and Site Map are provided as Figures 1 and 2, respectively. The contents of this report are intended to adhere to reporting requirements promulgated in Rule 19.E New Mexico Administrative Code (NMAC) 15.A19.E (3) and 19.E (4). On July 30, 1997, Texas New Mexico Pipeline (TNM) personnel discovered crude oil had been released from a 14-inch pipeline on property owned by Becky Jo Doom. An estimated 748 barrels of crude oil was released of which an estimated 80 barrels were recovered during emergency response actions.

Project management responsibilities for this site were transferred from Environmental Technology Group, Inc. (ETGI) to NOVA Safety and Environmental (NOVA) as of May 29, 2004. NOVA is submitting this Site Closure Request on behalf of Plains Marketing, to describe recent field activities and site closure as set forth by the State of New Mexico under NMAC Rule 19 standards. The regulatory basis for this Site Closure Request is NMAC Rule 19 and the New Mexico Oil Conservation Division (NMOCD) guidance document *Guidelines for Remediation of Leaks, Spills, and Releases*, (August 1993).

2.0 SUMMARY OF RECENT FIELD ACTIVITIES

Discussions between Mr. Ed Martin (NMOCD) and Ms. Camille Reynolds (Plains) in the winter of 2004 resulted in a verbal authorization with the NMOCD to allow closure of the site when treatment cell soil total petroleum hydrocarbon (TPH) concentrations were less than 300 mg/Kg. On February 22-23, 2005, forty seven (47) treatment cell sections exhibiting TPH concentrations greater than 300 mg/Kg as documented during the September 15-17, 2003 soil sampling event were sampled and analyzed for TPH concentration. Please reference The Addendum to Additional Subsurface Investigation and Modified Stage II Abatement Plan, submitted to The NMOCD in July of 2004. During the February, 2005 soil sampling event, thirty-five (35) treatment cell sections exhibiting TPH concentrations ranging between 100 to 300 mg/Kg as documented during the September 15-17, 2003 sampling event, were sampled and evaluated with a Photo-Ionization Detector (PID). The single sample exhibiting the highest PID reading was submitted for laboratory benzene, ethylbenzene, toluene, and xylene (BTEX) analysis utilizing EPA method SW 846-8260b. An itemized listing of all soil sampling results is shown on Table 1. Copies of the laboratory reports generated from soil sampling activities described herein are included as Appendix A.

Soil samples collected were submitted under a completed chain-of-custody to TraceAnalysis, Inc. of Lubbock, Texas and analyzed for TPH-GRO/DRO constituent concentrations utilizing EPA Method SW 846-8015M. A single sample with the highest PID reading was submitted for laboratory BTEX analysis utilizing EPA method SW 846-8260b

3.0 SUMMARY OF LABORATORY ANALYTICAL RESULTS

On February 22-23, 2005 forty seven (47) soil samples were collected in the on site treatment cell to assess the current TPH concentrations. The forty-seven samples exhibited a TPH concentration greater than 300 mg/Kg as documented on the September, 2003 sampling event. All cell sections exhibiting TPH concentrations previously above 300 mg/Kg were analyzed for TPH. Review of the laboratory analysis for the February 2005 sampling event indicates TPH concentrations currently range between 1.12 mg/Kg to 267 mg/Kg (Table 1)

Thirty five samples were collected for PID evaluation; the sample exhibiting the highest PID reading was submitted for BTEX analysis. Review of the laboratory analysis indicates the BTEX concentration is below the laboratory reporting limits of <0.025 mg/Kg (Table 1).

The laboratory results indicated that all sections of the treatment cell are below the approved 300 mg/Kg TPH clean up level level.

4.0 SOIL AND SITE CLOSURE REQUEST

Included in the Addendum to Additional Subsurface Investigation and Modified Stage II Abatement Plan dated July 2004, Plains requested a change in the soil cleanup standard at this site. Plains proposed to change the soil cleanup standard from 100 mg/Kg TPH to 500 mg/Kg. Mr. Ed Martin (NMOCD) in a discussion with Ms. Camille Reynolds during the winter of 2004 authorized 300 mg/Kg TPH as the soil cleanup standard at the TNM-97-16 site. Review of the February 2005 laboratory results indicates the treatment cell TPH concentration in all sections are below the 300 mg/Kg TPH cleanup standard. Plains would like to request soil closure, as well as site closure at this time.

Following approval of this site closure request, NOVA will begin backfilling activities utilizing the treated soil. Seeding and watering of the backfilled area will conclude site soil remediation.

5.0 LIMITATIONS

NOVA has prepared this Site Closure Request 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 report has been prepared for the benefit of Plains Marketing, LP (Plains). The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA and/or Plains.

6.0 DISTRIBUTION

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

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

Copy 3: Jeff Dann
Plains Marketing, LP
333 Clay Street
Suite 600
Houston, Texas 77002
jpdann@paalp.com

Copy 4: Camille Reynolds
Plains Marketing, LP
3112 Highway 82
Lovington, NM
cjreynolds@paalp.com

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

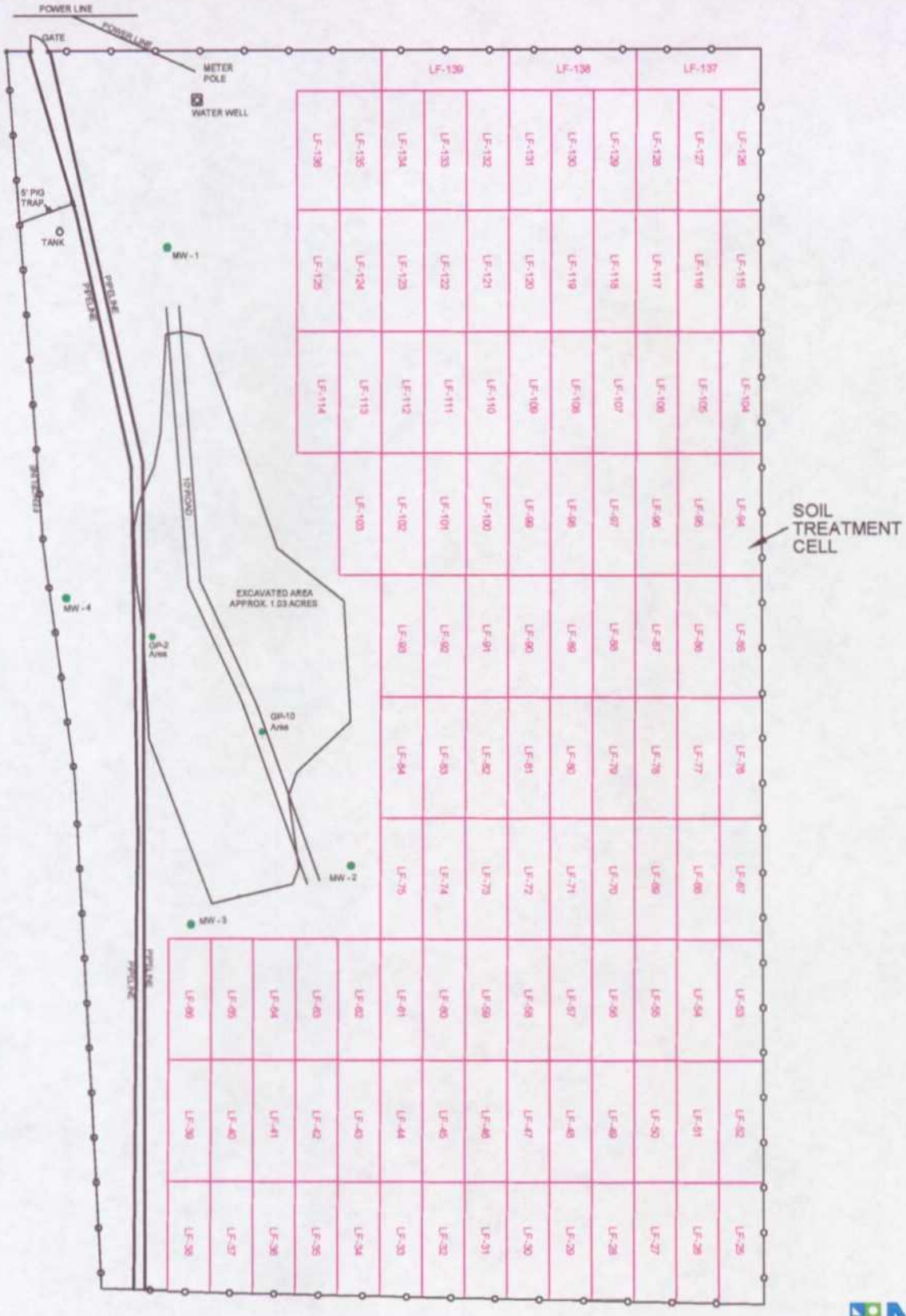
Figures

Figure 1
Site Location Map
Plains Marketing, L.P.
TNM 97-16
Lea Co. NM

NOVA Safety and Environmental

NOVA safety and environmental

NE1/4 NW1/4 Sec.12 T24S R37E		32° 14' 21.3" N 103° 07' 07.7 W
May 1, 2005	Prep By: CS	Checked By: TNC



NOVA safety and environmental

LEGEND:
- MONITOR WELL
- TREATMENT CELL

SURVEY DATE: 10/5/99

120 60 0 60 120

Distance in Feet

Figure 2
Site Map
Plains Marketing, L.P.
TNM 97-16
Lea County, NM

NOVA Safety and Environmental

Scale: 1" = 120'	Prep By: CS	Checked By: TKC
July 27, 2004		

Table

TABLE 1
CONCENTRATIONS OF TPH AND BTEX IN SOIL

TNM 97-16 (Becky Jo Doom)
PLAINS MARKETING, L.P.
MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030					Method: EPA SW 846-8015M	
		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
Stockpile Sample 1	11/26/01	<0.025	0.027	<0.025	<0.025	<0.025	<10	502
Stockpile Sample 2	11/26/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	752
Stockpile Sample 3	11/29/01	<0.025	0.025	<0.025	<0.025	<0.025	<10	1400
Stockpile Sample 4	11/29/01	<0.025	0.034	<0.025	<0.025	<0.025	<10	1320
Stockpile Sample 5	11/30/01	<0.025	0.037	<0.025	<0.025	<0.025	<10	1150
Stockpile Sample 6	11/30/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	1360
Pit Sample SE #1	12/01/01	<0.025	0.054	<0.025	<0.025	<0.025	<10	153
Pit Sample SW #2	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	48
Pit Sample NW #3	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	<10
Pit Sample NE #4	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	42
Pit - Far N. Point	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	62
NE Quad LF #1	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	451
SE Quad LF #2	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	388
SW Quad LF #3	12/01/01	<0.025	<0.025	<0.025	<0.025	<0.025	<10	259
Excavation Wall South	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	44.4	202
Excavation Wall South	09/15/03	0.033	0.326	0.872	1.05	0.667	<10.0	58.5
Excavation Wall North	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	<10	<10
Excavation Wall East	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	18.4	144
Excavation Wall West	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	<10	34
Excavation Bottom South	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	<10	60.6
Excavation Bottom Middle	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	10.3	88
Excavation Bottom North	06/03/02	<0.025	<0.025	<0.025	<0.025	<0.025	10.5	66.8
Middle East Wall Exc.	04/17/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	106
Middle East Wall Exc.	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0
SE Wall Exc.	04/17/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	308
SE Wall Exc.	09/15/03	<0.025	0.187	0.557	1.07	0.627	<10.0	<10.0
NE Wall Exc.	04/17/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	66.9
H.A GP-10 Area 2'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	34.7
H.A GP-10 Area 4'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0
H.A GP-10 Area 6'	09/04/03	<0.025	<0.025	<0.025	0.036	<0.025	12.6	153
H.A GP-10 Area 8'	09/04/03	<0.025	<0.025	<0.025	0.037	<0.025	15.7	177
H.A GP-2 Area 2'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	132
H.A GP-2 Area 4'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	51.0
H.A GP-2 Area 6'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0
H.A GP-2 Area 8'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	10.6	112
H.A GP-2 Area 10'	09/04/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	61.2
LF-25	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	20.7
LF-26	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	32.4
LF-27	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	24.2
LF-28	09/15/03	<0.025	<0.025	0.028	0.047	<0.025	<10.0	34.3

TABLE 1
CONCENTRATIONS OF TPH AND BTEX IN SOIL

TNM 97-16 (Becky Jo Doom)
PLAINS MARKETING, L.P.
MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030					Method: EPA SW 846-8015M	
		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
LF-29	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	39.1
LF-30	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	12.5
LF-31	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	17.3
LF-32	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	47.7
LF-33	09/15/03	<0.025	<0.025	<0.025	0.029	<0.025	<10.0	43.9
LF-34	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	50.9
LF-35	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	54.1
LF-36	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	68.5
LF-37	09/15/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	75.8
LF-38	09/15/03	<0.025	<0.025	<0.025	0.034	<0.025	<10.0	96.8
LF-39	09/16/03	<0.025	<0.025	<0.025	0.031	<0.025	<10.0	46.2
LF-40	09/16/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	24.4
LF-41	09/16/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	45.7
LF-42	09/16/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	15.5
LF-43	09/16/03	<0.025	<0.025	<0.025	0.042	<0.025	<10.0	73.5
LF-44	09/16/03						<10.0	140
LF-45	09/16/03						<10.0	174
LF-46	09/16/03						<10.0	108
LF-47	09/16/03						<10.0	233
LF-48	09/16/03	<0.025	<0.025	<0.025	0.026	<0.025	<10.0	74.4
LF-49	09/16/03	<0.025	<0.025	<0.025	0.029	<0.025	<10.0	77.0
LF-50	09/16/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	82.2
LF-51	09/16/03	<0.025	<0.025	<0.025	0.026	<0.025	<10.0	89.1
LF-52	09/16/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	60.2
LF-53	09/16/03						<10.0	196
LF-54	09/16/03						<10.0	181
LF-55	09/16/03						<10.0	113
LF-56	09/16/03						<10.0	146
LF-57	09/16/03						<10.0	180
LF-58	09/16/03						<10.0	288
LF-59	09/16/03						<10.0	167
LF-60	09/16/03	<0.025	<0.025	<0.025	38.8	<0.025	<10.0	99.4
LF-61	09/16/03						153	1500
LF-62	09/16/03						12.5	415
LF-63	09/16/03						15.9	396
LF-64	09/16/03						17.8	686
LF-65	09/16/03						<10.0	112
LF-66	09/16/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	67.7
LF-67	09/16/03						<10.0	242

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CONCENTRATIONS OF TPH AND BTEX IN SOIL

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MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030					Method: EPA SW 846-8015M	
		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
LF-68	09/16/03						<10.0	188
LF-69	09/16/03						<10.0	141
LF-70	09/16/03						<10.0	115
LF-71	09/16/03						<10.0	199
LF-72	09/16/03						<10.0	332
LF-73	09/16/03						<10.0	348
LF-74	09/16/03						<10.0	320
LF-75	09/16/03						<10.0	466
LF-76	09/16/03						<10.0	248
LF-77	09/16/03						<10.0	235
LF-78	09/16/03						<10.0	164
LF-79	09/16/03						<10.0	160
LF-80	09/16/03						<10.0	203
LF-81	09/16/03						<10.0	121
LF-82	09/16/03						33.2	158
LF-83	09/16/03						<10.0	231
LF-84	09/16/03						<10.0	324
LF-85	09/17/03						<10.0	213
LF-86	09/17/03						<10.0	192
LF-87	09/17/03						<10.0	258
LF-88	09/17/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	74.3
LF-89	09/17/03						<10.0	152
LF-90	09/17/03						<10.0	150
LF-91	09/17/03						<10.0	129
LF-92	09/17/03	<0.025	<0.025	<0.025	0.045	<0.025	<10.0	70.0
LF-93	09/17/03						<10.0	527
LF-94	09/17/03						<10.0	341
LF-95	09/17/03						<10.0	274
LF-96	09/17/03	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	65.6
LF-97	09/17/03						<10.0	287
LF-98	09/17/03						<10.0	246
LF-99	09/17/03						<10.0	224
LF-100	09/17/03						<10.0	839
LF-101	09/17/03						<10.0	173
LF-102	09/17/03						10.2	1340
LF-103	09/17/03						<10.0	543
LF-104	09/17/03						<10.0	428
LF-105	09/17/03						<10.0	385
LF-106	09/17/03						<10.0	190

TABLE 1
CONCENTRATIONS OF TPH AND BTEX IN SOIL

TNM 97-16 (Becky Jo Doom)
PLAINS MARKETING, L.P.
MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030					Method: EPA SW 846-8015M	
		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
LF-107	09/17/03						<10.0	414
LF-108	09/17/03						<10.0	297
LF-109	09/17/03						<10.0	615
LF-110	09/17/03						<10.0	459
LF-111	09/17/03						11.7	1100
LF-112	09/17/03						<10.0	789
LF-113	09/17/03						<10.0	736
LF-114	09/17/03						<10.0	772
LF-115	09/17/03						<10.0	660
LF-116	09/17/03						12.8	1350
LF-117	09/17/03						18.6	1220
LF-118	09/17/03						13.9	1130
LF-119	09/17/03						19.8	1200
LF-120	09/17/03						<10.0	356
LF-121	09/17/03						12.3	1230
LF-122	09/17/03						<10.0	1020
LF-123	09/17/03						10.9	1150
LF-124	09/17/03						<10.0	1100
LF-125	09/17/03						<10.0	1280
LF-126	09/17/03						<10.0	849
LF-127	09/17/03						<10.0	746
LF-128	09/17/03						<10.0	838
LF-129	09/17/03						24.7	2520
LF-130	09/17/03						10	1140
LF-131	09/17/03						12.8	863
LF-132	09/17/03						13.7	1340
LF-133	09/17/03						<10.0	940
LF-134	09/17/03						<10.0	1120
LF-135	09/17/03						10.5	1090
LF-136	09/17/03						<10.0	1120
LF-137	09/17/03						17.5	2140
LF-138	09/17/03						<10.0	1070
LF-139	09/17/03						12.1	1010
LF-61	02/22/05						8.03	<50
LF-62	02/22/05						<1	<50
LF-63	02/22/05						<10	<50
LF-64	02/22/05						1.12	<50
LF-72	02/22/05						<1	<50
LF-73	02/22/05						<1	<50

TABLE 1
CONCENTRATIONS OF TPH AND BTEX IN SOIL

TNM 97-16 (Becky Jo Doom)
PLAINS MARKETING, L.P.
MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030					Method: EPA SW 846-8015M	
		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
LF-74	02/22/05						<1	<50
LF-75	02/22/05						<1	<50
LF-79	02/22/05	<0.01	<0.01	<0.01	<0.01			
LF-84	02/22/05						<1	62.8
LF-93	02/22/05						<1	<50
LF-94	02/22/05						<1	<50
LF-100	02/22/05						<1	<50
LF-102	02/22/05						<5	235
LF-103	02/22/05						<1	138
LF-104	02/23/05						<1	<50
LF-105	02/23/05						<1	<50
LF-107	02/23/05						<1	111
LF-109	02/23/05						<10	95.5
LF-110	02/23/05						<1	132
LF-111	02/23/05						<5	56.7
LF-112	02/23/05						<5	59.3
LF-113	02/23/05						<10	62.7
LF-114	02/23/05						<10	<50
LF-115	02/23/05						<10	54.2
LF-116	02/23/05						<10	83.2
LF-117	02/23/05						<20	83.3
LF-118	02/23/05						<10	152
LF-119	02/23/05						<20	115
LF-120	02/23/05						<20	91.6
LF-121	02/23/05						<20	55.3
LF-122	02/23/05						<20	111
LF-123	02/23/05						<20	131
LF-125	02/23/05						<20	120
LF-126	02/23/05						<20	102
LF-127	02/23/05						<10	91.7
LF-128	02/23/05						<10	133
LF-129	02/23/05						<10	182
LF-130	02/23/05						<10	229
LF-131	02/23/05						<10	117
LF-132	02/23/05						<20	65.3
LF-133	02/23/05						<10	66.6
LF-134	02/23/05						<10	87.9
LF-135	02/23/05						<10	267
LF-136	02/23/05						<10	101

TABLE 1
CONCENTRATIONS OF TPH AND BTEX IN SOIL

TNM 97-16 (Becky Jo Doom)
PLAINS MARKETING, L.P.
MONUMENT, NEW MEXICO

SAMPLE LOCATION	SAMPLE DATE	Methods: EPA SW 846-8021B, 5030					Method: EPA SW 846-8015M	
		BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	m,p-XYLENE (mg/kg)	o-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)
LF-137	02/23/05						<10	146
LF-138	02/23/05						<10	149
LF-139	02/23/05						<1	121

Appendices

Appendix A:
Laboratory Reports

Summary Report

Curt Stanley
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: March 3, 2005

Work Order: 5022513

Project Location: Lea County
Project Name: Becky Jo Doom
Project Number: TNM-9716

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
55685	LF-61	soil	2005-02-22	10:25	2005-02-25
55686	LF-62	soil	2005-02-22	10:20	2005-02-25
55687	LF-63	soil	2005-02-22	10:15	2005-02-25
55688	LF-64	soil	2005-02-22	10:10	2005-02-25
55695	LF-72	soil	2005-02-22	11:50	2005-02-25
55696	LF-73	soil	2005-02-22	11:45	2005-02-25
55697	LF-74	soil	2005-02-22	11:40	2005-02-25
55698	LF-75	soil	2005-02-22	11:35	2005-02-25
55702	LF-79	soil	2005-02-22	12:35	2005-02-25
55707	LF-84	soil	2005-02-22	13:00	2005-02-25
55714	LF-93	soil	2005-02-22	13:35	2005-02-25
55715	LF-94	soil	2005-02-22	13:40	2005-02-25
55720	LF-100	soil	2005-02-22	14:05	2005-02-25
55722	LF-102	soil	2005-02-22	14:15	2005-02-25
55723	LF-103	soil	2005-02-22	14:20	2005-02-25
55724	LF-104	soil	2005-02-23	08:30	2005-02-25
55725	LF-105	soil	2005-02-23	08:35	2005-02-25
55727	LF-107	soil	2005-02-23	08:45	2005-02-25
55729	LF-109	soil	2005-02-23	08:55	2005-02-25
55730	LF-110	soil	2005-02-23	09:00	2005-02-25
55731	LF-111	soil	2005-02-23	09:05	2005-02-25
55732	LF-112	soil	2005-02-23	09:10	2005-02-25
55733	LF-113	soil	2005-02-23	09:15	2005-02-25
55734	LF-114	soil	2005-02-23	09:20	2005-02-25
55735	LF-115	soil	2005-02-23	09:25	2005-02-25
55736	LF-116	soil	2005-02-23	09:30	2005-02-25
55737	LF-117	soil	2005-02-23	09:35	2005-02-25
55738	LF-118	soil	2005-02-23	09:40	2005-02-25
55739	LF-119	soil	2005-02-23	09:45	2005-02-25
55740	LF-120	soil	2005-02-23	09:50	2005-02-25
55741	LF-121	soil	2005-02-23	09:55	2005-02-25
55742	LF-122	soil	2005-02-23	10:00	2005-02-25
55743	LF-123	soil	2005-02-23	10:05	2005-02-25
55745	LF-125	soil	2005-02-23	10:15	2005-02-25
55746	LF-126	soil	2005-02-23	10:20	2005-02-25
55747	LF-127	soil	2005-02-23	10:25	2005-02-25
55748	LF-128	soil	2005-02-23	10:30	2005-02-25

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
55749	LF-129	soil	2005-02-23	10:35	2005-02-25
55750	LF-130	soil	2005-02-23	10:40	2005-02-25
55751	LF-131	soil	2005-02-23	10:45	2005-02-25
55752	LF-132	soil	2005-02-23	10:50	2005-02-25
55753	LF-133	soil	2005-02-23	10:55	2005-02-25
55754	LF-134	soil	2005-02-23	11:00	2005-02-25
55755	LF-135	soil	2005-02-23	11:05	2005-02-25
55756	LF-136	soil	2005-02-23	11:10	2005-02-25
55757	LF-137	soil	2005-02-23	11:15	2005-02-25
55758	LF-138	soil	2005-02-23	11:20	2005-02-25
55759	LF-139	soil	2005-02-23	11:25	2005-02-25

	BTEX				TPH DRO	TPH GRO
Sample - Field Code	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	DRO (mg/Kg)	GRO (mg/Kg)
55685 - LF-61					<50.0	**8.03**
55686 - LF-62					<50.0	<1.00
55687 - LF-63					<50.0	<10.0
55688 - LF-64					<50.0	**1.12**
55695 - LF-72					<50.0	<1.00
55696 - LF-73					<50.0	<1.00
55697 - LF-74					<50.0	<1.00
55698 - LF-75					<50.0	<1.00
55702 - LF-79	<0.0100	<0.0100	<0.0100	<0.0100		
55707 - LF-84					**62.8**	<1.00
55714 - LF-93					<50.0	<1.00
55715 - LF-94					<50.0	<1.00
55720 - LF-100					<50.0	<1.00
55722 - LF-102					**235**	<5.00
55723 - LF-103					**138**	<1.00
55724 - LF-104					<50.0	<1.00
55725 - LF-105					<50.0	<1.00
55727 - LF-107					**111**	<1.00
55729 - LF-109					**95.5**	<10.0
55730 - LF-110					**132**	<1.00
55731 - LF-111					**56.7**	<5.00
55732 - LF-112					**59.3**	<5.00
55733 - LF-113					**62.7**	<10.0
55734 - LF-114					<50.0	<10.0
55735 - LF-115					**54.2**	<10.0
55736 - LF-116					**83.2**	<10.0
55737 - LF-117					**83.3**	<20.0
55738 - LF-118					**152**	<10.0
55739 - LF-119					**115**	<20.0
55740 - LF-120					**91.6**	<20.0
55741 - LF-121					**55.3**	<20.0
55742 - LF-122					**111**	<20.0
55743 - LF-123					**131**	<20.0
55745 - LF-125					**120**	<20.0
55746 - LF-126					**102**	<20.0
55747 - LF-127					**91.7**	<10.0
55748 - LF-128					**133**	<10.0
55749 - LF-129					**182**	<10.0
55750 - LF-130					**229**	<10.0
55751 - LF-131					**117**	<10.0
55752 - LF-132					**65.3**	<20.0
55753 - LF-133					**66.6**	<10.0

continued ...

... continued

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	TPH DRO DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
55754 - LF-134					**87.9**	<10.0
55755 - LF-135					**267**	<10.0
55756 - LF-136					**101**	<10.0
55757 - LF-137					**146**	<10.0
55758 - LF-138					**149**	<10.0
55759 - LF-139					**121**	<1.00

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

Curt Stanley
Nova Safety & Environmental
2057 Commerce St.
Midland, TX 79703

Report Date: March 3, 2005

Work Order: 5022513

Project Location: Lea County
Project Name: Becky Jo Doom
Project Number: TNM-9716

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
55685	LF-61	soil	2005-02-22	10:25	2005-02-25
55686	LF-62	soil	2005-02-22	10:20	2005-02-25
55687	LF-63	soil	2005-02-22	10:15	2005-02-25
55688	LF-64	soil	2005-02-22	10:10	2005-02-25
55695	LF-72	soil	2005-02-22	11:50	2005-02-25
55696	LF-73	soil	2005-02-22	11:45	2005-02-25
55697	LF-74	soil	2005-02-22	11:40	2005-02-25
55698	LF-75	soil	2005-02-22	11:35	2005-02-25
55702	LF-79	soil	2005-02-22	12:35	2005-02-25
55707	LF-84	soil	2005-02-22	13:00	2005-02-25
55714	LF-93	soil	2005-02-22	13:35	2005-02-25
55715	LF-94	soil	2005-02-22	13:40	2005-02-25
55720	LF-100	soil	2005-02-22	14:05	2005-02-25
55722	LF-102	soil	2005-02-22	14:15	2005-02-25
55723	LF-103	soil	2005-02-22	14:20	2005-02-25
55724	LF-104	soil	2005-02-23	08:30	2005-02-25
55725	LF-105	soil	2005-02-23	08:35	2005-02-25
55727	LF-107	soil	2005-02-23	08:45	2005-02-25
55729	LF-109	soil	2005-02-23	08:55	2005-02-25
55730	LF-110	soil	2005-02-23	09:00	2005-02-25
55731	LF-111	soil	2005-02-23	09:05	2005-02-25
55732	LF-112	soil	2005-02-23	09:10	2005-02-25
55733	LF-113	soil	2005-02-23	09:15	2005-02-25
55734	LF-114	soil	2005-02-23	09:20	2005-02-25
55735	LF-115	soil	2005-02-23	09:25	2005-02-25
55736	LF-116	soil	2005-02-23	09:30	2005-02-25
55737	LF-117	soil	2005-02-23	09:35	2005-02-25

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
55738	LF-118	soil	2005-02-23	09:40	2005-02-25
55739	LF-119	soil	2005-02-23	09:45	2005-02-25
55740	LF-120	soil	2005-02-23	09:50	2005-02-25
55741	LF-121	soil	2005-02-23	09:55	2005-02-25
55742	LF-122	soil	2005-02-23	10:00	2005-02-25
55743	LF-123	soil	2005-02-23	10:05	2005-02-25
55745	LF-125	soil	2005-02-23	10:15	2005-02-25
55746	LF-126	soil	2005-02-23	10:20	2005-02-25
55747	LF-127	soil	2005-02-23	10:25	2005-02-25
55748	LF-128	soil	2005-02-23	10:30	2005-02-25
55749	LF-129	soil	2005-02-23	10:35	2005-02-25
55750	LF-130	soil	2005-02-23	10:40	2005-02-25
55751	LF-131	soil	2005-02-23	10:45	2005-02-25
55752	LF-132	soil	2005-02-23	10:50	2005-02-25
55753	LF-133	soil	2005-02-23	10:55	2005-02-25
55754	LF-134	soil	2005-02-23	11:00	2005-02-25
55755	LF-135	soil	2005-02-23	11:05	2005-02-25
55756	LF-136	soil	2005-02-23	11:10	2005-02-25
55757	LF-137	soil	2005-02-23	11:15	2005-02-25
55758	LF-138	soil	2005-02-23	11:20	2005-02-25
55759	LF-139	soil	2005-02-23	11:25	2005-02-25

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.

Michael Abel

Dr. Blair Leftwich, Director

Analytical Report

Sample: 55685 - LF-61

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		99.8	mg/Kg	1	150	66	62.8 - 115

Sample: 55685 - LF-61

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**8.03**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.14	mg/Kg	10	0.100	114	0 - 160
4-Bromofluorobenzene (4-BFB)		1.05	mg/Kg	10	0.100	105	0 - 174

Sample: 55686 - LF-62

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		127	mg/Kg	1	150	85	62.8 - 115

Sample: 55686 - LF-62

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.21	mg/Kg	10	0.100	121	0 - 160
4-Bromofluorobenzene (4-BFB)		1.48	mg/Kg	10	0.100	148	0 - 174

Sample: 55687 - LF-63

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		142	mg/Kg	1	150	95	62.8 - 115

Sample: 55687 - LF-63

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[1]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.731	mg/Kg	100	0.100	7	0 - 160
4-Bromofluorobenzene (4-BFB)		0.879	mg/Kg	100	0.100	9	0 - 174

Sample: 55688 - LF-64

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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

[1] Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		97.0	mg/Kg	1	150	65	62.8 - 115

Sample: 55688 - LF-64

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**1.12**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.12	mg/Kg	10	0.100	112	0 - 160
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	0 - 174

Sample: 55695 - LF-72

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		102	mg/Kg	1	150	68	62.8 - 115

Sample: 55695 - LF-72

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.04	mg/Kg	10	0.100	104	0 - 160
4-Bromofluorobenzene (4-BFB)		0.939	mg/Kg	10	0.100	94	0 - 174

Sample: 55696 - LF-73

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		113	mg/Kg	1	150	75	62.8 - 115

Sample: 55696 - LF-73

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.03	mg/Kg	10	0.100	103	0 - 160
4-Bromofluorobenzene (4-BFB)		0.889	mg/Kg	10	0.100	89	0 - 174

Sample: 55697 - LF-74

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		108	mg/Kg	1	150	72	62.8 - 115

Sample: 55697 - LF-74

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.04	mg/Kg	10	0.100	104	0 - 160
4-Bromofluorobenzene (4-BFB)		0.904	mg/Kg	10	0.100	90	0 - 174

Sample: 55698 - LF-75

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		125	mg/Kg	1	150	83	62.8 - 115

Sample: 55698 - LF-75

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		0.993	mg/Kg	10	0.100	99	0 - 160
4-Bromofluorobenzene (4-BFB)		0.821	mg/Kg	10	0.100	82	0 - 174

Sample: 55702 - LF-79

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	16266	Date Analyzed:	2005-03-01	Analyzed By:	MS
Prep Batch:	14350	Sample Preparation:	2005-03-01	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene		<0.0100	mg/Kg	10	0.00100
Toluene		<0.0100	mg/Kg	10	0.00100
Ethylbenzene		<0.0100	mg/Kg	10	0.00100
Xylene		<0.0100	mg/Kg	10	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.19	mg/Kg	10	0.100	119	47.1 - 124

continued ...

sample continued ...

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
4-Bromofluorobenzene (4-BFB)	[2]	1.26	mg/Kg	10	0.100	126	51.7 - 123

Sample: 55707 - LF-84

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**62.8**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		120	mg/Kg	1	150	80	62.8 - 115

Sample: 55707 - LF-84

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)	[3]	1.04	mg/Kg	10	0.100	104	0 - 160
4-Bromofluorobenzene (4-BFB)		0.891	mg/Kg	10	0.100	89	0 - 174

Sample: 55714 - LF-93

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		108	mg/Kg	1	150	72	62.8 - 115

[2]HIgh recovery due to peak interference.
[3]High TFT surrogate recovery due to peak interference.

Sample: 55714 - LF-93

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		0.980	mg/Kg	10	0.100	98	0 - 160
4-Bromofluorobenzene (4-BFB)		0.792	mg/Kg	10	0.100	79	0 - 174

Sample: 55715 - LF-94

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		106	mg/Kg	1	150	71	62.8 - 115

Sample: 55715 - LF-94

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.01	mg/Kg	10	0.100	101	0 - 160
4-Bromofluorobenzene (4-BFB)		0.861	mg/Kg	10	0.100	86	0 - 174

Sample: 55720 - LF-100

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

continued ...

sample 55720 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

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		124	mg/Kg	1	150	83	62.8 - 115

Sample: 55720 - LF-100

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.01	mg/Kg	10	0.100	101	0 - 160
4-Bromofluorobenzene (4-BFB)		0.904	mg/Kg	10	0.100	90	0 - 174

Sample: 55722 - LF-102

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**235**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		155	mg/Kg	1	150	103	62.8 - 115

Sample: 55722 - LF-102

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

continued ...

sample 55722 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[4]	<5.00	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.873	mg/Kg	50	0.100	17	0 - 160
4-Bromofluorobenzene (4-BFB)		0.740	mg/Kg	50	0.100	15	0 - 174

Sample: 55723 - LF-103

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**138**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		143	mg/Kg	1	150	95	62.8 - 115

Sample: 55723 - LF-103

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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	0 - 160
4-Bromofluorobenzene (4-BFB)		0.926	mg/Kg	10	0.100	93	0 - 174

Sample: 55724 - LF-104

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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

[4]Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		128	mg/Kg	1	150	85	62.8 - 115

Sample: 55724 - LF-104

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		0.966	mg/Kg	10	0.100	97	0 - 160
4-Bromofluorobenzene (4-BFB)		0.812	mg/Kg	10	0.100	81	0 - 174

Sample: 55725 - LF-105

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		110	mg/Kg	1	150	73	62.8 - 115

Sample: 55725 - LF-105

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16209	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14298	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		0.981	mg/Kg	10	0.100	98	0 - 160
4-Bromofluorobenzene (4-BFB)		0.846	mg/Kg	10	0.100	85	0 - 174

Sample: 55727 - LF-107

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**111**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	150	87	62.8 - 115

Sample: 55727 - LF-107

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.09	mg/Kg	10	0.100	109	0 - 160
4-Bromofluorobenzene (4-BFB)		1.42	mg/Kg	10	0.100	142	0 - 174

Sample: 55729 - LF-109

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**95.5**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		132	mg/Kg	1	150	88	62.8 - 115

Sample: 55729 - LF-109

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

continued ...

sample 55729 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[5]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.08	mg/Kg	100	0.100	11	0 - 160
4-Bromofluorobenzene (4-BFB)		1.01	mg/Kg	100	0.100	10	0 - 174

Sample: 55730 - LF-110

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**132**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		144	mg/Kg	1	150	96	62.8 - 115

Sample: 55730 - LF-110

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

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)		1.07	mg/Kg	10	0.100	107	0 - 160
4-Bromofluorobenzene (4-BFB)		1.52	mg/Kg	10	0.100	152	0 - 174

Sample: 55731 - LF-111

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**56.7**	mg/Kg	1	50.0

[5]Sample ran at a dilution due to surfactant.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		123	mg/Kg	1	150	82	62.8 - 115

Sample: 55731 - LF-111

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[6]	<5.00	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.881	mg/Kg	50	0.100	18	0 - 160
4-Bromofluorobenzene (4-BFB)		0.953	mg/Kg	50	0.100	19	0 - 174

Sample: 55732 - LF-112

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**59.3**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		132	mg/Kg	1	150	88	62.8 - 115

Sample: 55732 - LF-112

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[7]	<5.00	mg/Kg	50	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.994	mg/Kg	50	0.100	20	0 - 160
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	50	0.100	21	0 - 174

[6]Sample diluted due to surfactant content.
[7]Sample diluted due to surfactant content.

Sample: 55733 - LF-113

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**62.7**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		109	mg/Kg	1	150	72	62.8 - 115

Sample: 55733 - LF-113

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[8]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.869	mg/Kg	100	0.100	9	0 - 160
4-Bromofluorobenzene (4-BFB)		0.756	mg/Kg	100	0.100	8	0 - 174

Sample: 55734 - LF-114

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

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		116	mg/Kg	1	150	78	62.8 - 115

Sample: 55734 - LF-114

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

continued ...

[8]Sample diluted due to surfactant content.

sample 55734 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[9]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.829	mg/Kg	100	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		0.769	mg/Kg	100	0.100	8	0 - 174

Sample: 55735 - LF-115

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**54.2**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		118	mg/Kg	1	150	79	62.8 - 115

Sample: 55735 - LF-115

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[10]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.784	mg/Kg	100	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	100	0.100	10	0 - 174

Sample: 55736 - LF-116

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**83.2**	mg/Kg	1	50.0

[9]Sample diluted due to surfactant content.
[10]Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		129	mg/Kg	1	150	86	62.8 - 115

Sample: 55736 - LF-116

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[11]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.851	mg/Kg	100	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	100	0.100	0	0 - 174

Sample: 55737 - LF-117

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**83.3**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	150	86	62.8 - 115

Sample: 55737 - LF-117

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[12]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.902	mg/Kg	200	0.100	4	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

[11] Sample diluted due to surfactant content.
[12] Sample diluted due to surfactant content.

Sample: 55738 - LF-118

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**152**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	150	94	62.8 - 115

Sample: 55738 - LF-118

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO	[13]	<10.0		mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	100	0.100	10	0 - 160
4-Bromofluorobenzene (4-BFB)		0.862	mg/Kg	100	0.100	9	0 - 174

Sample: 55739 - LF-119

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**115**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		120	mg/Kg	1	150	80	62.8 - 115

Sample: 55739 - LF-119

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

continued ...

[13] Sample diluted due to surfactant content.

sample 55739 continued . . .

Parameter	Flag	RL Result	Units	Dilution	RL
Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[14]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.11	mg/Kg	200	0.100	6	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55740 - LF-120

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**91.6**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		143	mg/Kg	1	150	95	62.8 - 115

Sample: 55740 - LF-120

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[15]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.838	mg/Kg	200	0.100	4	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55741 - LF-121

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**55.3**	mg/Kg	1	50.0

[14]Sample diluted due to surfactant content.
[15]Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		123	mg/Kg	1	150	82	62.8 - 115

Sample: 55741 - LF-121

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[16]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.680	mg/Kg	200	0.100	3	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55742 - LF-122

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**111**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		134	mg/Kg	1	150	89	62.8 - 115

Sample: 55742 - LF-122

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[17]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.767	mg/Kg	200	0.100	4	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

[16]Sample diluted due to surfactant content.
[17]Sample diluted due to surfactant content.

Sample: 55743 - LF-123

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**131**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	150	86	62.8 - 115

Sample: 55743 - LF-123

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[18]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.05	mg/Kg	200	0.100	5	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55745 - LF-125

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**120**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	150	93	62.8 - 115

Sample: 55745 - LF-125

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

continued . . .

[18] Sample diluted due to surfactant content. (special)

sample 55745 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[19]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.993	mg/Kg	200	0.100	5	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55746 - LF-126

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**102**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		108	mg/Kg	1	150	72	62.8 - 115

Sample: 55746 - LF-126

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16210	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14301	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[20]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.07	mg/Kg	200	0.100	5	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55747 - LF-127

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**91.7**	mg/Kg	1	50.0

[19] Sample diluted due to surfactant content.
[20] Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		125	mg/Kg	1	150	83	62.8 - 115

Sample: 55747 - LF-127

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[21]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.854	mg/Kg	100	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		0.826	mg/Kg	100	0.100	8	0 - 174

Sample: 55748 - LF-128

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16242	Date Analyzed:	2005-03-01	Analyzed By:	BP
Prep Batch:	14332	Sample Preparation:	2005-03-01	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**133**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		118	mg/Kg	1	150	79	62.8 - 115

Sample: 55748 - LF-128

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[22]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.908	mg/Kg	100	0.100	9	0 - 160
4-Bromofluorobenzene (4-BFB)		0.891	mg/Kg	100	0.100	9	0 - 174

[21] Sample diluted due to surfactant content.
[22] Sample diluted due to surfactant content.

Sample: 55749 - LF-129

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**182**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		160	mg/Kg	1	150	107	62.8 - 115

Sample: 55749 - LF-129

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[23]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.840	mg/Kg	100	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		0.773	mg/Kg	100	0.100	8	0 - 174

Sample: 55750 - LF-130

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**229**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		148	mg/Kg	1	150	98	62.8 - 115

Sample: 55750 - LF-130

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

continued ...

[23] Sample diluted due to surfactant content.

sample 55750 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[24]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.897	mg/Kg	100	0.100	9	0 - 160
4-Bromofluorobenzene (4-BFB)		0.836	mg/Kg	100	0.100	8	0 - 174

Sample: 55751 - LF-131

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**117**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		124	mg/Kg	1	150	82	62.8 - 115

Sample: 55751 - LF-131

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[25]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.06	mg/Kg	100	0.100	11	0 - 160
4-Bromofluorobenzene (4-BFB)		1.02	mg/Kg	100	0.100	10	0 - 174

Sample: 55752 - LF-132

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**65.3**	mg/Kg	1	50.0

[24] Sample diluted due to surfactant content.
[25] Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		128	mg/Kg	1	150	85	62.8 - 115

Sample: 55752 - LF-132

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[26]	<20.0	mg/Kg	200	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	200	0.100	5	0 - 160
4-Bromofluorobenzene (4-BFB)		0.00	mg/Kg	200	0.100	0	0 - 174

Sample: 55753 - LF-133

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**66.6**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		107	mg/Kg	1	150	71	62.8 - 115

Sample: 55753 - LF-133

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[27]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.760	mg/Kg	100	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		0.841	mg/Kg	100	0.100	8	0 - 174

[26]Sample diluted due to surfactant content.
[27]Sample diluted due to surfactant content.

Sample: 55754 - LF-134

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**87.9**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	150	86	62.8 - 115

Sample: 55754 - LF-134

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[28]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.904	mg/Kg	100	0.100	9	0 - 160
4-Bromofluorobenzene (4-BFB)		0.825	mg/Kg	100	0.100	8	0 - 174

Sample: 55755 - LF-135

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**267**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		158	mg/Kg	1	150	105	62.8 - 115

Sample: 55755 - LF-135

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

continued ...

[28] Sample diluted due to surfactant content.

sample 55755 continued ...

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[29]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.966	mg/Kg	100	0.100	10	0 - 160
4-Bromofluorobenzene (4-BFB)		0.877	mg/Kg	100	0.100	9	0 - 174

Sample: 55756 - LF-136

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**101**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		128	mg/Kg	1	150	86	62.8 - 115

Sample: 55756 - LF-136

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[30]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.953	mg/Kg	100	0.100	10	0 - 160
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	100	0.100	10	0 - 174

Sample: 55757 - LF-137

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**146**	mg/Kg	1	50.0

[29] Sample diluted due to surfactant content.
[30] Sample diluted due to surfactant content.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		130	mg/Kg	1	150	87	62.8 - 115

Sample: 55757 - LF-137

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[31]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.954	mg/Kg	100	0.100	10	0 - 160
4-Bromofluorobenzene (4-BFB)		0.951	mg/Kg	100	0.100	10	0 - 174

Sample: 55758 - LF-138

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**149**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		140	mg/Kg	1	150	93	62.8 - 115

Sample: 55758 - LF-138

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[32]	<10.0	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.943	mg/Kg	100	0.100	9	0 - 160
4-Bromofluorobenzene (4-BFB)		0.917	mg/Kg	100	0.100	9	0 - 174

[31] Sample diluted due to surfactant content.
[32] Sample diluted due to surfactant content.

Sample: 55759 - LF-139

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	16174	Date Analyzed:	2005-02-26	Analyzed By:	BP
Prep Batch:	14272	Sample Preparation:	2005-05-25	Prepared By:	BP

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**121**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		134	mg/Kg	1	150	89	62.8 - 115

Sample: 55759 - LF-139

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	16212	Date Analyzed:	2005-02-26	Analyzed By:	MS
Prep Batch:	14302	Sample Preparation:	2005-02-26	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO	[33]	<1.00	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.0839	mg/Kg	10	0.100	8	0 - 160
4-Bromofluorobenzene (4-BFB)		0.0933	mg/Kg	10	0.100	9	0 - 174

Method Blank (1) QC Batch: 16174

Parameter	Flag	MDL Result	Units	RL
DRO		<7.24	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		115	mg/Kg	1	150	77	62.8 - 115

Method Blank (2) QC Batch: 16174

Parameter	Flag	MDL Result	Units	RL
DRO		<7.24	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		102	mg/Kg	1	150	68	62.8 - 115

[33] Sample diluted due to surfactant content.

Method Blank (3) QC Batch: 16174

Parameter	Flag	MDL Result	Units	RL
DRO		<7.24	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		106	mg/Kg	1	150	71	62.8 - 115

Method Blank (1) QC Batch: 16209

Parameter	Flag	MDL Result	Units	RL
GRO		<0.381	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.940	mg/Kg	10	0.100	94	81.8 - 109
4-Bromofluorobenzene (4-BFB)	[34]	0.279	mg/Kg	10	0.100	28	50.7 - 113

Method Blank (1) QC Batch: 16210

Parameter	Flag	MDL Result	Units	RL
GRO		<0.381	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.07	mg/Kg	10	0.100	107	81.8 - 109
4-Bromofluorobenzene (4-BFB)		0.574	mg/Kg	10	0.100	57	50.7 - 113

Method Blank (1) QC Batch: 16212

Parameter	Flag	MDL Result	Units	RL
GRO		<0.381	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.06	mg/Kg	10	0.100	106	81.8 - 109
4-Bromofluorobenzene (4-BFB)		0.518	mg/Kg	10	0.100	52	50.7 - 113

Method Blank (1) QC Batch: 16242

Parameter	Flag	MDL Result	Units	RL
DRO		<7.24	mg/Kg	50

[34]Low BFB surrogate recovery due to prep. TFT surrogate recovery shows analysis to be in control.

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		115	mg/Kg	1	150	77	62.8 - 115

Method Blank (1) QC Batch: 16266

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00153	mg/Kg	0.001
Toluene		<0.000954	mg/Kg	0.001
Ethylbenzene		<0.000954	mg/Kg	0.001
Xylene		<0.00300	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	47.2 - 109
4-Bromofluorobenzene (4-BFB)	[35]	0.454	mg/Kg	10	0.100	45	63.4 - 130

Laboratory Control Spike (LCS-1) QC Batch: 16174

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	224	220	mg/Kg	1	250	<7.24	90	2	68.4 - 128	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	102	102	mg/Kg	1	150	68	68	62.8 - 115

Laboratory Control Spike (LCS-2) QC Batch: 16174

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	270	238	mg/Kg	1	250	<7.24	108	13	68.4 - 128	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	121	102	mg/Kg	1	150	81	68	62.8 - 115

Laboratory Control Spike (LCS-3) QC Batch: 16174

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	236	227	mg/Kg	1	250	<7.24	94	4	68.4 - 128	20

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

[35]BFB surrogate recovery outside normal limits in MB-1. TFT surrogate recovery shows analysis to be in control.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	114	109	mg/Kg	1	150	76	73	62.8 - 115

Laboratory Control Spike (LCS-1) QC Batch: 16209

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	7.76	7.94	mg/Kg	10	1.00	<0.381	78	2	72 - 124	21

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)		0.998	0.924	mg/Kg	10	0.100	100	92	80.4 - 113
4-Bromofluorobenzene (4-BFB)	[36][37]	0.581	0.568	mg/Kg	10	0.100	58	57	72.2 - 119

Laboratory Control Spike (LCS-1) QC Batch: 16210

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	11.1	11.2	mg/Kg	10	1.00	<0.381	111	1	72 - 124	21

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)	1.10	1.13	mg/Kg	10	0.100	110	113	80.4 - 113
4-Bromofluorobenzene (4-BFB)	1.05	1.02	mg/Kg	10	0.100	105	102	72.2 - 119

Laboratory Control Spike (LCS-1) QC Batch: 16212

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	9.83	11.3	mg/Kg	10	1.00	<0.381	98	14	72 - 124	21

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)	1.02	1.04	mg/Kg	10	0.100	102	104	80.4 - 113
4-Bromofluorobenzene (4-BFB)	0.916	0.961	mg/Kg	10	0.100	92	96	72.2 - 119

Laboratory Control Spike (LCS-1) QC Batch: 16242

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	269	261	mg/Kg	1	250	<7.24	108	3	68.4 - 128	20

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

[36]BFB outside normal limits in LCS-1. TFT surrogate shows analysis to be in control.
[37]BFB outside normal limits in LCSD-1. TFT surrogate shows analysis to be in control.

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	129	124	mg/Kg	1	150	86	83	62.8 - 115

Laboratory Control Spike (LCS-1) QC Batch: 16266

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.905	0.941	mg/Kg	10	0.100	<0.0153	90	4	71.9 - 117	9.4
Toluene	0.911	0.949	mg/Kg	10	0.100	<0.00954	91	4	74.1 - 115	8.2
Ethylbenzene	0.955	0.992	mg/Kg	10	0.100	<0.00954	96	4	77.8 - 115	9.7
Xylene	3.09	3.22	mg/Kg	10	0.300	<0.0300	103	4	80.6 - 119	10.3

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)	1.05	1.07	mg/Kg	10	0.100	105	107	60.7 - 130
4-Bromofluorobenzene (4-BFB)	0.972	0.993	mg/Kg	10	0.100	97	99	75.3 - 114

Matrix Spike (MS-1) QC Batch: 16174 Spiked Sample: 55696

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	216	227	mg/Kg	1	250	<7.24	86	5	51.3 - 133	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	96.1	96.7	mg/Kg	1	150	64	64	62.8 - 115

Matrix Spike (MS-2) QC Batch: 16174 Spiked Sample: 55733

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	240	280	mg/Kg	1	250	62.71	96	15	51.3 - 133	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	111	111	mg/Kg	1	150	74	74	62.8 - 115

Matrix Spike (MS-3) QC Batch: 16174 Spiked Sample: 55759

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	339	328	mg/Kg	1	250	120.76	87	3	51.3 - 133	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	109	108	mg/Kg	1	150	73	72	62.8 - 115

Matrix Spike (MS-1) QC Batch: 16209 Spiked Sample: 55685

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	12.2	11.4	mg/Kg	10	1.00	<0.381	122	7	0 - 182	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)	0.850	0.908	mg/Kg	10	0.1	85	91	0 - 160
4-Bromofluorobenzene (4-BFB)	0.970	1.09	mg/Kg	10	0.1	97	109	0 - 174

Matrix Spike (MS-1) QC Batch: 16210 Spiked Sample: 55686

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	13.1	13.8	mg/Kg	10	1.00	0.932	131	5	0 - 182	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)	0.960	0.994	mg/Kg	10	0.1	96	99	0 - 160
4-Bromofluorobenzene (4-BFB)	1.65	1.59	mg/Kg	10	0.1	165	159	0 - 174

Matrix Spike (MS-1) QC Batch: 16212 Spiked Sample: 55687

Param		MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	[3839]	7.29	7.68	mg/Kg	100	1.00	<3.81	7	5	0 - 182	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)	0.966	0.864	mg/Kg	100	0.1	10	9	0 - 160
4-Bromofluorobenzene (4-BFB)	0.998	0.936	mg/Kg	100	0.1	10	9	0 - 174

Matrix Spike (MS-1) QC Batch: 16242 Spiked Sample: 55748

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	408	408	mg/Kg	1	250	133	110	0	51.3 - 133	20

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

[38]Sample diluted due to surfactant content.LCS/LCSD show analysis to be in control.
[39]Sample diluted due to surfactant content. LCS/LCSD show analysis to be in control.

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	132	134	mg/Kg	1	150	88	89	62.8 - 115

Matrix Spike (MS-1) QC Batch: 16266 Spiked Sample: 55338

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.27	1.24	mg/Kg	10	0.200	<0.0153	64	2	45.5 - 124	17.9
Toluene	1.32	1.28	mg/Kg	10	0.200	<0.00954	66	3	50.2 - 119	16.9
Ethylbenzene	1.38	1.33	mg/Kg	10	0.200	<0.00954	69	4	51.9 - 115	18.2
Xylene	4.39	4.26	mg/Kg	10	0.600	<0.0300	73	3	49.2 - 125	15.3

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)	1.46	1.40	mg/Kg	10	0.2	73	70	47.1 - 124
4-Bromofluorobenzene (4-BFB)	1.33	1.26	mg/Kg	10	0.2	66	63	51.7 - 123

Standard (ICV-1) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	221	88	75 - 125	2005-02-26

Standard (CCV-1) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	250	100	75 - 125	2005-02-26

Standard (CCV-2) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	232	93	75 - 125	2005-02-26

Standard (ICV-2) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	251	100	75 - 125	2005-02-26

Standard (CCV-3) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	252	101	75 - 125	2005-02-26

Standard (CCV-4) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	232	93	75 - 125	2005-02-26

Standard (ICV-3) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	262	105	75 - 125	2005-02-26

Standard (CCV-5) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	267	107	75 - 125	2005-02-26

Standard (CCV-6) QC Batch: 16174

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	270	108	75 - 125	2005-02-26

Standard (ICV-1) QC Batch: 16209

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.874	87	85 - 115	2005-02-26

Standard (CCV-1) QC Batch: 16209

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.870	87	85 - 115	2005-02-26

Standard (CCV-2) QC Batch: 16209

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.858	86	85 - 115	2005-02-26

Standard (ICV-1) QC Batch: 16210

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.11	111	85 - 115	2005-02-26

Standard (CCV-1) QC Batch: 16210

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.07	107	85 - 115	2005-02-26

Standard (CCV-2) QC Batch: 16210

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.07	107	85 - 115	2005-02-26

Standard (ICV-1) QC Batch: 16212

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.08	108	85 - 115	2005-02-26

Standard (CCV-1) QC Batch: 16212

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.09	109	85 - 115	2005-02-26

Standard (CCV-2) QC Batch: 16212

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.05	105	85 - 115	2005-02-26

Standard (ICV-1) QC Batch: 16242

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	272	109	75 - 125	2005-03-01

Standard (CCV-1) QC Batch: 16242

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	271	108	75 - 125	2005-03-01

Standard (ICV-1) QC Batch: 16266

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0947	95	85 - 115	2005-03-01
Toluene		mg/Kg	0.100	0.0982	98	85 - 115	2005-03-01
Ethylbenzene		mg/Kg	0.100	0.101	101	85 - 115	2005-03-01
Xylene		mg/Kg	0.300	0.326	109	85 - 115	2005-03-01

Standard (CCV-1) QC Batch: 16266

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0948	95	85 - 115	2005-03-01
Toluene		mg/Kg	0.100	0.0944	94	85 - 115	2005-03-01
Ethylbenzene		mg/Kg	0.100	0.0986	99	85 - 115	2005-03-01
Xylene		mg/Kg	0.300	0.318	106	85 - 115	2005-03-01

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Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon,Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: Nova
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #:
e-mail: 432-520-7701
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: Lea County
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	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	8015 modified OA1/GRO	Turn Around Time if different from standard	Hold
55674	LF-44	1	40z		X							X		2-22-05	1115																			X
75	LF-45														1120																			X
76	LF-46														1125																			X
77	LF-47														1130																			X
78	LF-53														1110																			X
79	LF-54														1105																			X
80	LF-55														1100																			X
81	LF-56														1055																			X
82	LF-57														1050																			X
83	LF-58														1045																			X
84	LF-59														1035																			X

Relinquished by: Date: 2-24-05 Time: 1630
Received by: Helen Shelton Date: 2/24/05 Time: 1630
Relinquished by: Helen Shelton Date: 2/24/05 Time: 1730
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 2-25-05 Time: 11:08

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples-HS

ORIGINAL COPY

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 5.6 °
Log-in Review

REMARKS:

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

Carrier # Lone Star p120390

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
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El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: NOVA
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #: 432-520-7701
e-mail:
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM 9716
Project Name: Becky Jo Doom
Project Location: Lea County
Sampler Signature:

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
55685	LF-61	1	40z		X							X		2-22-05	1025
86	LF-62														1020
87	LF-63														1015
88	LF-64														1010
89	LF-65														1005
90	LF-67														1215
91	LF-68														1210
92	LF-69														1205
93	LF-70														1200
94	LF-71														1155
95	LF-72														1150

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	8015 modified (Mo/gro)		Turn Around Time if different from standard	Hold
																X				
																X				
																X				
																X				
																				X
																				X
																				X
																				X
																				X
																				X
																X				

Relinquished by: Date: 2-24-05 Time: 1630
Received by: Date: Time:
Relinquished by: Date: Time:
Received by: Helen Shelton 2/24/05 1630
Relinquished by: Helen Shelton 2/24/05 1730
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 2-25-05 Time: 11:08

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples-HS

ORIGINAL COPY

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 1° °
Log-in Review

REMARKS:

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

Carrier # Fone Star P120 3906

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon,Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: Nova
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #: 432-520-7701
e-mail:
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: Lea County
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	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	8015 Modified (DRO/GRO)			Turn Around Time if different from standard	Hold
55696	LF-73	1	4oz		X							X		2-22-05	1145																	X				
97	LF 74														1140																	X				
98	LF-75														1135																	X				
99	LF-76														1220																					X
700	LF-77														1225																					X
701	LF-78														1230																					X
702	LF-79														1235		X																			
703	LF-80														1240																					X
704	LF-81														1245																					X
705	LF-82														1250																					X
706	LF-83	↓	↓		↓							↓		↓	1255																					X

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	2-24-05	1630	Helen Shelton	2/24/05	1632
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Helen Shelton	2/24/05	1730			
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				2-25-05	11:00

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples HS

ORIGINAL COPY

LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 1°
Log-in Review

REMARKS:

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

Carrier # Jone Star 712634006

Page 4 of 8

6701 Aberdeen Avenue, Ste. 9
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1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon,Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: Nova
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #: 432-520-7701
e-mail:
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: Lea County
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	BTEX 8021B/602	TPH 418.1/TX1005	TX 1005 Extended (C35)	PAH 8270C	Total Metals Ag As Ba Cd Cr Pb Se Hg 6010B/2007	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	8015 modified (DRO/GRO)		Turn Around Time if different from standard	Hold
55707	LF-84	1	4oz	X								X		2-24-05	1300																	X			
08	LF-85				X										1305																				X
09	LF-86														1310																				X
10	LF-87														1315																				X
11	LF-89														1320																				X
12	LF-90														1325																				X
13	LF-91														1330																				X
14	LF-93														1335																		X		
15	LF-94														1340																		X		
16	LF-95														1345																				X
17	LF-97														1350																				X

Relinquished by: Date: 2/24/05 Time: 1630
Received by: Helen Shelton Date: 2/24/05 Time: 1630
Relinquished by: Helen Shelton Date: 2/24/05 Time: 1730
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 2-25-05 Time: 11:08

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples HS

ORIGINAL COPY

LAB USE ONLY

Intact (Y) N
Headspace Y / N
Temp 1.6 °
Log-in Review

REMARKS:

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

Carrier # Lone Star #12039016

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: NOVA
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #: 432-520-7701
e-mail:
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: Lea County
Sampler Signature:

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
55718	LF-98	1	402		X							X		2-22-05	1355
19	LF-99														1400
20	LF-100														1405
21	LF-101														1410
22	LF-102														1415
23	LF-103														1420
24	LF-104													2-23-05	830
25	LF-105														835
26	LF-106														840
27	LF-107														845
28	LF-108														850

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	8OD TSS pH	Moisture Content	8015 Modified (Mod/gro)			Turn Around Time if different from standard	Hold
																X					
																X					
																X					
																X					
																X					
																X					
																X					
																X					X
																X					X

Relinquished by: Date: 2-24-05 Time: 1630
Received by: Helen Shelton Date: 2/24/05 Time: 1630
Relinquished by: Helen Shelton Date: 2/24/05 Time: 1730
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 2-25-05 Time: 11:08

LAB USE ONLY
Intact (Y) N
Headspace Y / N
Temp 1.6 °
Log-in Review

REMARKS:

☐ Dry Weight Basis Required
☐ TRRP Report Required
☐ Check If Special Reporting Limits Are Needed

Carrier # Lone Star #120 3906

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples HS

ORIGINAL COPY

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon, Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: NOVA
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #:
e-mail: 432-520-7701
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: Lea County
Sampler Signature:

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
55729	LF-109	1	4oz		X							X		2-23-05	855
30	LF-110														900
31	LF-111														905
32	LF-112														910
33	LF-113														915
34	LF-114														920
35	LF-115														925
36	LF-116														930
37	LF-117														935
38	LF-118														940
39	LF-119														945

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	8015 Modified (DRO/GRO)		Turn Around Time if different from standard	Hold
																	X			
																	X			
																	X			
																	X			
																	X			
																	X			
																	X			
																	X			
																	X			
																	X			
																	X			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
	2-24-05	1630	Helen Shelton	2/24/05	1630
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Helen Shelton	2/24/05	1730			
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
				225.05	11:08

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 1°C
Log-in Review

REMARKS:

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

Carrier # Lone Star P/U 03906

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples-HS

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1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

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El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: Nova
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #: 432-520-7701
e-mail:
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: Lea County
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	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	8015 modified (DRO)		Turn Around Time if different from standard	Hold
55740	LF-120	1	4oz		X							X		2-23-05	950																	X			
41	LF-121														955																	X			
42	LF-122														1000																	X			
43	LF-123														1005																	X			
44	LF-124														1010																	X			
45	LF-125														1015																	X			
46	LF-126														1020																	X			
47	LF-127														1025																	X			
48	LF-128														1030																	X			
49	LF-129														1035																	X			
50	LF-130														1040																	X			

Relinquished by: Date: 2-24-05 Time: 1630
Received by: Date: 2/24/05 Time: 1630
Relinquished by: Date: 2/24/05 Time: 1730
Received by: Date: Time:
Relinquished by: Date: Time:
Received at Laboratory by: Date: 2-25-05 Time: 11:45

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 11 samples - HS

ORIGINAL COPY

LAB USE ONLY

Intact (Y) N
Headspace Y / N
Temp 1° C
Log-in Review

REMARKS:

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

Carrier # Lone Star P1203906

Report Date: March 3, 2005
TNM-9716

Work Order: 5022513
Becky Jo Doom

Page Number: 47 of 48
Lea County

6701 Aberdeen Avenue, Ste. 9
Lubbock, Texas 79424
Tel (806) 794-1296
Fax (806) 794-1298
1 (800) 378-1296
email: lab@traceanalysis.com

TraceAnalysis, Inc.

155 McCutcheon,Suite H
El Paso, Texas 79932
Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5022513

Company Name: NOVA
Phone #: 432-520-7720
Address: (Street, City, Zip) 2057 Commerce
Fax #: 432-520-7701
e-mail:
Contact Person: Kurt Stanley
Invoice to: (If different from above) Plains
Project #: TNM-9716
Project Name: Becky Jo Doom
Project Location: [redacted] Lea County
Sampler Signature: James Connally

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	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	8015 modified (DRO/GRO)		Turn Around Time if different from standard	Hold
55751	LF-131	1	4oz		X							X		2-23-05	1045																	X			
52	LF-132														1050																	X			
53	LF-133														1055																	X			
54	LF-134														1100																	X			
55	LF-135														1105																	X			
56	LF-136														1110																	X			
57	LF-137														1115																	X			
58	LF-138														1120																	X			
59	LF-139														1125																	X			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	2-24-05	1630	Ellen Shelton	2/24/05	1630
Ellen Shelton	2/24/05	1730			
			Received at Laboratory by: [signature]	2-25-05	11:05

Submittal of samples constitutes agreement to Terms and Conditions listed on reverse side of C.O.C. 9 samples-15

ORIGINAL COPY

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 1°C
Log-in Review [signature]

REMARKS:

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

Carrier # Lone Star Courier P1203906

Appendix B:
Release Notification and Corrective Action
Form C-141

District I - (505) 393-6161
P.O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 South First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

State of New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-141
Originated 2/13/97

Submit 2 copies to Appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action
OPERATOR
☒ Initial Report ☐ Final Report

Name	Contact
Texas-New Mexico Pipe Line Company	Edwin H. Gripp
Address	**Telephone No.**
Box 60028, San Angelo, TX 76906	(915) 947-9000
Facility Name	**Facility Type**
Vacuum Jct. to Gal Maini Lemi	Pipe Line

Surface Owner	Mineral Owner	Lease No.
Berby Jo Doane		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	12	24S	37E					Lea

NATURE OF RELEASE

Type of Release	Volume of Release	Volume Recovered
Sour Crude	748 Barrels	80 Barrels
Source of Release	**Date and Hour of Occurrence**	**Date and Hour of Discovery**
14" Maini Lemi	Unknown	7-30-97 3:30 PM
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	**If YES, To Whom?**	
	Larry Wink	
By Whom?	**Date and Hour**	
Johnny W. Chapman	7-30-97 5:20 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. Leak successfully clamped off.

Describe Area Affected and Cleanup Action Taken.*

25,000 sq ft pasture land.
Oil soaked area will be excavated.

Describe General Conditions Prevailing (Temperature, Precipitation, etc.).*

95° Clear

I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
Signature:

Printed Name: Edwin H. Gripp
Title: District Manager
Date: 8-12-97 Phone: 915-947-9001

OIL CONSERVATION DIVISION

Approved by District Supervisor:
Approval Date: Expiration Date:
Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary

State Corp. Commission
Pipe Line Division

Hazardous Waste Section
NM Environmental Improvement Div.

TNM-97-16 JWC JAS