CHEVRONTEXACO MONUMENT 12

REMEDIATION & CLOSURE REPORT

FEBRUARY 2006

PLAINS ALL AMERICAN PIPELINE

HOUSTON, TEXAS

PREPARED BY:

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1.0 INTRODUCTION

The subject site is located in Section 12, Township 19 South, Range 36 East in Lea County, New Mexico. A tank battery and well are located on site.

A Plains Marketing (Plains) transport truck released about 92 barrels of crude oil (25 barrels of which were recovered) into a 10,500 square foot area in the center of the gravel pad east of the battery. The New Mexico Oil Conservation District was verbally notified of the leak on May 9, 2004. The C-141 is located in **Appendix III**.

2.0 REGULATORY FRAMEWORK

The NMOCD "Guidelines for Remediation of Leaks, Spills, and Releases, August 13, 1993" document sets the clean up criteria for remediation of hydrocarbon releases. According to this document, this site has a ranking score of 10 since the expected depth to groundwater is 50 to 99 feet below ground surface. In addition, surface water bodies and wellhead protection areas are over 1,000 feet away resulting in a score of zero. With a total ranking score of 10, the site is subject to remediation action levels of 1,000 ppm TPH, 10 ppm Benzene, and 50 ppm BTEX.

3.0 SITE ACTIVITIES

Allstate Environmental Services (AES) conducted a subsurface investigation of the site on May 10, 2004 where excavation of contaminated soil was initiated with the contaminated soil being placed on a 40-mil plastic liner. On May 12, 2004, AES installed seven (7) soil borings and screened samples taken in five (5) foot vertical intervals. Samples were screened with a photoionization detector (PID) for volatile organic compounds. This screening aids in the selection of soil samples for laboratory analysis. Soil samples were collected and analyzed by a laboratory for benzene, toluene, ethylbenzene, and xylenes (BTEX) as well as for total petroleum hydrocarbons including gasoline range organics and diesel range organics (TPH-GRO/DRO). The soil borings ranged in depth from 35 feet below ground surface (bgs) to 60 feet bgs.

On April 5, 2005, BBC International, Inc. added five (5) soil borings to the existing seven (7) at the location to further delineate the spill area that had not been excavated. The soil borings were advanced to a minimum depth of thirty (30'). The sampling protocol employed taking samples at six inches (6"), three feet (3'), five feet (5'), and at 5' intervals to total depth. The 6", 3', 5', and 30' samples were automatically submitted for laboratory analysis for TPH DRO/GRO 8015 MOD and BTEX. The sample registering the highest PID reading from the interval between 10' and 25' depths were submitted as well. If the PID reading was zero for all, the 6", 5', and 30' samples were submitted. Since the previous soil borings were advanced to much greater depths and registered either non-

detect or very low TPH readings, it was not necessary to advance the new borings past 30'. However, in the event that hydrocarbons were encountered in a soil boring at 30', BBC was prepared to continue until either hydrocarbons were below NMOCD criteria or groundwater was reached.

Attached is a site diagram depicting the location of the twelve (12) soil borings advanced at the site and the ten (10) near surface soil samples taken at the site. The diagram also lists at what depth the highest TPH sample results were found on the site. Groundwater was not encountered during the advancing of the soil borings. See **Appendix I**.

The near-surface (6" – 1') soil sample points SP1 – SP 4 documented the concentrations of hydrocarbons, if present, inside the limits of the soil borings. With the nature of this spill being a surface spill from a truck running over and the previous data collected at depth, it appeared the hydrocarbons not recovered may have been bound up in the near surface soils/caliche. The data from these samples helped to verify this. Sample points SP5 – SP7 were bottom confirmation samples of the previously excavated soils currently stockpiled on location. These samples documented that the excavation did remove the hydrocarbons above the required limits. All of the soil samples were analyzed for TPH DRO/GRO 8015 MOD and BTEX.

After review of the data collected, it was determined that hydrocarbons did not penetrate into the soil at a sufficient depth to threaten groundwater. There were twelve (12) soil borings drilled to depths ranging from 30 feet below ground surface (bgs) to 60 feet bgs and sampled or screened every five (5) feet and in some cases 6 inches and 3 feet. At total of 44 soil samples from the borings were submitted for laboratory analysis. Twenty one (21) samples were non-detect for hydrocarbons, seventeen (17) were below 100 parts per million (ppm), and seven (7) were over 100 ppm. The highest TPH reading was 303 ppm at 5 feet in SB-3. The second highest was 243 ppm at 5 feet in SB-4. The third highest was 212 ppm at 3 feet in SB-11. In the case of the detections at SB-3 and SB-4, these were sampled prior to the excavation that was performed in 2004. This excavation was subsequently deepened to over 5 feet and was sampled at the bottom of the excavation for confirmation on April 5, 2005. The results at the three sample points (SP-5 - SP-7) in the bottom of the excavation range from a high of 2.74 ppm TPH to 2.30 ppm TPH.

The test results of the area in front of the tank battery at the near surface, where the truck overflow occurred, detected hydrocarbons above 100 ppm at two points. SP-2, located in the center of the pad area, had a detection of 266 ppm TPH and sample point Spoils South had a detection of 135 ppm TPH. The depths for these two samples were 6 inches to 1 foot.

In addition, two samples were taken from the spoils pile to the north. These spoils were from the previous excavation conducted in 2004. The test results

were 3117 ppm and 3703 ppm TPH. The purpose of these samples was to verify that the majority of the un-recovered crude oil from the truck overflow existed in the excavated stockpiled soils. All analytical data is located in **Appendix II**.

4.0 REMEDIATION AND CLOSURE

During the period from July 7-14, 2005, BBC processed the soil that was temporarily stockpiled on plastic (spoils) and screened it to remove large rocks and stones. In addition, the area in front of the tank battery (pad) was scraped and excavated to remove hydrocarbons that existed near the surface. This soil was also screened to remove large rocks and stones. The rocks and stones were placed into the bottom of the current excavation for partial fill. A total of approximately 1,600 cubic yards of impacted soil was screened.

The screened impacted soil, approximately 900 cubic yards, was removed from the site and transported to an OCD-approved disposal/land farm facility operated by Plains.

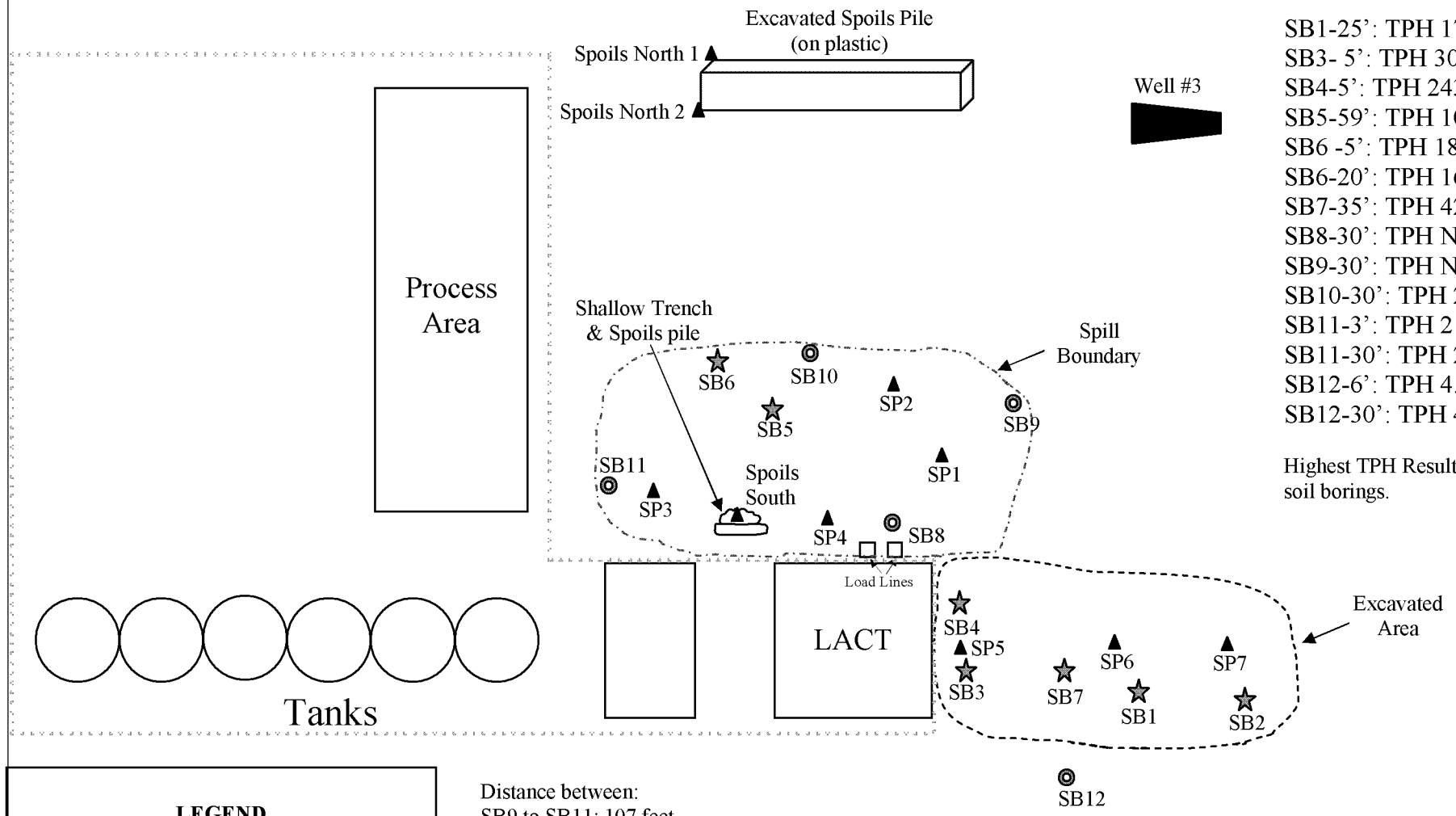
Confirmation bottom samples were taken on July 7, 2005 from the tank battery pad area to ensure the area was remediated to the appropriate TPH levels per the NMOCD clean up guidelines. The samples were all non-detect for BTEX and TPH-GRO. DRO levels for the samples showed 147 ppm, 136 ppm, and 255 ppm. By July 18, 2005, the excavations were backfilled and compacted to grade with clean caliche.

The site was remediated to the NMOCD's clean up criteria and all site activities were completed on July 21, 2005.

Plains respectfully requests the NMOCD to close the site and issue a "no further action" letter to Plains.

PLAINS ALL AMERICAN

CHEVRONTEXACO MONUMENT 12



SB1-25': TPH 173
SB3- 5': TPH 303
SB4-5': TPH 243
SB5-59': TPH 10.6
SB6 -5': TPH 182
SB6-20': TPH 164
SB7-35': TPH 42.8
SB8-30': TPH ND
SB9-30': TPH ND
SB10-30': TPH 2.47
SB11-3': TPH 212.13
SB11-30': TPH 2.90
SB12-6': TPH 4.50
SB12-30': TPH 4.07

Highest TPH Results in all soil borings.

LEGEND

- Soil Boring (SB) April 5, 2005
- Soil Boring (SB) May 12, 2004
- Sample Point (SP) April 5, 2005
- Excavated Soil

Distance between:
SB9 to SB11: 107 feet
SB8 to SB10: 40.5 feet

BBC INTERNATIONAL, INC.	
PLAINS ALL AMERICAN CHEVRONTEXACO MONUMENT 12	
Date: 4-28-05	Drawn By: JG
Disk:	Sheet 1 of 1 Sheets
Scale: Not to Scale	File Name

ChevronTexaco Monument 12

May 12, 2004

		Sample	SB-1 5'	SB-1 15'	SB-1 20'	SB-1 25'	SB-1 35'	SB-2 20'	SB-2 35'	SB-3 5'	SB-3 35'	SB-4 5'
Analyte	Method	Date										
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	05/12/04	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	S 8021B	05/12/04	<0.025	<0.025	<0.025	0.149	<0.025	<0.025	<0.025	<0.025	<0.025	0.039
Ethylbenzen	S 8021B	05/12/04	0.025	<0.025	<0.025	0.123	<0.025	<0.025	<0.025	<0.025	<0.025	0.100
Xylene	S 8021B	05/12/04	0.084	<0.025	<0.025	0.591	0.046	<0.025	<0.025	0.086	<0.025	0.426
TPH DRO	Mod. 801	05/12/04	76.5	<10	13.6	142	14.5	<10	<10	278	<10	196
TPH GRO	Mod. 801	05/12/04	16.5	<10	<10	31	<10	<10	<10	25	<10	46.5
TOTAL TPH			93.0	<10	13.6	173	14.5	<10	<10	303	<10	243

		Sample	SB-4 35'	SB-5 25'	SB-5 59'	SB-6 5'	SB-6 20'	SB-6 25'	SB-6 59'	SB-7 5'	SB-7 35'	SB-7 60'
Analyte	Method	Date										
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	05/12/04	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene	S 8021B	05/12/04	<0.025	<0.025	<0.025	0.026	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzen	S 8021B	05/12/04	<0.025	<0.025	<0.025	0.061	<0.025	0.081	<0.025	<0.025	0.033	<0.025
Xylene	S 8021B	05/12/04	<0.025	<0.025	<0.025	0.284	0.052	0.373	<0.025	<0.025	0.123	<0.025
TPH DRO	Mod. 801	05/12/04	15.1	<10	10.6	151	90	126	<10	12.4	42.8	<10
TPH GRO	Mod. 801	05/12/04	<10	<10	<10	30.9	15.7	38.4	<10	<10	<10	<10
TOTAL TPH			15.1	<10	10.6	182	106.0	164	<10	12.4	42.8	<10

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April 5, 2005

Analyte	Method	Sample Date	SB #8-6"	SB #8-3'	SB #8-5'	SB #8-15'	SB #8-30'	SB #9-6"	SB #9-3'	SB #9-5'	SB #9-15'	SB #9-30'	SB #10-6"	SB #10-3'
			Sample : 59328	Sample : 59329	Sample : 59330	Sample : 59331	Sample : 59332	Sample : 59333	Sample : 59334	Sample : 59335	Sample : 59336	Sample : 59337	Sample : 59338	Sample : 59339
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Toluene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Ethylbenzene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Xylene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
TPH DRO	Mod. 8015B	04/05/05	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
TPH GRO	Mod. 8015B	04/05/05	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
TOTAL TPH			ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Analyte	Method	Sample Date	SB #10-5'	SB #10-15'	SB #10-30'	SB #11-6"	SB #11-3'	SB #11-5'	SB #11-15'	SB #11-30'	SB #12-6"	SB #12-3'	SB #12-5'	SB #12-15'
			Sample : 59340	Sample : 59341	Sample : 59342	Sample : 59343	Sample : 59344	Sample : 59345	Sample : 59346	Sample : 59347	Sample : 59348	Sample : 59349	Sample : 59350	Sample : 59351
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Toluene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Ethylbenzene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
Xylene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100
TPH DRO	Mod. 8015B	04/05/05	<50	<50	<50	<50	209	<50	<50	<50	<50	<50	<50	<50
TPH GRO	Mod. 8015B	04/05/05	<1.00	<1.00	2.47	2.74	3.13	2.31	2.60	2.90	4.50	2.78	3.70	2.22
TOTAL TPH			ND	ND	2.47	2.74	212.13	2.31	2.60	2.90	4.50	2.78	3.70	2.22

Analyte	Method	Sample Date	SB #12-30'	SP #5 (6" - 1')	SP #6 (6" - 1')	SP #7 (6" - 1')	SP #1 (6" - 1')	SP #2 (6" - 1')	SP #3 (6" - 1')	SP #4 (6" - 1')	Spoils South	Spoils North 1	Spoils North 2
			Sample : 59352	Sample : 59353	Sample : 59354	Sample : 59355	Sample : 59356	Sample : 59357	Sample : 59358	Sample : 59359	Sample : 59360	Sample : 59361	Sample : 59362
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100	<0.100
Toluene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100	<0.100
Ethylbenzene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100	<0.100
Xylene	S 8021B	04/05/05	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.100	<0.100
TPH DRO	Mod. 8015B	04/05/05	<50	<50	<50	<50	<50	256	<50	<50	125	3000	3510
TPH GRO	Mod. 8015B	04/05/05	4.07	2.74	2.44	2.30	2.47	10.70	3.40	3.14	10.70	117	193
TOTAL TPH			4.07	2.74	2.44	2.3	2.47	266.7	3.4	3.14	135.7	3117	3703

Summary Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM 88240

Report Date: April 13, 2005

Work Order: 5040713

Project Location: Chevron Texaco Monument 12
Project Name: Chevron Texaco Monument 12

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
59328	SB #8-6	soil	2005-04-05	08:35	2005-04-07
59329	SB #8-3'	soil	2005-04-05	08:40	2005-04-07
59330	SB #8-5'	soil	2005-04-05	08:47	2005-04-07
59331	SB #8-15'	soil	2005-04-05	09:06	2005-04-07
59332	SB #8-30'	soil	2005-04-05	09:26	2005-04-07
59333	SB #9-6	soil	2005-04-05	09:46	2005-04-07
59334	SB #9-3'	soil	2005-04-05	09:53	2005-04-07
59335	SB #9-5'	soil	2005-04-05	09:58	2005-04-07
59336	SB #9-15'	soil	2005-04-05	10:11	2005-04-07
59337	SB #9-30'	soil	2005-04-05	10:35	2005-04-07
59338	SB #10-6	soil	2005-04-05	10:48	2005-04-07
59339	SB #10-3'	soil	2005-04-05	10:53	2005-04-07
59340	SB #10-5'	soil	2005-04-05	10:58	2005-04-07
59341	SB #10-15'	soil	2005-04-05	11:12	2005-04-07
59342	SB #10-30'	soil	2005-04-05	11:31	2005-04-07
59343	SB #11-6	soil	2005-04-05	11:48	2005-04-07
59344	SB #11-3'	soil	2005-04-05	11:52	2005-04-07
59345	SB #11-5'	soil	2005-04-05	11:58	2005-04-07
59346	SB #11-15'	soil	2005-04-05	12:13	2005-04-07
59347	SB #11-30'	soil	2005-04-05	12:35	2005-04-07
59348	SB #12-6	soil	2005-04-05	14:06	2005-04-07
59349	SB #12-3'	soil	2005-04-05	14:14	2005-04-07
59350	SB #12-5'	soil	2005-04-05	14:20	2005-04-07
59351	SB #12-15'	soil	2005-04-05	14:29	2005-04-07
59352	SB #12-30'	soil	2005-04-05	14:46	2005-04-07
59353	SP #5	soil	2005-04-05	15:00	2005-04-07
59354	SP #6	soil	2005-04-05	15:04	2005-04-07
59355	SP #7	soil	2005-04-05	15:07	2005-04-07
59356	SP #1	soil	2005-04-05	15:15	2005-04-07
59357	SP #2	soil	2005-04-05	15:20	2005-04-07
59358	SP #3	soil	2005-04-05	15:25	2005-04-07
59359	SP #4	soil	2005-04-05	15:35	2005-04-07
59360	Spoils South	soil	2005-04-05	15:40	2005-04-07
59361	Spoils North 1	soil	2005-04-05	15:35	2005-04-07
59362	Spoils North 2	soil	2005-04-05	15:50	2005-04-07

Sample - Field Code	BTEX Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Xylene (mg/Kg)	MTBE MTBE (mg/Kg)	TPH DRO DRO (mg/Kg)	TPH GRO GRO (mg/Kg)
59328 - SB #8-6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59329 - SB #8-3'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59330 - SB #8-5'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59331 - SB #8-15'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59332 - SB #8-30'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59333 - SB #9-6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59334 - SB #9-3'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59335 - SB #9-5'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59336 - SB #9-15'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59337 - SB #9-30'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59338 - SB #10-6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59339 - SB #10-3'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59340 - SB #10-5'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59341 - SB #10-15'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	<1.00
59342 - SB #10-30'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.47
59343 - SB #11-6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.74
59344 - SB #11-3'	<0.0100	<0.0100	<0.0100	<0.0100		209	3.13
59345 - SB #11-5'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.31
59346 - SB #11-15'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.60
59347 - SB #11-30'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.90
59348 - SB #12-6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	4.50
59349 - SB #12-3'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.78
59350 - SB #12-5'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	3.70
59351 - SB #12-15'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.22
59352 - SB #12-30'	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	4.07
59353 - SP #5	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.74
59354 - SP #6	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.44
59355 - SP #7	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.30
59356 - SP #1	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	2.47
59357 - SP #2	<0.0100	<0.0100	<0.0100	<0.0100		256	10.7
59358 - SP #3	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	3.40
59359 - SP #4	<0.0100	<0.0100	<0.0100	<0.0100		<50.0	3.14
59360 - Spoils South	<0.0100	<0.0100	<0.0100	<0.0100		125	10.7
59361 - Spoils North 1	<0.100	<0.100	<0.100	<0.100		3000	117
59362 - Spoils North 2	<0.100	<0.100	<0.100	<0.100		3510	193

TRACEANALYSIS, INC.

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E-Mail: lab@traceanalysis.com

Analytical and Quality Control Report

Cliff Brunson
BBC International
1324 W. Marland
Hobbs, NM 88240

Report Date: April 13, 2005

Work Order: 5040713

Project Location: Chevron Texaco Monument 12
Project Name: Chevron Texaco Monument 12
Project Number: Chevron Texaco Monument 12

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
59328	SB #8-6	soil	2005-04-05	08:35	2005-04-07
59329	SB #8-3'	soil	2005-04-05	08:40	2005-04-07
59330	SB #8-5'	soil	2005-04-05	08:47	2005-04-07
59331	SB #8-15'	soil	2005-04-05	09:06	2005-04-07
59332	SB #8-30'	soil	2005-04-05	09:26	2005-04-07
59333	SB #9-6	soil	2005-04-05	09:46	2005-04-07
59334	SB #9-3'	soil	2005-04-05	09:53	2005-04-07
59335	SB #9-5'	soil	2005-04-05	09:58	2005-04-07
59336	SB #9-15'	soil	2005-04-05	10:11	2005-04-07
59337	SB #9-30'	soil	2005-04-05	10:35	2005-04-07
59338	SB #10-6	soil	2005-04-05	10:48	2005-04-07
59339	SB #10-3'	soil	2005-04-05	10:53	2005-04-07
59340	SB #10-5'	soil	2005-04-05	10:58	2005-04-07
59341	SB #10-15'	soil	2005-04-05	11:12	2005-04-07
59342	SB #10-30'	soil	2005-04-05	11:31	2005-04-07
59343	SB #11-6	soil	2005-04-05	11:48	2005-04-07
59344	SB #11-3'	soil	2005-04-05	11:52	2005-04-07
59345	SB #11-5'	soil	2005-04-05	11:58	2005-04-07
59346	SB #11-15'	soil	2005-04-05	12:13	2005-04-07
59347	SB #11-30'	soil	2005-04-05	12:35	2005-04-07
59348	SB #12-6	soil	2005-04-05	14:06	2005-04-07
59349	SB #12-3'	soil	2005-04-05	14:14	2005-04-07
59350	SB #12-5'	soil	2005-04-05	14:20	2005-04-07
59351	SB #12-15'	soil	2005-04-05	14:29	2005-04-07
59352	SB #12-30'	soil	2005-04-05	14:46	2005-04-07
59353	SP #5	soil	2005-04-05	15:00	2005-04-07
59354	SP #6	soil	2005-04-05	15:04	2005-04-07
59355	SP #7	soil	2005-04-05	15:07	2005-04-07
59356	SP #1	soil	2005-04-05	15:15	2005-04-07
59357	SP #2	soil	2005-04-05	15:20	2005-04-07
59358	SP #3	soil	2005-04-05	15:25	2005-04-07
59359	SP #4	soil	2005-04-05	15:35	2005-04-07
59360	Spoils South	soil	2005-04-05	15:40	2005-04-07

Sample	Description	Matrix	Date Taken	Time Taken	Date Received
59361	Spoils North 1	soil	2005-04-05	15:35	2005-04-07
59362	Spoils North 2	soil	2005-04-05	15:50	2005-04-07

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.

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Dr. Blair Leftwich, Director

Analytical Report

Sample: 59328 - SB #8-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.865	mg/Kg	10	0.100	86	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.975	mg/Kg	10	0.100	98	36.6 - 112

Sample: 59328 - SB #8-6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		96.4	mg/Kg	1	150	64	50 - 150

Sample: 59328 - SB #8-6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.958	mg/Kg	10	0.100	96	10 - 160
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	10	0.100	100	10 - 174

Sample: 59329 - SB #8-3'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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]	0.621	mg/Kg	10	0.100	62	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.693	mg/Kg	10	0.100	69	36.6 - 112

Sample: 59329 - SB #8-3'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		91.1	mg/Kg	1	150	61	50 - 150

Sample: 59329 - SB #8-3'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.685	mg/Kg	10	0.100	68	10 - 160
4-Bromofluorobenzene (4-BFB)		0.703	mg/Kg	10	0.100	70	10 - 174

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

Sample: 59330 - SB #8-5'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL	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)	[2]	0.723	mg/Kg	10	0.100	72	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.807	mg/Kg	10	0.100	81	36.6 - 112

Sample: 59330 - SB #8-5'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		98.5	mg/Kg	1	150	66	50 - 150

Sample: 59330 - SB #8-5'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.816	mg/Kg	10	0.100	82	10 - 160
4-Bromofluorobenzene (4-BFB)		0.820	mg/Kg	10	0.100	82	10 - 174

[2]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59331 - SB #8-15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)	[3]	0.698	mg/Kg	10	0.100	70	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.786	mg/Kg	10	0.100	79	36.6 - 112

Sample: 59331 - SB #8-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		88.8	mg/Kg	1	150	59	50 - 150

Sample: 59331 - SB #8-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.785	mg/Kg	10	0.100	78	10 - 160
4-Bromofluorobenzene (4-BFB)		0.799	mg/Kg	10	0.100	80	10 - 174

[3]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59332 - SB #8-30'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL	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)		0.901	mg/Kg	10	0.100	90	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.03	mg/Kg	10	0.100	103	36.6 - 112

Sample: 59332 - SB #8-30'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		91.1	mg/Kg	1	150	61	50 - 150

Sample: 59332 - SB #8-30'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		1.01	mg/Kg	10	0.100	101	10 - 160
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	10 - 174

Sample: 59333 - SB #9-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.763	mg/Kg	10	0.100	76	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.847	mg/Kg	10	0.100	85	36.6 - 112

Sample: 59333 - SB #9-6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		105	mg/Kg	1	150	70	50 - 150

Sample: 59333 - SB #9-6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.866	mg/Kg	10	0.100	87	10 - 160
4-Bromofluorobenzene (4-BFB)		0.859	mg/Kg	10	0.100	86	10 - 174

Sample: 59334 - SB #9-3'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL	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)	[4]	0.740	mg/Kg	10	0.100	74	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.826	mg/Kg	10	0.100	83	36.6 - 112

Sample: 59334 - SB #9-3'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		88.2	mg/Kg	1	150	59	50 - 150

Sample: 59334 - SB #9-3'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.840	mg/Kg	10	0.100	84	10 - 160
4-Bromofluorobenzene (4-BFB)		0.840	mg/Kg	10	0.100	84	10 - 174

[4]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59335 - SB #9-5'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL 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)	[5]	0.731	mg/Kg	10	0.100	73	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.806	mg/Kg	10	0.100	81	36.6 - 112

Sample: 59335 - SB #9-5'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		86.2	mg/Kg	1	150	58	50 - 150

Sample: 59335 - SB #9-5'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.819	mg/Kg	10	0.100	82	10 - 160
4-Bromofluorobenzene (4-BFB)		0.816	mg/Kg	10	0.100	82	10 - 174

[5]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59336 - SB #9-15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)	[6]	0.614	mg/Kg	10	0.100	61	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.684	mg/Kg	10	0.100	68	36.6 - 112

Sample: 59336 - SB #9-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		93.3	mg/Kg	1	150	62	50 - 150

Sample: 59336 - SB #9-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.687	mg/Kg	10	0.100	69	10 - 160
4-Bromofluorobenzene (4-BFB)		0.700	mg/Kg	10	0.100	70	10 - 174

[6]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59337 - SB #9-30'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL	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)		0.752	mg/Kg	10	0.100	75	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.848	mg/Kg	10	0.100	85	36.6 - 112

Sample: 59337 - SB #9-30'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		83.8	mg/Kg	1	150	56	50 - 150

Sample: 59337 - SB #9-30'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.852	mg/Kg	10	0.100	85	10 - 160
4-Bromofluorobenzene (4-BFB)		0.862	mg/Kg	10	0.100	86	10 - 174

Sample: 59338 - SB #10-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL	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)	[7]	0.718	mg/Kg	10	0.100	72	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.800	mg/Kg	10	0.100	80	36.6 - 112

Sample: 59338 - SB #10-6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		78.7	mg/Kg	1	150	52	50 - 150

Sample: 59338 - SB #10-6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.832	mg/Kg	10	0.100	83	10 - 160
4-Bromofluorobenzene (4-BFB)		0.823	mg/Kg	10	0.100	82	10 - 174

[7]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59339 - SB #10-3'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

Parameter	Flag	Result	RL	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)	[8]	0.647	mg/Kg	10	0.100	65	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.722	mg/Kg	10	0.100	72	36.6 - 112

Sample: 59339 - SB #10-3'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		85.5	mg/Kg	1	150	57	50 - 150

Sample: 59339 - SB #10-3'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.724	mg/Kg	10	0.100	72	10 - 160
4-Bromofluorobenzene (4-BFB)		0.734	mg/Kg	10	0.100	73	10 - 174

[8]TFT recovery outside normal limits. BFB surrogate recovery shows analysis to be in control. •

Sample: 59340 - SB #10-5'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.756	mg/Kg	10	0.100	76	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.846	mg/Kg	10	0.100	85	36.6 - 112

Sample: 59340 - SB #10-5'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		80.7	mg/Kg	1	150	54	50 - 150

Sample: 59340 - SB #10-5'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.866	mg/Kg	10	0.100	87	10 - 160
4-Bromofluorobenzene (4-BFB)		0.867	mg/Kg	10	0.100	87	10 - 174

Sample: 59341 - SB #10-15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17249	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.829	mg/Kg	10	0.100	83	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.928	mg/Kg	10	0.100	93	36.6 - 112

Sample: 59341 - SB #10-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		87.0	mg/Kg	1	150	58	50 - 150

Sample: 59341 - SB #10-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17252	Date Analyzed:	2005-04-07	Analyzed By:	MT
Prep Batch:	15205	Sample Preparation:	2005-04-07	Prepared By:	MT

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)		0.923	mg/Kg	10	0.100	92	10 - 160
4-Bromofluorobenzene (4-BFB)		0.943	mg/Kg	10	0.100	94	10 - 174

Sample: 59342 - SB #10-30'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.761	mg/Kg	10	0.100	76	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.838	mg/Kg	10	0.100	84	75.8 - 111

Sample: 59342 - SB #10-30'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		80.9	mg/Kg	1	150	54	50 - 150

Sample: 59342 - SB #10-30'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**2.47**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[9]	0.686	mg/Kg	10	0.100	69	70 - 130
4-Bromofluorobenzene (4-BFB)		0.715	mg/Kg	10	0.100	72	70 - 130

[9] Surrogate out due to peak interference.

Sample: 59343 - SB #11-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL 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)		0.826	mg/Kg	10	0.100	83	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.882	mg/Kg	10	0.100	88	75.8 - 111

Sample: 59343 - SB #11-6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		81.2	mg/Kg	1	150	54	50 - 150

Sample: 59343 - SB #11-6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL Units	Dilution	RL
GRO		**2.74**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.714	mg/Kg	10	0.100	71	70 - 130
4-Bromofluorobenzene (4-BFB)		0.756	mg/Kg	10	0.100	76	70 - 130

Sample: 59344 - SB #11-3'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.782	mg/Kg	10	0.100	78	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.884	mg/Kg	10	0.100	88	75.8 - 111

Sample: 59344 - SB #11-3'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

Parameter	Flag	Result	RL	Units	Dilution	RL
DRO		**209**		mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		158	mg/Kg	1	150	105	50 - 150

Sample: 59344 - SB #11-3'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**3.13**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.743	mg/Kg	10	0.100	74	70 - 130
4-Bromofluorobenzene (4-BFB)		0.866	mg/Kg	10	0.100	87	70 - 130

Sample: 59345 - SB #11-5'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.776	mg/Kg	10	0.100	78	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.835	mg/Kg	10	0.100	84	75.8 - 111

Sample: 59345 - SB #11-5'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		76.3	mg/Kg	1	150	51	50 - 150

Sample: 59345 - SB #11-5'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**2.31**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[10]	0.643	mg/Kg	10	0.100	64	70 - 130
4-Bromofluorobenzene (4-BFB)		0.706	mg/Kg	10	0.100	71	70 - 130

[10]Surrogate out due to peak interference.

Sample: 59346 - SB #11-15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.826	mg/Kg	10	0.100	83	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.934	mg/Kg	10	0.100	93	75.8 - 111

Sample: 59346 - SB #11-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		76.9	mg/Kg	1	150	51	50 - 150

Sample: 59346 - SB #11-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**2.60**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.731	mg/Kg	10	0.100	73	70 - 130
4-Bromofluorobenzene (4-BFB)		0.793	mg/Kg	10	0.100	79	70 - 130

Sample: 59347 - SB #11-30'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.894	mg/Kg	10	0.100	89	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.969	mg/Kg	10	0.100	97	75.8 - 111

Sample: 59347 - SB #11-30'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		82.0	mg/Kg	1	150	55	50 - 150

Sample: 59347 - SB #11-30'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**2.90**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.753	mg/Kg	10	0.100	75	70 - 130
4-Bromofluorobenzene (4-BFB)		0.822	mg/Kg	10	0.100	82	70 - 130

Sample: 59348 - SB #12-6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.804	mg/Kg	10	0.100	80	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.957	mg/Kg	10	0.100	96	75.8 - 111

Sample: 59348 - SB #12-6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		98.8	mg/Kg	1	150	66	50 - 150

Sample: 59348 - SB #12-6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**4.50**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.764	mg/Kg	10	0.100	76	70 - 130
4-Bromofluorobenzene (4-BFB)		0.870	mg/Kg	10	0.100	87	70 - 130

Sample: 59349 - SB #12-3'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.900	mg/Kg	10	0.100	90	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.982	mg/Kg	10	0.100	98	75.8 - 111

Sample: 59349 - SB #12-3'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		87.1	mg/Kg	1	150	58	50 - 150

Sample: 59349 - SB #12-3'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**2.78**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.756	mg/Kg	10	0.100	76	70 - 130
4-Bromofluorobenzene (4-BFB)		0.843	mg/Kg	10	0.100	84	70 - 130

Sample: 59350 - SB #12-5'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.677	mg/Kg	10	0.100	68	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.770	mg/Kg	10	0.100	77	75.8 - 111

Sample: 59350 - SB #12-5'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		81.3	mg/Kg	1	150	54	50 - 150

Sample: 59350 - SB #12-5'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**3.70**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[11]	0.643	mg/Kg	10	0.100	64	70 - 130
4-Bromofluorobenzene (4-BFB)		0.763	mg/Kg	10	0.100	76	70 - 130

[11] TFT outside normal limits. BFB surrogate recovery shows the method to be in control.

Sample: 59351 - SB #12-15'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.744	mg/Kg	10	0.100	74	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.876	mg/Kg	10	0.100	88	75.8 - 111

Sample: 59351 - SB #12-15'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		87.8	mg/Kg	1	150	58	50 - 150

Sample: 59351 - SB #12-15'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		2.22	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[12]	0.620	mg/Kg	10	0.100	62	70 - 130
4-Bromofluorobenzene (4-BFB)		0.760	mg/Kg	10	0.100	76	70 - 130

[12]Surrogate out due to peak interference.

Sample: 59352 - SB #12-30'

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.791	mg/Kg	10	0.100	79	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.934	mg/Kg	10	0.100	93	75.8 - 111

Sample: 59352 - SB #12-30'

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		88.7	mg/Kg	1	150	59	50 - 150

Sample: 59352 - SB #12-30'

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**4.07**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.760	mg/Kg	10	0.100	76	70 - 130
4-Bromofluorobenzene (4-BFB)		0.899	mg/Kg	10	0.100	90	70 - 130

Sample: 59353 - SP #5

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.799	mg/Kg	10	0.100	80	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.882	mg/Kg	10	0.100	88	75.8 - 111

Sample: 59353 - SP #5

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		86.3	mg/Kg	1	150	58	50 - 150

Sample: 59353 - SP #5

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**2.74**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[13]	0.662	mg/Kg	10	0.100	66	70 - 130
4-Bromofluorobenzene (4-BFB)		0.752	mg/Kg	10	0.100	75	70 - 130

[13] Surrogate out due to peak interference.

Sample: 59354 - SP #6

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.869	mg/Kg	10	0.100	87	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.942	mg/Kg	10	0.100	94	75.8 - 111

Sample: 59354 - SP #6

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		79.1	mg/Kg	1	150	53	50 - 150

Sample: 59354 - SP #6

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**2.44**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.726	mg/Kg	10	0.100	73	70 - 130
4-Bromofluorobenzene (4-BFB)		0.801	mg/Kg	10	0.100	80	70 - 130

Sample: 59355 - SP #7

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.789	mg/Kg	10	0.100	79	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.883	mg/Kg	10	0.100	88	75.8 - 111

Sample: 59355 - SP #7

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		83.2	mg/Kg	1	150	55	50 - 150

Sample: 59355 - SP #7

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**2.30**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[14]	0.657	mg/Kg	10	0.100	66	70 - 130
4-Bromofluorobenzene (4-BFB)		0.753	mg/Kg	10	0.100	75	70 - 130

[14]Surrogate out due to peak interference.

Sample: 59356 - SP #1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.827	mg/Kg	10	0.100	83	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.900	mg/Kg	10	0.100	90	75.8 - 111

Sample: 59356 - SP #1

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		76.4	mg/Kg	1	150	51	50 - 150

Sample: 59356 - SP #1

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**2.47**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.696	mg/Kg	10	0.100	70	70 - 130
4-Bromofluorobenzene (4-BFB)		0.768	mg/Kg	10	0.100	77	70 - 130

Sample: 59357 - SP #2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	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)		0.765	mg/Kg	10	0.100	76	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.985	mg/Kg	10	0.100	98	75.8 - 111

Sample: 59357 - SP #2

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

Parameter	Flag	Result	RL Result	Units	Dilution	RL
DRO			**256**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		86.2	mg/Kg	1	150	57	50 - 150

Sample: 59357 - SP #2

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL Result	Units	Dilution	RL
GRO			**10.7**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.717	mg/Kg	10	0.100	72	70 - 130
4-Bromofluorobenzene (4-BFB)		0.991	mg/Kg	10	0.100	99	70 - 130

Sample: 59358 - SP #3

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.798	mg/Kg	10	0.100	80	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.872	mg/Kg	10	0.100	87	75.8 - 111

Sample: 59358 - SP #3

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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		81.6	mg/Kg	1	150	54	50 - 150

Sample: 59358 - SP #3

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**3.40**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[15]	0.694	mg/Kg	10	0.100	69	70 - 130
4-Bromofluorobenzene (4-BFB)		0.756	mg/Kg	10	0.100	76	70 - 130

[15] Surrogate out due to peak interference.

Sample: 59359 - SP #4

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	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)		0.788	mg/Kg	10	0.100	79	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.911	mg/Kg	10	0.100	91	75.8 - 111

Sample: 59359 - SP #4

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

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

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		77.3	mg/Kg	1	150	52	50 - 150

Sample: 59359 - SP #4

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	Result	RL	Units	Dilution	RL
GRO		**3.14**		mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[16]	0.665	mg/Kg	10	0.100	66	70 - 130
4-Bromofluorobenzene (4-BFB)		0.806	mg/Kg	10	0.100	81	70 - 130

[16]Surrogate out due to peak interference.

Sample: 59360 - Spoils South

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17230	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	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)		0.775	mg/Kg	10	0.100	78	61.8 - 113
4-Bromofluorobenzene (4-BFB)		0.909	mg/Kg	10	0.100	91	75.8 - 111

Sample: 59360 - Spoils South

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**125**	mg/Kg	1	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		86.8	mg/Kg	1	150	58	50 - 150

Sample: 59360 - Spoils South

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17248	Date Analyzed:	2005-04-07	Analyzed By:	MS
Prep Batch:	15192	Sample Preparation:	2005-04-07	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**10.7**	mg/Kg	10	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[17]	0.670	mg/Kg	10	0.100	67	70 - 130
4-Bromofluorobenzene (4-BFB)		0.888	mg/Kg	10	0.100	89	70 - 130

[17] Surrogate out due to peak interference.

Sample: 59361 - Spoils North 1

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17280	Date Analyzed:	2005-04-11	Analyzed By:	MS
Prep Batch:	15233	Sample Preparation:	2005-04-11	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	[18]	<0.100	mg/Kg	100	0.00100
Toluene		<0.100	mg/Kg	100	0.00100
Ethylbenzene		<0.100	mg/Kg	100	0.00100
Xylene		<0.100	mg/Kg	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[19]	0.639	mg/Kg	100	0.0100	64	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[20]	1.32	mg/Kg	100	0.0100	132	36.6 - 112

Sample: 59361 - Spoils North 1

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**3000**	mg/Kg	5	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[21]	355	mg/Kg	5	30.0	237	50 - 150

Sample: 59361 - Spoils North 1

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17281	Date Analyzed:	2005-04-11	Analyzed By:	MS
Prep Batch:	15233	Sample Preparation:	2005-04-11	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**117**	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.706	mg/Kg	100	0.0100	71	10 - 160
4-Bromofluorobenzene (4-BFB)		1.17	mg/Kg	100	0.0100	117	10 - 174

[18]Sample ran at dilution due to hydrocarbons with a retention time greater than xylene.
[19]Surrogate out due to peak interference.
[20]Surrogate out due to peak interference.
[21]High surrogate recovery due to peak interference.

Sample: 59362 - Spoils North 2

Analysis:	BTEX	Analytical Method:	S 8021B	Prep Method:	S 5035
QC Batch:	17280	Date Analyzed:	2005-04-11	Analyzed By:	MS
Prep Batch:	15233	Sample Preparation:	2005-04-11	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
Benzene	[22]	<0.100	mg/Kg	100	0.00100
Toluene		<0.100	mg/Kg	100	0.00100
Ethylbenzene		<0.100	mg/Kg	100	0.00100
Xylene		<0.100	mg/Kg	100	0.00100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)	[23]	0.576	mg/Kg	100	0.0100	58	74.5 - 114
4-Bromofluorobenzene (4-BFB)	[24]	1.26	mg/Kg	100	0.0100	126	36.6 - 112

Sample: 59362 - Spoils North 2

Analysis:	TPH DRO	Analytical Method:	Mod. 8015B	Prep Method:	N/A
QC Batch:	17206	Date Analyzed:	2005-04-07	Analyzed By:	DS
Prep Batch:	15168	Sample Preparation:	2005-04-07	Prepared By:	DS

Parameter	Flag	RL Result	Units	Dilution	RL
DRO		**3510**	mg/Kg	5	50.0

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane	[25]	334	mg/Kg	5	30.0	223	50 - 150

Sample: 59362 - Spoils North 2

Analysis:	TPH GRO	Analytical Method:	S 8015B	Prep Method:	S 5035
QC Batch:	17281	Date Analyzed:	2005-04-11	Analyzed By:	MS
Prep Batch:	15233	Sample Preparation:	2005-04-11	Prepared By:	MS

Parameter	Flag	RL Result	Units	Dilution	RL
GRO		**193**	mg/Kg	100	0.100

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.667	mg/Kg	100	0.0100	67	10 - 160
4-Bromofluorobenzene (4-BFB)		1.50	mg/Kg	100	0.0100	150	10 - 174

[22] Sample ran at dilution due to hydrocarbons with a retention time greater than xylene.
[23] Surrogate out due to peak interference.
[24] Surrogate out due to peak interference.
[25] High surrogate recovery due to peak interference.

Method Blank (1) QC Batch: 17206

Parameter	Flag	MDL Result	Units	RL
DRO		<12.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		100	mg/Kg	1	150	67	50 - 150

Method Blank (2) QC Batch: 17206

Parameter	Flag	MDL Result	Units	RL
DRO		<12.0	mg/Kg	50

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
n-Triacontane		85.9	mg/Kg	1	150	57	50 - 150

Method Blank (1) QC Batch: 17230

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.000690	mg/Kg	0.001
Toluene		<0.00100	mg/Kg	0.001
Ethylbenzene		<0.00235	mg/Kg	0.001
Xylene		<0.00251	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.981	mg/Kg	10	0.100	98	45.3 - 112
4-Bromofluorobenzene (4-BFB)		1.04	mg/Kg	10	0.100	104	40.1 - 107

Method Blank (1) QC Batch: 17248

Parameter	Flag	MDL Result	Units	RL
GRO		1.90	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.02	mg/Kg	10	0.100	102	57.8 - 112
4-Bromofluorobenzene (4-BFB)		0.878	mg/Kg	10	0.100	88	33.4 - 131

Method Blank (1) QC Batch: 17249

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.930	mg/Kg	10	0.100	93	74.5 - 114
4-Bromofluorobenzene (4-BFB)		1.00	mg/Kg	10	0.100	100	36.6 - 112

Method Blank (1) QC Batch: 17252

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)		1.02	mg/Kg	10	0.100	102	50.7 - 113

Method Blank (1) QC Batch: 17280

Parameter	Flag	MDL Result	Units	RL
Benzene		<0.00333	mg/Kg	0.001
Toluene		<0.00353	mg/Kg	0.001
Ethylbenzene		<0.00339	mg/Kg	0.001
Xylene		<0.0103	mg/Kg	0.001

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		0.926	mg/Kg	10	0.00	93	74.5 - 114
4-Bromofluorobenzene (4-BFB)		0.989	mg/Kg	10	0.00	99	36.6 - 112

Method Blank (1) QC Batch: 17281

Parameter	Flag	MDL Result	Units	RL
GRO		2.27	mg/Kg	0.1

Surrogate	Flag	Result	Units	Dilution	Spike Amount	Percent Recovery	Recovery Limits
Trifluorotoluene (TFT)		1.04	mg/Kg	10	0.100	104	81.8 - 109
4-Bromofluorobenzene (4-BFB)		0.954	mg/Kg	10	0.100	95	50.7 - 113

Laboratory Control Spike (LCS-1) QC Batch: 17206

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	266	265	mg/Kg	1	250	<12.0	106	0	70 - 130	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	95.9	102	mg/Kg	1	150	64	68	50 - 150

Laboratory Control Spike (LCS-2) QC Batch: 17206

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	245	254	mg/Kg	1	250	<12.0	98	4	70 - 130	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
n-Triacontane	83.2	86.2	mg/Kg	1	150	55	57	50 - 150

Laboratory Control Spike (LCS-1) QC Batch: 17230

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	1.01	0.988	mg/Kg	10	0.100	<0.000690	101	2	74.8 - 116	20
Toluene	1.01	0.991	mg/Kg	10	0.100	<0.00100	101	2	78.9 - 112	20
Ethylbenzene	1.02	0.986	mg/Kg	10	0.100	<0.00235	102	3	77.6 - 114	20
Xylene	2.86	2.82	mg/Kg	10	0.300	<0.00251	95	1	81.1 - 113	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	1.05	1.02	mg/Kg	10	0.100	105	102	61.8 - 113
4-Bromofluorobenzene (4-BFB)	0.975	0.959	mg/Kg	10	0.100	98	96	75.8 - 111

Laboratory Control Spike (LCS-1) QC Batch: 17248

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	9.28	8.68	mg/Kg	10	1.00	<0.236	93	7	79 - 111	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.862	0.823	mg/Kg	10	0.100	86	82	68.1 - 115

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Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
4-Bromofluorobenzene (4-BFB)	0.969	0.943	mg/Kg	10	0.100	97	94	68.7 - 130

Laboratory Control Spike (LCS-1) QC Batch: 17249

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.988	0.987	mg/Kg	10	0.100	<0.0333	99	0	79.8 - 114	20
Toluene	1.00	0.998	mg/Kg	10	0.100	<0.0353	100	0	79.7 - 115	20
Ethylbenzene	1.03	1.03	mg/Kg	10	0.100	<0.0339	103	0	78.7 - 116	20
Xylene	3.06	3.06	mg/Kg	10	0.300	<0.103	102	0	78.7 - 118	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.944	0.937	mg/Kg	10	0.100	94	94	76.6 - 114
4-Bromofluorobenzene (4-BFB)	1.05	1.04	mg/Kg	10	0.100	105	104	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 17252

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	11.3	11.6	mg/Kg	10	1.00	<0.381	113	3	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)	1.08	1.05	mg/Kg	10	0.100	108	105	80.4 - 113
4-Bromofluorobenzene (4-BFB)	1.13	1.08	mg/Kg	10	0.100	113	108	72.2 - 119

Laboratory Control Spike (LCS-1) QC Batch: 17280

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.947	0.954	mg/Kg	10	0.100	<0.0333	95	1	79.8 - 114	20
Toluene	0.956	0.961	mg/Kg	10	0.100	<0.0353	96	0	79.7 - 115	20
Ethylbenzene	0.972	0.978	mg/Kg	10	0.100	<0.0339	97	1	78.7 - 116	20
Xylene	2.88	2.89	mg/Kg	10	0.300	<0.103	96	0	78.7 - 118	20

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

Surrogate	LCS Result	LCSD Result	Units	Dil.	Spike Amount	LCS Rec.	LCSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.916	0.921	mg/Kg	10	0.100	92	92	76.6 - 114
4-Bromofluorobenzene (4-BFB)	1.01	1.01	mg/Kg	10	0.100	101	101	72 - 111

Laboratory Control Spike (LCS-1) QC Batch: 17281

Param	LCS Result	LCSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.3	11.1	mg/Kg	10	1.00	<0.381	103	7	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)	1.03	1.07	mg/Kg	10	0.100	103	107	80.4 - 113
4-Bromofluorobenzene (4-BFB)	1.02	1.05	mg/Kg	10	0.100	102	105	72.2 - 119

Matrix Spike (MS-1) QC Batch: 17206 Spiked Sample: 59333

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	295	248	mg/Kg	1	250	<12.0	118	17	70 - 130	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	124	91.6	mg/Kg	1	150	83	61	50 - 150

Matrix Spike (MS-2) QC Batch: 17206 Spiked Sample: 59353

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
DRO	290	295	mg/Kg	1	250	<12.0	116	2	70 - 130	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
n-Triacontane	82.9	89.0	mg/Kg	1	150	55	59	50 - 150

Matrix Spike (MS-1) QC Batch: 17230 Spiked Sample: 59325

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.575	0.595	mg/Kg	10	0.100	<0.000690	58	3	55.8 - 102	20
Toluene	0.585	0.577	mg/Kg	10	0.100	<0.00100	58	1	56.2 - 110	20
Ethylbenzene	0.615	0.613	mg/Kg	10	0.100	<0.00235	62	0	60.1 - 104	20
Xylene	1.76	1.75	mg/Kg	10	0.300	<0.00251	59	1	57.9 - 108	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.586	0.650	mg/Kg	10	0.1	59	65	39.9 - 109
4-Bromofluorobenzene (4-BFB)	0.604	0.600	mg/Kg	10	0.1	60	60	49.2 - 118

Matrix Spike (MS-1) QC Batch: 17248 Spiked Sample: 59348

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	10.3	10.4	mg/Kg	10	1.00	<0.236	103	1	0 - 277	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.705	0.726	mg/Kg	10	0.1	70	73	62 - 114
4-Bromofluorobenzene (4-BFB)	0.815	0.861	mg/Kg	10	0.1	82	86	66.9 - 136

Matrix Spike (MS-1) QC Batch: 17249 Spiked Sample: 59302

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
Benzene	0.772	0.742	mg/Kg	10	0.100	<0.0333	77	4	63.5 - 98.6	20
Toluene	0.818	0.774	mg/Kg	10	0.100	<0.0353	82	6	65.8 - 102	20
Ethylbenzene	0.867	0.820	mg/Kg	10	0.100	<0.0339	87	6	66.6 - 106	20
Xylene	2.57	2.43	mg/Kg	10	0.300	<0.103	86	6	67.4 - 108	20

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

Surrogate	MS Result	MSD Result	Units	Dil.	Spike Amount	MS Rec.	MSD Rec.	Rec. Limit
Trifluorotoluene (TFT)	0.755	0.736	mg/Kg	10	0.1	76	74	60.1 - 104
4-Bromofluorobenzene (4-BFB)	0.867	0.831	mg/Kg	10	0.1	87	83	63.1 - 105

Matrix Spike (MS-1) QC Batch: 17252 Spiked Sample: 59328

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	9.15	11.1	mg/Kg	10	1.00	<0.381	92	19	10 - 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)	0.614	0.870	mg/Kg	10	0.1	61	87	10 - 160
4-Bromofluorobenzene (4-BFB)	0.712	0.937	mg/Kg	10	0.1	71	94	10 - 174

Matrix Spike (MS-1) QC Batch: 17281 Spiked Sample: 59637

Param	MS Result	MSD Result	Units	Dil.	Spike Amount	Matrix Result	Rec.	RPD	Rec. Limit	RPD Limit
GRO	11.3	9.64	mg/Kg	10	1.00	<0.381	113	16	10 - 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)	0.997	0.969	mg/Kg	10	0.1	100	97	10 - 160
4-Bromofluorobenzene (4-BFB)	0.896	0.876	mg/Kg	10	0.1	90	88	10 - 174

Standard (ICV-1) QC Batch: 17206

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	247	99	75 - 125	2005-04-07

Standard (CCV-1) QC Batch: 17206

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	242	97	75 - 125	2005-04-07

Standard (CCV-2) QC Batch: 17206

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	234	94	75 - 125	2005-04-07

Standard (CCV-3) QC Batch: 17206

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	2005-04-07

Standard (ICV-2) QC Batch: 17206

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	245	98	75 - 125	2005-04-07

Standard (CCV-4) QC Batch: 17206

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	246	99	75 - 125	2005-04-07

Standard (CCV-5) QC Batch: 17206

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
DRO		mg/Kg	250	229	92	75 - 125	2005-04-07

Standard (ICV-1) QC Batch: 17230

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0989	99	85 - 115	2005-04-07
Toluene		mg/Kg	0.100	0.0991	99	85 - 115	2005-04-07
Ethylbenzene		mg/Kg	0.100	0.100	100	85 - 115	2005-04-07
Xylene		mg/Kg	0.300	0.283	94	85 - 115	2005-04-07

Standard (CCV-1) QC Batch: 17230

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0987	99	85 - 115	2005-04-07
Toluene		mg/Kg	0.100	0.0989	99	85 - 115	2005-04-07
Ethylbenzene		mg/Kg	0.100	0.0991	99	85 - 115	2005-04-07
Xylene		mg/Kg	0.300	0.280	93	85 - 115	2005-04-07

Standard (CCV-2) QC Batch: 17230

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0979	98	85 - 115	2005-04-07
Toluene		mg/Kg	0.100	0.103	103	85 - 115	2005-04-07
Ethylbenzene		mg/Kg	0.100	0.0978	98	85 - 115	2005-04-07
Xylene		mg/Kg	0.300	0.277	92	85 - 115	2005-04-07

Standard (ICV-1) QC Batch: 17248

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	0.908	91	85 - 115	2005-04-07

Standard (CCV-1) QC Batch: 17248

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.12	112	85 - 115	2005-04-07

Standard (CCV-2) QC Batch: 17248

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.06	106	85 - 115	2005-04-07

Standard (ICV-1) QC Batch: 17249

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0988	99	85 - 115	2005-04-07
Toluene		mg/Kg	0.100	0.100	100	85 - 115	2005-04-07
Ethylbenzene		mg/Kg	0.100	0.104	104	85 - 115	2005-04-07
Xylene		mg/Kg	0.300	0.307	102	85 - 115	2005-04-07

Standard (CCV-1) QC Batch: 17249

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0995	100	85 - 115	2005-04-07
Toluene		mg/Kg	0.100	0.101	101	85 - 115	2005-04-07
Ethylbenzene		mg/Kg	0.100	0.103	103	85 - 115	2005-04-07
Xylene		mg/Kg	0.300	0.305	102	85 - 115	2005-04-07

Standard (CCV-2) QC Batch: 17249

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.101	101	85 - 115	2005-04-07
Toluene		mg/Kg	0.100	0.102	102	85 - 115	2005-04-07
Ethylbenzene		mg/Kg	0.100	0.105	105	85 - 115	2005-04-07
Xylene		mg/Kg	0.300	0.311	104	85 - 115	2005-04-07

Standard (ICV-1) QC Batch: 17252

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.14	114	85 - 115	2005-04-07

Standard (CCV-1) QC Batch: 17252

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.13	113	85 - 115	2005-04-07

Standard (CCV-2) QC Batch: 17252

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	2005-04-07

Standard (CCV-1) QC Batch: 17280

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0957	96	85 - 115	2005-04-11
Toluene		mg/Kg	0.100	0.0963	96	85 - 115	2005-04-11
Ethylbenzene		mg/Kg	0.100	0.0983	98	85 - 115	2005-04-11
Xylene		mg/Kg	0.300	0.290	97	85 - 115	2005-04-11

Standard (CCV-2) QC Batch: 17280

Param	Flag	Units	CCVs True Conc.	CCVs Found Conc.	CCVs Percent Recovery	Percent Recovery Limits	Date Analyzed
Benzene		mg/Kg	0.100	0.0956	96	85 - 115	2005-04-11
Toluene		mg/Kg	0.100	0.0963	96	85 - 115	2005-04-11
Ethylbenzene		mg/Kg	0.100	0.0977	98	85 - 115	2005-04-11
Xylene		mg/Kg	0.300	0.289	96	85 - 115	2005-04-11

Standard (ICV-1) QC Batch: 17281

Param	Flag	Units	ICVs True Conc.	ICVs Found Conc.	ICVs Percent Recovery	Percent Recovery Limits	Date Analyzed
GRO		mg/L	1.00	1.01	101	85 - 115	2005-04-11

Standard (CCV-1) QC Batch: 17281

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	2005-04-11

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: BBC INTERNATIONAL
Phone #: (505) 397 6388
Address: (Street, City, Zip) 1324 W. MARLAND, HOBBS NM 88240
Fax #: (505) 397 0397
Contact Person: CLIFF BRUNSON
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: CHEVRON Texaco Monument 12
Sampler Signature: Roger Hernandez

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 8015 Mod. GRO/DRO	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			Turn Around Time if different from standard	Hold
59328	SB # 8 - 6"	1	4oz		✓							✓		4.05	8:35		✓	✓																	
329	SB # 8 - 3'	1	4oz		✓							✓		4.05	8:40		✓	✓																	
330	SB # 8 - 5'	1	4oz		✓							✓		4.05	8:47		✓	✓																	
331	SB # 8 - 15'	1	4oz		✓							✓		4.05	9:06		✓	✓																	
332	SB # 8 - 30'	1	4oz		✓							✓		4.05	9:26		✓	✓																	
333	SB # 9 - 6"	1	4oz		✓							✓		4.05	9:46		✓	✓																	
334	SB # 9 - 3'	1	4oz		✓							✓		4.05	9:53		✓	✓																	
335	SB # 9 - 5'	1	4oz		✓							✓		4.05	9:58		✓	✓																	
336	SB # 9 - 15'	1	4oz		✓							✓		4.05	10:11		✓	✓																	
337	SB # 9 - 30'	1	4oz		✓							✓		4.05	10:35		✓	✓																	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	4.06.05	3:30			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Nate Burchett	Date: 4-7-05	Time: 9:30

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 2 °
Log-in Review MA

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

Carrier # TNM10 913339 7934

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: BBC INTERNATIONAL
Phone #: (505) 397 6388
Address: (Street, City, Zip) 1324 D. MARLAND, HOBBS NM 88240
Fax #: (505) 397 0397 e-mail:
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: CHEVRON Texaco Monument 12
Sampler Signature: Roger Hernandez

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
59338	SB = 10 - 6'	1	4 oz		✓							✓		4.05	10:48
339	SB = 10 - 3'	1	4 oz		✓							✓		4.05	10:53
340	SB = 10 - 5'	1	4 oz		✓							✓		4.05	10:58
341	SB = 10 - 15'	1	4 oz		✓							✓		4.05	11:12
342	SB = 10 - 30'	1	4 oz		✓							✓		4.05	11:31
343	SB = 11 - 6"	1	4 oz		✓							✓		4.05	11:49
344	SB = 11 - 3'	1	4 oz		✓							✓		4.05	11:52
345	SB = 11 - 5'	1	4 oz		✓							✓		4.05	11:58
346	SB = 11 - 15'	1	4 oz		✓							✓		4.05	12:13
347	SB = 11 - 30'	1	4 oz		✓							✓		4.05	12:35

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021B/602	BTEX 8021	TPH 8015 Mod Gro/Dro	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				Turn Around Time if different from standard	Hold
	✓	✓																			
	✓	✓																			
	✓	✓																			
	✓	✓																			
	✓	✓																			
	✓	✓																			
	✓	✓																			
	✓	✓																			
	✓	✓																			

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	4.06.05	5:30			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Wade Buckhiew	Date: 4-7-05	Time: 9:30

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LAB USE ONLY

Intact Y / N
Headspace Y / N
Temp 2 °
Log-in Review MA

REMARKS:

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

Carrier # TNM 10 903 339 7934

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Fax (915) 585-4944
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: BBC INTERNATIONAL
Phone #: (505) 397 6388
Address: (Street, City, Zip) 1324 W. MARLAND
Fax #: (505) 397 0397
e-mail:
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: Chevron Texaco Monument 12
Sampler Signature: Roger Hernandez

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 8021	BTEX 8021	TPH 8015 Mod Gro/Dro	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	Turn Around Time if different from standard	Hold
59348	SB # 12 - 6"	1	4 oz		✓							✓		4-05	1:06		✓	✓																
349	SB # 12 - 3'	1	4 oz		✓							✓		4-05	1:14		✓	✓																
350	SB # 12 - 5'	1	4 oz		✓							✓		4-05	2:20		✓	✓																
351	SB # 12 - 15'	1	4 oz		✓							✓		4-05	2:29		✓	✓																
352	SB # 12 - 30'	1	4 oz		✓							✓		4-05	2:36		✓	✓																
353	SP # 5	1	4 oz		✓							✓		4-05	3:00		✓	✓																
354	SP # 6	1	4 oz		✓							✓		4-05	3:04		✓	✓																
355	SP # 7	1	4 oz		✓							✓		4-05	3:07		✓	✓																
356	SP # 1	1	4 oz		✓							✓		4-05	3:15		✓	✓																
357	SP # 2	1	4 oz		✓							✓		4-05	3:20		✓	✓																

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	4-06-05	3:30			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Wade Burleson	Date: 4-7-05	Time: 9:30

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 2 °
Log-in Review MK

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

Carrier # TN11740 903 339 7921

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: BRC International
Phone #: (505) 3976788
Address: (Street, City, Zip)
Fax #: (505 5970397
e-mail:
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: Chevron Texaco Monument 12
Sampler Signature: Rogue Hernandez

ANALYSIS REQUEST (Circle or Specify Method No.)

LAB # (LAB USE ONLY)	FIELD CODE	# CONTAINERS	Volume/Amount	WATER	SOIL	AIR	SLUDGE	HCl	HNO_3	H_2SO_4	NaOH	ICE	NONE	DATE	TIME	MTBE 8021B/602	BTEX 8021B	TPH 8015 Mod Gro/Dro	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	Turn Around Time if different from standard	Hold
59358	SP # 3	1	4 oz		✓							✓		4-05	3:25		✓	✓																
359	SP # 4	1	4 oz		✓							✓		4-05	3:35		✓	✓																
360	SPoILS South	1	4 oz		✓							✓		4-05	3:40		✓	✓																
361	SPoILS North-1	1	4 oz		✓							✓		4-05	3:45		✓	✓																
362	SPoILS North-2	1	4 oz		✓							✓		4-05	3:50		✓	✓																

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
R H	4-6-05	3:25			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by:	Date:	Time:
			Wade Buckley	4-7-05	9:30

LAB USE ONLY
Intact Y / N (Y)
Headspace Y / N
Temp 2 °
Log-in Review AM

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

Carrier # INMAO 903339 79341

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Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: BBC INTERNATIONAL
Phone #: (505) 397 6388
Address: (Street, City, Zip) 1324 W. MARLAND, HOBBS NM 88240
Fax #: (505) 397 0397
e-mail:
Contact Person: CLIFF BRUNSON
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: CHEVRON Texaco Monument 12
Sampler Signature: Roger Hernandez

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	ANALYSIS REQUEST: MTBE 8021B/602	BTEX 8021 [redacted]	TPH [redacted] 8015 Mod. GRO/DRO	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			Turn Around Time if different from standard	Hold
59328	SB # 8 - 6"	1	4oz		/							/		4.05	8:35		✓	✓																	
329	SB # 8 - 3'	1	4oz		/							/		4.05	8:40		✓	✓																	
330	SB # 8 - 5'	1	4oz		/							/		4.05	8:47		✓	✓																	
331	SB # 8 - 15'	1	4oz		/							/		4.05	9:06		✓	✓																	
332	SB # 8 - 30'	1	4oz		/							/		4.05	9:26		✓	✓																	
333	SB # 9 - 6"	1	4oz		/							/		4.05	9:46		✓	✓																	
334	SB # 9 - 3'	1	4oz		/							/		4.05	9:53		✓	✓																	
335	SB # 9 - 5'	1	4oz		/							/		4.05	9:58		✓	✓																	
336	SB # 9 - 15'	1	4oz		/							/		4.05	10:11		✓	✓																	
337	SB # 9 - 30'	1	4oz		/							/		4.05	10:35		✓	✓																	

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	4.06.05	3:30			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Wade Buckle	Date: 4-7-05	Time: 9:30

LAB USE ONLY
Intact (Y) / N
Headspace Y / N
Temp 2 °
Log-in Review MA

REMARKS:

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

Carrier # INMAO 913397934

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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 # 5040713

Company Name: BBC INTERNATIONAL
Phone #: (505) 397 6388
Address: (Street, City, Zip) 1324 D. MARLAND, HOBBS NM 88240
Fax #:
e-mail: (505) 397 0397
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument
Project Location: CHEVRON Texaco Monument #2
Sampler Signature: Roger Hernandez

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
59338	SB# 10 - 6"	1	4 oz		✓							✓		4.05	10:48
339	SB# 10 - 3'	1	4 oz		✓							✓		4.05	10:53
340	SB# 10 - 5'	1	4 oz		✓							✓		4.05	10:58
341	SB# 10 - 15'	1	4 oz		✓							✓		4.05	11:12
342	SB# 10 - 30'	1	4 oz		✓							✓		4.05	11:31
343	SB# 11 - 6"	1	4 oz		✓							✓		4.05	11:49
344	SB# 11 - 3'	1	4 oz		✓							✓		4.05	11:52
345	SB# 11 - 5'	1	4 oz		✓							✓		4.05	11:58
346	SB# 11 - 15'	1	4 oz		✓							✓		4.05	12:13
347	SB# 11 - 30'	1	4 oz		✓							✓		4.05	12:35

ANALYSIS REQUEST columns: MTBE 8021B/602; BTEX 8021 [redacted]; TPH [redacted] 8015 Mod Gro/Dro; 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; 900, TSS, pH; Moisture Content; Turn Around Time if different from standard; Hold

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Roger Hernandez	4.06.05	3:30			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: Wade Buckhaus	Date: 4-7-05	Time: 9:30

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 2 °
Log-in Review MA

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

Carrier # TNM & O 903 339 7934

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1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: BBC INTERNATIONAL
Phone #: (505) 397 6388
Address: (Street, City, Zip) 1324 W. MARLAND
Fax #: (505) 397 0397
e-mail:
Contact Person: Cliff Brunson
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: Chevron Texaco Monument 12
Sampler Signature: Roger Hernandez

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
59348	SB # 12 - 6"	1	4 oz		✓							✓		4.05	1:06
349	SB # 12 - 3'	1	4 oz		✓							✓		4.05	1:14
350	SB # 12 - 5'	1	4 oz		✓							✓		4.05	1:20
351	SB # 12 - 15'	1	4 oz		✓							✓		4.05	1:29
352	SB # 12 - 30'	1	4 oz		✓							✓		4.05	1:46
353	SP # 5	1	4 oz		✓							✓		4.05	3:00
354	SP # 6	1	4 oz		✓							✓		4.05	3:04
355	SP # 7	1	4 oz		✓							✓		4.05	3:07
356	SP # 1	1	4 oz		✓							✓		4.05	3:15
357	SP # 2	1	4 oz		✓							✓		4.05	3:20

ANALYSIS REQUEST (Circle or Specify Method No.)

MTBE 8021	BTEX 8021	TPH 8015 Mod GRO/DRO	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				Turn Around Time if different from standard	Hold
	✓	✓																			

Relinquished by: Roger Hernandez Date: 4.06.05 Time: 3:30
Received by: Date: Time:

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

Relinquished by: Date: Time:
Received at Laboratory by: Wesley Buchanan Date: 4-7-05 Time: 9:30

LAB USE ONLY

Intact (Y) / N
Headspace Y / N
Temp 2 °
Log-in Review MA

REMARKS:

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

Carrier # TNM240 903 339 7941

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Tel (915) 585-3443
Fax (915) 585-4944
1 (888) 588-3443

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

LAB Order ID # 5040713

Company Name: ERC Interwatrol
Phone #: (505) 3976788
Address: (Street, City, Zip)
Fax #:
e-mail: (505 3970397
Contact Person: Cliff Beaman
Invoice to: (If different from above)
Project #:
Project Name: Chevron Texaco Monument 12
Project Location: Chevron Texaco Monument 12
Sampler Signature: Roger Beaman

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 [redacted] 8015 Mod Gas/Dies	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				Turn Around Time if different from standard	Hold
59358	SP # 3	1	4oz		✓							✓		4-05	3:25		✓	✓																		
359	SP # 4	1	4oz		✓							✓		4-05	3:35		✓	✓																		
360	SPOILS South	1	4oz		✓							✓		4-05	3:40		✓	✓																		
361	SPOILS North #1	1	4oz		✓							✓		4-05	3:45		✓	✓																		
362	SPOILS North #2	1	4oz		✓							✓		4-05	3:50		✓	✓																		

Relinquished by:	Date:	Time:	Received by:	Date:	Time:
[signature]	4/6/05	3:35			
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received at Laboratory by: [signature]	Date: 4-7-05	Time: 9:30

LAB USE ONLY
Intact Y / N
Headspace Y / N
Temp 2 °
Log-in Review MT

REMARKS:

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

Carrier # TNM20 903339 79341

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ARDINAL LABORATORIES

PHONE (325) 673-7001 • 2111 BEECHWOOD • ABILENE, TX 79603
PHONE (505) 393-2326 • 101 E. MARLAND • HOBBS, NM 88240

ANALYTICAL RESULTS FOR
BBC INTERNATIONAL, INC.
ATTN: CLIFF BRUNSON
P.O. BOX 805
HOBBS, NM 88241
FAX TO: (505) 397-0397

Receiving Date: 07/07/05
Reporting Date: 07/08/05
Project Owner: PLAINS PIPELINE
Project Name: CHEVRON TEXACO MONUMENT 12 BATTERY
Project Location: MONUMENT, NM

Sampling Date: 07/07/05
Sample Type: SOIL
Sample Condition: COOL & INTACT
Sample Received By: NF
Analyzed By: BC

LAB NUMBER	SAMPLE ID	GRO (C_6-C_{10}) (mg/Kg)	DRO (>C_{10}-C_{28}) (mg/Kg)	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)
ANALYSIS DATE:		07/08/05	07/08/05	07/07/05	07/07/05	07/07/05	07/07/05
H9930-1	SP-8	<10.0	147	<0.005	<0.005	<0.005	<0.015
H9930-2	SP-9	<10.0	136	<0.005	<0.005	<0.005	<0.015
H9930-3	SP-10	<10.0	255	<0.005	<0.005	<0.005	<0.015
Quality Control		827	854	0.091	0.090	0.090	0.273
True Value QC		800	800	0.100	0.100	0.100	0.300
% Recovery		103	107	90.6	90.2	89.5	91.1
Relative Percent Difference		2.7	8.9	0.6	0.3	8.4	11.2

METHODS: TPH GRO & DRO - EPA SW-846 8015 M; BTEX - SW-846 8260.

Burgess J. A. Cooke, Ph. D.

7/8/05
Date

H9930.XLS

CARDINAL LABORATORIES, INC.

2111 Beechwood, Abilene, TX 79603 (915) 673-7001 Fax (915) 673-7020
101 East Marland, Hobbs, NM 88240 (505) 393-2326 Fax (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: RBC International Inc	BILL TO
Project Manager: C. Brunson	P.O. #:
Address: 1324 W. Marland	Company:
City: Hobbs State: NM Zip: 88240	Attn:
Phone #: (505) 397-6388 Fax #: (505) 397-0397	Address:
Project #: — Project Owner: Plains Pipeline	City:
Project Name: Chevron Texaco Monument 12 Battery	State: Zip:
Project Location: Monument N. M.	Phone #:
Sampler Name: Cliff Brunson	Fax #:

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH 8015m	BTEX
H9930-1	SP-8	G	1			✓					✓		7-1-05	4:08 pm	✓	✓
-2	SP-9	G	1			✓					✓		7-1-05	4:11 pm	✓	✓
-3	SP-10	G	1			✓					✓		7-1-05	4:22 pm	✓	✓

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Terms and Conditions: Interest will be charged on all accounts more than 30 days past due at the rate of 24% per annum from the original date of invoice, and all costs of collection, including attorney's fees.

Sampler Relinquished: Cliff Brunson	Date: 7-7-05 Time: 4:50pm	Received By: Amy Hill	Phone Result: ☐ Yes ☐ No Add'l Phone #:
Relinquished By: Amy Hill	Date: 7/7/05 Time: 5:01 pm	Received By: (Lab Staff)	Fax Result: ☐ Yes ☐ No Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool: Yes ☐ No ☐ Intact: Yes ☐ No ☐	CHECKED BY: (Initials)	REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476.

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company: Plains Marketing, L. P.	Contact: Wayne E. Roberts
Address: 3514 Lovington Highway, NM 88240	Telephone No.: (432) 682-5392
Facility Name: Monument 12 State Battery	Facility Type: Truck Loading (LACT Unit) Battery

Surface Owner: New Mexico	Mineral Owner: New Mexico (State land; Chevron Texaco-Producer)	Lease No. 902967

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	12	19-S	36-E					Lea

Latitude N32° 41.235' Longitude W103° 18.103'

NATURE OF RELEASE

Type of Release: Crude Oil	Volume of Release 98 Bbls.	Volume Recovered: 25 Bbls
Source of Release: Truck/LACT; Truck overfilled.	Date and Hour of Occurrence **0600 09May04**	Date and Hour of Discovery **0730 09May04**
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Emergency On Call Beeper; Paul Sheely & Larry Johnson via voice mail.	
By Whom? Wayne E. Roberts	Date and Hour: Pager @ 0730; cell phone @ 0930; Gary Wink	
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. * Driver error--driver overfilled truck when picking up load from LACT Battery. All free oil was picked up immediately by vacuum truck and returned to Chevron Texaco tankage. Unsaturated contaminated soil was hauled to DD Land Farm, Inc., NM Permit # 01-0034. Further delineation is required to properly determine vertical and horizontal extent of contamination.

Describe Area Affected and Cleanup Action Taken. * Irregular oval area approximately 40' X 75' at truck pad; 70'–100' path of oil ran east down gradient towards lease road and around storage building and electrical panels. Contaminated soil will be excavated to maximum penetration depth and horizontal extent. Upon verification of penetration depth and clean removal of contaminated soil to background, clean caliche road base will be laid to grade and surface restored. NMOCD must witness all excavation and approve site conditions and remediation plans before completion. Water depth is <50', TPH levels must be 100 ppm or less. Allstate Environmental will complete proper delineation on 5/11/2004.

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

Signature: (Faxed to 505-393-0270)	OIL CONSERVATION DIVISION		
Printed Name: Wayne E. Roberts	Approved by District Supervisor:		
Title: Director of Environmental and Regulatory Compliance	Approval Date:	Expiration Date:	
E-mail Address: weroberts@paalp.com	Conditions of Approval:		Attached ☐
Date: 05/10/2004 Phone: (432) 682-5392			

* Attach Additional Sheets If Necessary