

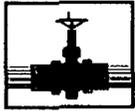
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REPORTS

DATE:

08/23/2006

120457



**PLAINS
Marketing, L. P.**

August 23, 2006

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

Re: Plains Marketing, L. P. Preliminary Site Investigation Report and
Remediation Plan (Revised)
Frisco-Skelly # 1
Unit Letter P of Section 36, Township 16 South, Range 36 East
Lea County, New Mexico

Dear Mr. Stone:

Please find attached the finalized version of the Preliminary Site Investigation Report and Remediation Plan (Revised), dated May 16, 2006, for the Frisco-Skelly #1 release site located in Section 36 of Township 16 South, and Range 36 East of Lea County, New Mexico. A draft copy of this plan was electronically submitted to your office and verbally approved by Mr. Ed Martin who forwarded the draft plan to Mr. Patrick McMahon. Mr. McMahon approved the plan on August 17, 2006 (see attached email).

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

Sincerely,

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

CC: Mr. Patrick McMahon, 311 N. First, Lovington, NM
City of Lovington, 214 S. Love, Lovington, NM
Mr. Larry Johnson, NMOCD Hobbs Office

Enclosure

1R0457

Basin Environmental Service Technologies, LLC

P. O. Box 301
Lovington, New Mexico 88260
kdutton@basinenv.com
Office: (505) 396-2378 Fax: (505) 396-1429



**PRELIMINARY SITE INVESTIGATION REPORT
and
REMEDIATION PLAN
(REVISED)**

**PLAINS MARKETING, L.P. (231735)
Frisco-Skelly # 1 Site
Lea County, New Mexico
Plains EMS # 2004-00196**

**UNIT P (SE/SE), Section 36, Township 16 South, Range 36 East
Latitude 32°, 52', 20.0" North, Longitude 103°, 18', 12.2" West**

Prepared For:

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

Prepared By:

Basin Environmental Service Technologies, LLC
P. O. Box 301
Lovington, New Mexico 88260

16 May 2006


Ken Dutton

Basin Environmental Service Technologies, LLC

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INTRODUCTION

Basin Environmental Service Technologies, LLC (Basin), responded to a pipeline release for Plains Marketing, L.P. (Plains), located on the Frisco Skelly 4-inch Gathering Pipeline on 20 September 2004. The Frisco Skelly 4-inch Gathering Pipeline was clamped and the impacted soils were excavated and stockpiled on a 6-mil poly liner.

This site is located in Unit P (SE/SE), Section 36, Township 16 South, Range 36 East, in Lea County, New Mexico (topographic Site Location Map is attached as Figure 1). The latitude is 32°, 52', 20.0" North, and longitude is 103°, 18', 12.2" West. The site is characterized by a right-of-way for the pipeline in a pasture. The visually stained area includes the release point covering an area approximately 42 feet long by 44 feet wide. Approximately 25 barrels of crude oil were released from the Plains pipeline and 0 barrels were recovered.

An Emergency One-Call was initiated 20 September 2004 and all responding companies either cleared or marked their respective lines. Subsequent renewals of the one-call were accomplished as required.

Mr. Larry Johnson, New Mexico Oil Conservation Division (NMOCD), Hobbs, New Mexico District 1 was verbally notified of the release on 20 September 2004. The City of Lovington, New Mexico, is the landowner and was notified on 20 September 2004. In accordance with the City of Lovington Ordinance # 449, a permit application was submitted 23 September 2004.

SUMMARY OF FIELD ACTIVITIES

On 20 September 2004, Basin arrived at the Frisco Skelly 4" Gathering pipeline release to repair and contain the crude oil pipeline release under the direction of Plains operations personnel. After the release had been contained utilizing a pipeline repair clamp, excavation of the impacted soil was initiated. The impacted soil was placed on a 6-mil poly liner adjacent to the release. The initial visually stained area was approximately 42 feet long by 44 feet wide.

On 21 September 2004, Basin began extended excavation at the release point area to a depth of 14 feet below ground surface (bgs) attempting to delineate the vertical and horizontal extent of crude oil impacted soil at the release point (see Site Map, Figure 2). Photoionization Detector (PID) readings indicate elevated concentrations of Volatile Organic Compounds (VOC) remain in place. Further excavation of the site continued based on elevated PID readings to a depth of approximately 15 feet bgs. The Frisco Skelly 4" Gathering pipeline was de-oiled by Plains and rendered inactive in October 2004. Due to pipeline integrity and safety concerns, a Pure Resource high-pressure saltwater injection pipeline (1600-psi) was relocated to the south of the excavation and is adjacent to the south bench wall. A Pure Resources 2-inch flow-

line was also re-routed to the south of the excavation to allow benching requirements be met. A 10-inch Navajo high-pressure (300-psi) gas line remains in place adjacent to the east bench wall of the excavation (see Digital Photo of Site, Pipeline Locations, Figure 5). Excavation of the site continued through January 2005 and approximately 14,566 cubic yards have been stockpiled on-site. The final dimensions of the excavation site are approximately 190 feet wide by 280 feet long and ranges in depth from approximately 18 to 20 feet bgs.

On 01 November 2004, Basin installed a soil boring, utilizing Straub Corporation, Stanton, Texas, at the release point in order to determine the vertical extent of crude oil impacted soil (see Soil Boring/Monitor Well Locations, Figure 3). The soil boring was installed to a depth of 55 feet bgs (soil boring logs are attached as Appendix C) and soil samples were collected at 5-foot intervals. Each sample was screened in the field with a PID, which was calibrated on 01 November 2004. The selected soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), and total petroleum hydrocarbons – gasoline range organics/diesel range organics (TPH-GRO/DRO).

Basin researched and obtained the City of Lovington water well location data from the New Mexico Environmental Department, New Mexico Drinking Water Bureau annual drinking water report, conducted in October 2004. The physical locations and recorded depth to groundwater of the water wells were plotted on a topographical map utilizing global positioning system (gps) obtained from the New Mexico Drinking Water Bureau report depicting the Frisco Skelly release site and the City of Lovington water well locations (see City of Lovington Water Well Locations, Figure 6).

On 20 January 2005, Plains personnel met with Mr. Pat McMahon, legal counsel for the City of Lovington and Mr. Eddie Seay, Environmental Consultant for the City of Lovington, at Mr. McMahon's office. Plains proposed several remediation scenarios to the City of Lovington representatives. Mr. McMahon and Mr. Seay stated that they would consider the proposals; however, the City of Lovington board would be the final approval authority.

On 24 January 2006, Plains personnel met with Mr. Pat McMahon, legal counsel for the City of Lovington, Mr. Eddie Seay, Environmental Consultant for the City of Lovington and Mr. Ed Martin, NMOCD Santa Fe, at Mr. McMahon's office. Mr. McMahon and Mr. Seay expressed concerns that the Frisco Skelly site had not been thoroughly vertically nor horizontally delineated and asked that Plains initiate a subsurface investigation to delineate the site. Plains personnel agreed to the horizontal and vertical delineation request and stated that a delineation work plan would be composed and delivered to Mr. McMahon within two (2) weeks for approval by the City of Lovington. The Plains Preliminary Site Investigation Report and Delineation Plan, dated 02 February 2006, was delivered to Mr. McMahon's office by Plains and Basin personnel on 06 February 2006. Plains received verbal approval from Mr. McMahon on 27 March 2006 to initiate the horizontal and vertical subsurface delineation as proposed in the Plains 02 February 2006 plan.

On 30 and 31 March 2006, additional subsurface horizontal and vertical delineation was initiated with the installation of four (4) soil borings installed at the northwest, northeast, southwest and southeast corners of the excavation floor (18 to 20 feet bgs, respectively) ranging in depth from 43 to 45 feet bgs. Soil samples were collected at 5 feet intervals; field screened with a PID and the selected soil samples were analyzed for BTEX and TPH-GRO/DRO. As requested by Mr. Eddie Seay, split soil samples were collected from the soil boring and monitor well installations and supplied to Mr. Seay. Four (4) soil samples from each soil boring (SB-2, SB-3, SB-4, SB-5) were selected for analysis resulting in a total of sixteen (16) soil samples analyzed. Laboratory results indicated that constituent concentrations of BTEX were either below NMOCD regulatory standards or not detected above laboratory method detection limits on the sixteen (16) soil samples. Laboratory results indicated that TPH-GRO/DRO concentrations exceed NMOCD regulatory standards for six (6) soil samples and the remaining ten (10) soil samples were either below NMOCD regulatory standards or were not detected above laboratory method detection limits.

On 03 and 04 April 2006, subsurface horizontal and vertical delineation continued, based on the visual observations and PID field screenings on the soil samples collected from the previously installed four (4) soil borings. Six (6) soil borings were installed on the benched area adjacent to the excavation floor at the northwest, northeast, southwest, southeast and south bench locations at depths ranging from 40 to 46 feet bgs. Soil samples were collected at 5 feet intervals and field screened with a PID. Selected soil samples were analyzed for concentrations of BTEX and TPH-GRO/DRO. Five (5) soil samples from SB-6 through SB-10 and seven (7) soil samples from SB-11 were selected for analysis resulting in a total of 32 total soil samples analyzed. Laboratory results indicated that constituent concentrations of BTEX were either below NMOCD regulatory standards or not detected above laboratory method detection limits on the 32 soil samples. Laboratory results indicated that TPH-GRO/DRO concentrations exceeded NMOCD regulatory standards on two (2) soil samples and were either below NMOCD regulatory standards or not detected above laboratory method detection limits on the remaining 30 soil samples.

On 04 and 06 April 2006, three (3) groundwater monitoring wells were installed consisting of one (1) up gradient and two (2) down gradient of the Frisco Skelly release site to evaluate the groundwater. Soil samples were collected at 5 feet intervals and field screened with a PID. Selected soil samples were analyzed for concentrations of BTEX and TPH-GRO/DRO. Eleven (11) soil samples were selected for analysis from the three (3) groundwater monitoring well installations ranging in depth from 5 to 90 feet bgs, resulting in a total of 33 soil samples analyzed. Laboratory results of the 33 soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

On 19 and 20 April 2006, the three (3) groundwater monitoring wells were developed, purged and sampled. The groundwater samples were analyzed for constituent

concentrations of BTEX. Laboratory results of the three (3) groundwater monitoring wells indicated that constituent concentrations of BTEX were not detected above laboratory method detection limits.

NEW MEXICO OIL CONSERVATION DIVISION (NMOCD) SOIL CLASSIFICATION

A search of the New Mexico State Engineers (NMSEO) database in December 2004, revealed water depth information for Section 36, Township 18 South and Range 36 East, averaged 116 feet bgs; however, research of the City of Lovington water wells (January 2005) indicates that Water Well # 13, located approximately 3500 feet northwest, has a depth to groundwater of 90 feet bgs.

During the January 2006 meeting, Mr. McMahon, City of Lovington Attorney, produced a NMSEO database document indicating the average depth to water was 60 feet bgs for Section 36, Township 18 South and Range 36 East. Based on the extensive drilling activities and visual observations conducted at the Frisco Skelly release site, the NMSEO average depth to water of 60 feet bgs is not accurate. Groundwater was encountered at approximately 96 to 97 feet bgs with a static groundwater level of approximately 85 to 86 feet bgs, as measured during the groundwater sampling event, 20 April 2006.

Based on the soil boring (SB-1) analytical results, the maximum depth of impacted soil was approximately 40 feet bgs. Therefore, approximately 40 to 45 feet of non-impacted soil remains between the last known impacted soil depth and groundwater. There are no surface water bodies or water wells within 1000 feet of the release site. Based on this data, the site has an NMOCD Ranking Score of >19, which sets the remediation levels at:

Benzene:	10 ppm
BTEX:	50 ppm
TPH:	100 ppm

DISTRIBUTION OF HYDROCARBONS IN THE UNSATURATED ZONE

The final dimensions of the Frisco Skelly excavation site are approximately 190 feet wide by 280 feet long and ranges in depth from approximately 18 to 20 feet bgs. Analytical results, PID readings and visual observations indicated elevated concentrations of VOC's remain in place. Analytical results from the horizontal and vertical delineation soil borings installed on the excavation floor and benched areas (SB-1 through SB-11) indicated that limited impacted soil exists at subsurface depths ranging from approximately 21 to 40 feet bgs in an area approximately 105 long by 75 feet wide. Approximately 14,566 cubic yards of soil has been excavated and segregated clean overburden and impacted soils are stockpiled on-site.

On 11 November 2004, four (4) confirmation soil samples were collected from the walls of the excavation and submitted for analysis. Laboratory results indicated the south wall soil sample was below NMOCD regulatory standards for constituent concentrations of BTEX and the remaining three (3) soil samples were not detected above laboratory method detection limits. Laboratory results of the four (4) soil samples indicated that TPH-GRO/DRO concentrations were not detected above the laboratory method detection limits, with the exception of the east and west wall soil samples, which indicated detectable TPH-GRO/DRO concentrations, but were below NMOCD regulatory standards.

On 01 November 2004, 30 and 31 March 2006, 03, 04 and 06 April 2006, an air rotary drill rig, operated by Straub Corporation, Stanton, Texas, was utilized to delineate the vertical extent of crude oil impacted soil at the release point (see Figure 3). Soil samples were collected in the subsurface from the soil boring at 5 feet intervals and field screened with a PID. Selected soil samples were analyzed for constituent concentrations of BTEX and TPH-GRO/DRO. Laboratory data sheets and chain-of-custody forms are attached (Appendix B). No visual observations of free phase hydrocarbons were encountered during the installation of the soil boring (as depicted on Appendix C) or excavation of the site.

Soil Boring 1, as depicted on the Soil Boring/Monitor Well Locations Site Map (Figure 3), was installed at the excavation floor release point, which was 15 feet bgs. The soil boring was installed to a total subsurface depth of 55 feet bgs. Analytical results indicated that constituent concentrations of BTEX were below NMOCD regulatory standards at 5, 10, 15, 20, and 25 feet bgs and were not detected above the laboratory method detection limits at 30, 35 and 40 feet bgs soil samples. Analytical results indicated that TPH concentrations exceeded NMOCD regulatory standards at 5, 10, 15, 20, and 25 feet bgs with TPH concentrations of 5100 mg/kg, 5540 mg/kg, 6700 mg/kg, 3068 mg/kg, and 2610 mg/kg, respectively. Analytical results indicated that TPH concentrations were below NMOCD regulatory standards at 30, 35 and 40 feet bgs with TPH concentrations of 78.1 mg/kg, 10.1 mg/kg and 16.9 mg/kg, respectively.

On 31 March 2006, Soil Boring 2 was installed at the southeast corner of the excavation floor at approximately 20 feet bgs. Laboratory results indicated that constituent concentrations of BTEX were below NMOCD regulatory standards for the 5 and 10 feet bgs soil samples and not detected above laboratory method detection limits for the 15 and 25 feet bgs soil samples. Laboratory results indicated that TPH-GRO/DRO concentrations exceeded NMOCD regulatory standards for the 5 and 10 feet bgs soil samples at 155 mg/kg and 1650 mg/kg, respectively. Laboratory results indicated that TPH-GRO/DRO concentrations were below NMOCD regulatory standards for the 15 feet bgs soil sample and not detected above laboratory method detection limits for the 25 feet bgs soil sample.

Soil Boring 3 was installed at the southwest corner of the excavation floor at approximately 20 feet bgs. Laboratory results indicated that constituent concentrations of BTEX were below NMOCD regulatory standards for the 5 feet bgs soil sample and not detected above laboratory method detection limits for the 10, 15, and 25 feet soil samples. Laboratory results indicated that TPH-GRO/DRO concentrations exceeded NMOCD regulatory standards for the 5 feet bgs soil sample at 3530 mg/kg, were below NMOCD regulatory standards for the 10 and 15 feet bgs soil samples and was not detected above laboratory method detection limits for TPH-GRO/DRO concentrations for the 25 feet bgs soil sample.

Soil Boring 4 was installed at the northwest corner of the excavation floor at approximately 18 feet bgs. Laboratory results indicated that constituent concentrations of BTEX were below NMOCD regulatory standards for the 5 and 10 feet bgs soil samples and were not detected above laboratory method detection limits for the 15 and 25 feet bgs soil samples. Laboratory results indicated that TPH-GRO/DRO concentrations exceeded NMOCD regulatory standards for the 5 and 10 feet bgs soil samples at 345 mg/kg and 3710 mg/kg, respectively. Laboratory results indicated the 15 feet bgs soil sample was below NMOCD regulatory standards and the 25 feet bgs soil sample was not detected above laboratory method detection limits.

Soil Boring 5 was installed at the northeast corner of the excavation floor at approximately 20 feet bgs. Laboratory results indicated that constituent concentrations of BTEX were not detected above laboratory method detection limits for the 5, 15 and 25 feet bgs soil samples and below NMOCD regulatory standards for the 10 feet bgs soil sample. Laboratory results indicated that TPH-GRO/DRO concentrations for the 10 feet bgs soil sample exceeded NMOCD regulatory standards at 304 mg/kg. Laboratory results indicated that TPH-GRO/DRO concentrations were below NMOCD regulatory standards for the 5 feet bgs soil sample and not detected above laboratory method detection limits for the 15 and 25 feet bgs soil samples.

Soil Boring 6 was installed at the northwest benched position (up gradient), approximately 25 feet northwest from SB-4, at approximately 10 feet bgs. Laboratory results indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits, with the exception of the 30 feet bgs soil sample, which indicated BTEX concentrations, but were below NMOCD regulatory standards.

Soil Boring 7 was installed at the northeast benched position (up gradient), approximately 20 feet northeast from SB-5, at approximately 10 feet bgs. Laboratory results of the five (5) soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

Soil Boring 8 was installed at the east benched position (cross gradient), approximately 20 feet from SB-2, at approximately 10 feet bgs. Laboratory results of

the five (5) soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

Soil Boring 9 was installed at the southwest benched position (cross gradient), approximately 25 feet from SB-3, at approximately 10 feet bgs. Laboratory results of the five (5) soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

Soil Boring 10 was installed at the south benched position (down gradient), approximately 30 feet from SB-3, at approximately 6 feet bgs. Laboratory results of the five (5) selected soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

Soil Boring 11 was installed at the south benched position (down gradient), approximately 20 feet from SB-2, at approximately 6 feet bgs. Laboratory results of the seven (7) selected soil samples indicated that constituent concentrations of BTEX were not detected above laboratory methods detection limits. Laboratory results indicated that TPH-GRO/DRO concentrations exceeded NMOCD regulatory standards for the 15 and 20 feet bgs soil samples at 1780 mg/kg and 1350 mg/kg, respectively. Laboratory results indicated that TPH-GRO/DRO concentrations were below NMOCD regulatory standards for the 30 feet bgs soil sample and not detected above laboratory method detection limits for the 5, 10, 25, and 40 feet bgs soil samples.

Groundwater Monitoring Well 1 (MW-1) was installed at an up gradient position to the release point. Laboratory results of the eleven (11) selected soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

Groundwater Monitoring Well 2 (MW-2) was installed at a down gradient position to the release point. Laboratory results of the eleven (11) selected soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

Groundwater Monitoring Well 3 (MW-3) was installed at a down gradient position to the release point. Laboratory results of the eleven (11) selected soil samples indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits.

DISTRIBUTION OF HYDROCARBONS IN THE SATURATED ZONE

Groundwater was encountered at depths varying from 96 to 97 feet bgs in the groundwater monitoring wells during drilling activities. No evidence of phase-separated hydrocarbons (PSH) was detected during drilling or groundwater sampling activities. Top-of-casing elevations for the on-site groundwater monitoring wells were

not available at the time of this preliminary report; therefore, site-specific groundwater gradient information is not included.

On 19 and 20 April 2006, the three (3) groundwater monitoring wells were developed, purged and sampled. The groundwater samples were analyzed for constituent concentrations of BTEX. Laboratory results of the three (3) groundwater monitoring wells groundwater samples indicated constituent concentrations of BTEX were not detected above laboratory method detection limits. (see Groundwater Chemistry, Table 3).

RECOMMENDATIONS FOR REMEDIATION

Based on the results of the extensive horizontal and vertical soil boring investigation and installation of the three (3) groundwater monitoring wells, it appears that soil impacts are present down to approximately 40 feet bgs and static groundwater is present at approximately 85 to 86 feet bgs. Approximately 14,566 cubic yards of impacted soil and segregated clean overburden has been removed and the remaining portion of the soil impacts appears to be limited in extent. Since the majority of the source material has been removed and there is approximately 40 to 45 feet of non-impacted soil between the top of the groundwater and the lower most soil impacts, this site is a prime candidate for installation of an impermeable barrier to inhibit vertical migration of the limited extent of contaminants and allow natural attenuation of the contaminants left in place. Plains has worked with the NMOCD and conducted several closures similar to this site in Lea County.

Based on the limited vertical extent of crude oil impact as documented with analytical results from the excavation and drilling activities, Plains recommends that an impermeable barrier consisting of a 40-mil poly liner be permanently installed at the base of the excavation to inhibit vertical migration of contaminants in soil left in place below the cap (see Figure 7, Installation Diagram of 40-mil Poly Liner). The remaining benched area will be excavated to the excavation floor at a depth of approximately 18-20 feet bgs to allow a sufficient buffer zone around the limited impacted area (see Figure 4, Proposed Excavation of Benched Area). The barrier will extend to a minimum of five (5) feet beyond the edges of soil impacted above NMOCD remedial thresholds. A 1-foot layer of fine sand will be installed beneath and above the 40-mil poly liner to prevent damage to the integrity of the poly liner during installation and backfilling. Installation of the 40-mil poly liner at a depth of 18 to 20 feet bgs will protect the barrier from erosion and human intrusion for a term sufficient to allow natural biodegrading of contaminates in the soil.

The Frisco Skelly release site is located in an area containing numerous oil field production facilities including crude oil pipelines, natural gas pipelines, crude oil flow-lines, production wells, injection wells and a high volume refinery. Based on the location of the Frisco Skelly release site and surrounding oil production facilities, Plains also recommends that the segregated clean overburden and impacted soils on-site be blended and utilized as backfill with a TPH-GRO/DRO concentration of 1000 mg/kg. Treatment/blending confirmation soil samples will be collected at a rate

of one sample per 500 cubic yards to verify constituent concentrations of BTEX and TPH-GRO/DRO are below 1000 mg/kg. Once the installation of the 40-mil poly liner is completed, backfilling of the excavation will be initiated with the blended soil on-site. The backfilled excavation will be contoured to the original grade surrounding the site and reseeded with approved grass seed.

Laboratory results from the initial groundwater sampling event indicated that constituent concentrations of BTEX were below laboratory method detection limits for the three (3) groundwater monitoring wells. Based on the laboratory results, Plains will continue to evaluate the groundwater on a quarterly basis as prescribed by NMOCD guidelines for four consecutive quarters. At the conclusion of four consecutive quarters of groundwater sampling documenting the groundwater monitoring wells exhibit no contaminants above NMOCD guidelines, Plains will request permission to plug and abandon the monitoring wells.

A request for closure will be submitted to the NMOCD upon completion of backfilling activities. Based on the results of the soil excavation and site investigation activities conducted to date, Plains requests approval from NMOCD and the City of Lovington to implement these proposed final remediation and site closure activities.

QA/QC PROCEDURES

Soil Sampling

Soil samples will be delivered to Environmental Lab of Texas, Inc. in Odessa, Texas for BTEX, TPH analyses using the methods described below. Soil samples will be analyzed for BTEX, TPH-GRO/DRO within fourteen days following the collection date.

The soil samples will be analyzed as follows:

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

Groundwater Sampling

The groundwater monitoring wells were developed utilizing the Environmental Protection Agency (EPA) protocol of approximately nine well volumes of groundwater or until the monitoring wells are dry using an electrical Grundfos Pump. Within forty-eight hours of development, the monitoring wells will be measured and purged of approximately three well volumes utilizing an electrical Grundfos Pump. Groundwater samples will be collected using a disposable Telfon sampler and the groundwater samples will be stored in clean, glass containers provided by the laboratory and placed on ice in the field. Purge water will be collected in a polystyrene tank and disposed of at a licensed New Mexico disposal facility.

Groundwater samples will be delivered to Environmental Lab of Texas, Odessa, Texas for analysis of BTEX concentrations using the method described below. All samples will be analyzed within approved holding times following the collection date.

- BTEX concentrations in accordance with EPA Method 8021B/5030

Decontamination Of Equipment

Cleaning of the sampling equipment will be the responsibility of the environmental technician. Prior to use, and between each sample, the sampling equipment will be cleaned with Liqui-Nox[®] detergent and rinsed with distilled water.

Laboratory Protocol

The laboratory will be responsible for proper QA/QC procedures after signing the chain-of-custody form. These procedures will be either transmitted with the laboratory reports or are on file at the laboratory.

LIMITATIONS

Basin Environmental Service Technologies, LLC, has prepared this Preliminary Investigation Report and Work Plan to the best of its ability. No other warranty, expressed or implied, is made or intended.

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

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

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TABLES

TABLE 1

**SOIL CHEMISTRY, DELINEATION
SOIL BORINGS & MONITOR WELLS**

TABLE 1

SOIL CHEMISTRY, DELINEATION SOIL BORINGS & MONITOR WELLS

PLAINS MARKETING, L.P.
FRISCO-SKELLY # 1
LEA COUNTY, NEW MEXICO
PLAINS EMS NO: 2004-00196

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030				METHOD: 8015M		TOTAL TPH (mg/kg)	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	GRO (mg/kg)		DRO (mg/kg)
SB-1 5'	20' bgs	11/01/04	0.386	4.82	7.90	9.79	4.84	1270	3830	5100
SB-1 10'	25' bgs	11/01/04	0.192	2.04	3.70	4.70	2.38	1080	4460	5540
SB-1 15'	30' bgs	11/01/04	0.423	4.85	6.17	8.19	3.88	1360	5340	6700
SB-1 20'	35' bgs	11/01/04	<0.025	0.540	1.33	1.820	0.860	478	2590	3068
SB-1 25'	40' bgs	11/01/04	<0.025	0.141	0.409	0.594	0.379	360	2250	2610
SB-1 30'	45' bgs	11/01/04	<0.025	<0.025	<0.025	<0.025	<0.025	<10	78.1	78.1
SB-1 35'	50' bgs	11/01/04	<0.025	<0.025	<0.025	<0.025	<0.025	<10	10.1	10.1
SB-1 40'	55' bgs	11/01/04	<0.025	<0.025	<0.025	<0.025	<0.025	<10	16.9	16.9
SB-2 5'	25' bgs	03/31/06	<0.025	<0.025	<0.025	0.025	<0.025	16.8	138	155
SB-2 10'	30' bgs	03/31/06	0.037	1.40	1.88	3.54	1.51	283	1365	1650
SB-2 15'	35' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	16.6	16.6
SB-2 25'	45' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-3 5'	25' bgs	03/31/06	0.441	5.72	4.8	10.9	5.93	1110	2433	3530
SB-3 10'	30' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	28.1	28.1
SB-3 15'	35' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	16.7	16.7
SB-3 25'	45' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-4 5'	23' bgs	03/30/06	<0.025	<0.025	0.023	0.049	0.023	25.9	319.3	345
SB-4 10'	28' bgs	03/30/06	0.034	2.38	5.44	7.42	3.7	859	2850	3710
SB-4 15'	33' bgs	03/30/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	41.0	41.0
SB-4 25'	43' bgs	03/30/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0

TABLE 1 (cont)

SOIL CHEMISTRY, DELINEATION SOIL BORINGS & MONITOR WELLS

PLAINS MARKETING, L.P.
 FRISCO-SKELLY # 1
 LEA COUNTY, NEW MEXICO
 PLAINS EMS NO: 2004-00196

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030				METHOD: 8015M			TOTAL TPH (mg/kg)	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)		
SB-5 5'	25' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	56.5	56.5
SB-5 10'	30' bgs	03/31/06	<0.025	0.012	0.028	0.075	0.018	0.018	41.6	268.9	304
SB-5 15'	35' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-5 25'	45' bgs	03/31/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-6 5'	15' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-6 10'	20' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-6 15'	25' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-6 25'	35' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-6 30'	40' bgs	04/03/06	<0.025	<0.025	<0.025	0.029	<0.025	<0.025	<10.0	<10.0	<10.0
SB-7 5'	15' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-7 10'	20' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-7 15'	25' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-7 25'	35' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-7 30'	40' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-8 5'	15' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-8 10'	20' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-8 15'	25' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-8 25'	35' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-8 30'	40' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0

TABLE 1 (cont)

SOIL CHEMISTRY, DELINEATION SOIL BORINGS & MONITOR WELLS

PLAINS MARKETING, L.P.
FRISCO-SKELLY # 1
LEA COUNTY, NEW MEXICO
PLAINS EMS NO: 2004-00196

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M		TOTAL TPH (mg/kg)	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)		
SB-9 5'	15' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
SB-9 10'	20' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-9 15'	25' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-9 25'	35' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-9 30'	40' bgs	04/03/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-10 5'	11' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-10 10'	16' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-10 20'	26' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-10 30'	36' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-10 40'	46' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-11 5'	11' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-11 10'	16' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-11 15'	21' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	104	1673	1780	1780
SB-11 20'	26' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	63.0	1288	1350	1350
SB-11 25'	31' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
SB-11 30'	36' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	15.4	15.4
SB-11 40'	46' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
MW-1 5'	5' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
MW-1 10'	10' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
MW-1 20'	20' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
MW-1 25'	25' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0

TABLE 1 (cont)

SOIL CHEMISTRY, DELINEATION SOIL BORINGS & MONITOR WELLS

PLAINS MARKETING, L.P.
FRISCO-SKELLY # 1
LEA COUNTY, NEW MEXICO
PLAINS EMS NO: 2004-00196

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M		TOTAL TPH (mg/kg)	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)		
MW-1 30'	30' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-1 35'	35' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-1 45'	45' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-1 55'	55' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-1 75'	75' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-1 85'	85' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-1 90'	90' bgs	04/04/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 5'	5' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 10'	10' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 20'	20' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 25'	25' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 30'	30' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 35'	35' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 45'	45' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 55'	55' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 75'	75' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 85'	85' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-2 90'	90' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 5'	5' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 10'	10' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 20'	20' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 25'	25' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0

TABLE 1 (cont)

SOIL CHEMISTRY, DELINEATION SOIL BORINGS & MONITOR WELLS

PLAINS MARKETING, L.P.
 FRISCO-SKELLY # 1
 LEA COUNTY, NEW MEXICO
 PLAINS EMS NO: 2004-00196

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH (mg/kg)	
			BENZENE (mg/kg)	TOLUENE (mg/kg)	ETHYL-BENZENE (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)			
MW-3 30'	30' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 35'	35' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 45'	45' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 55'	55' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 75'	75' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 85'	85' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
MW-3 90'	90' bgs	04/06/06	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0
NMOC CRITERIA			10	TOTAL BTEX 50								100

TABLE 2

**SOIL CHEMISTRY, EXCAVATION
CONFIRMATION SAMPLES**

TABLE 2

SOIL CHEMISTRY, EXCAVATION CONFIRMATION SAMPLES

PLAINS MARKETING, L.P.
 FRISCO-SKELLY # 1
 LEA COUNTY, NEW MEXICO
 PLAINS EMS NO: 2004-00196

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M			TOTAL TPH (mg/kg)
			BENZENE (mg/kg)	TOLUENE (mg/kg)	BENZENE ETHYL- (mg/kg)	M,P-XYLENES (mg/kg)	O-XYLENE (mg/kg)	GRO (mg/kg)	DRO (mg/kg)		
South Wall	12' bgs	11/11/04	<0.025	<0.025	0.033	0.044	<0.025	<10.0	<10.0	<10.0	<10.0
North Wall	15.5' bgs	11/11/04	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	<10.0
East Wall	12' bgs	11/11/04	<0.025	<0.025	<0.025	<0.025	<0.025	16.5	72.7	89.2	
West Wall	12' bgs	11/11/04	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	55.1	55.1	

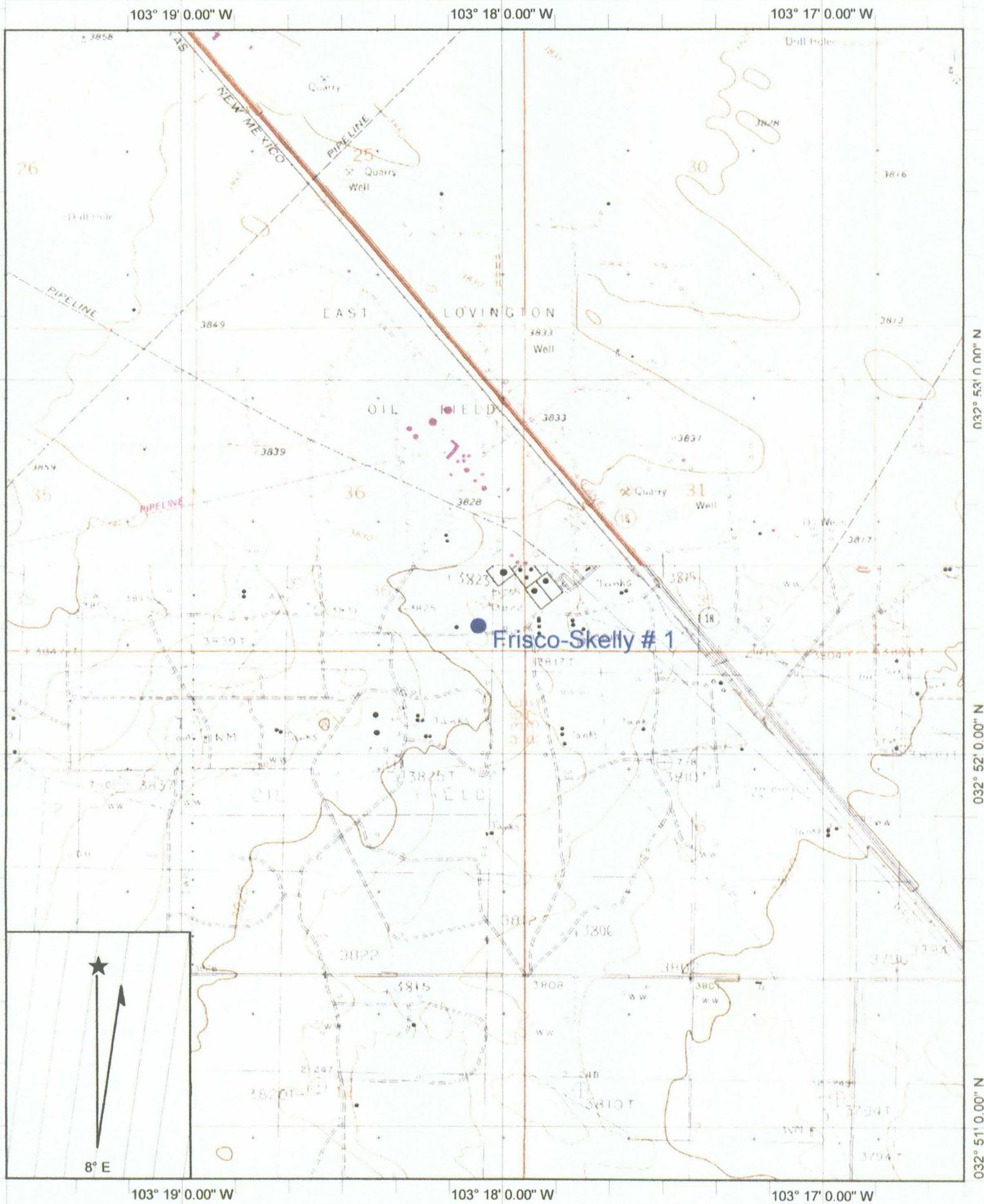
TABLE 3

GROUNDWATER CHEMISTRY

FIGURES

FIGURE 1

SITE LOCATION MAP

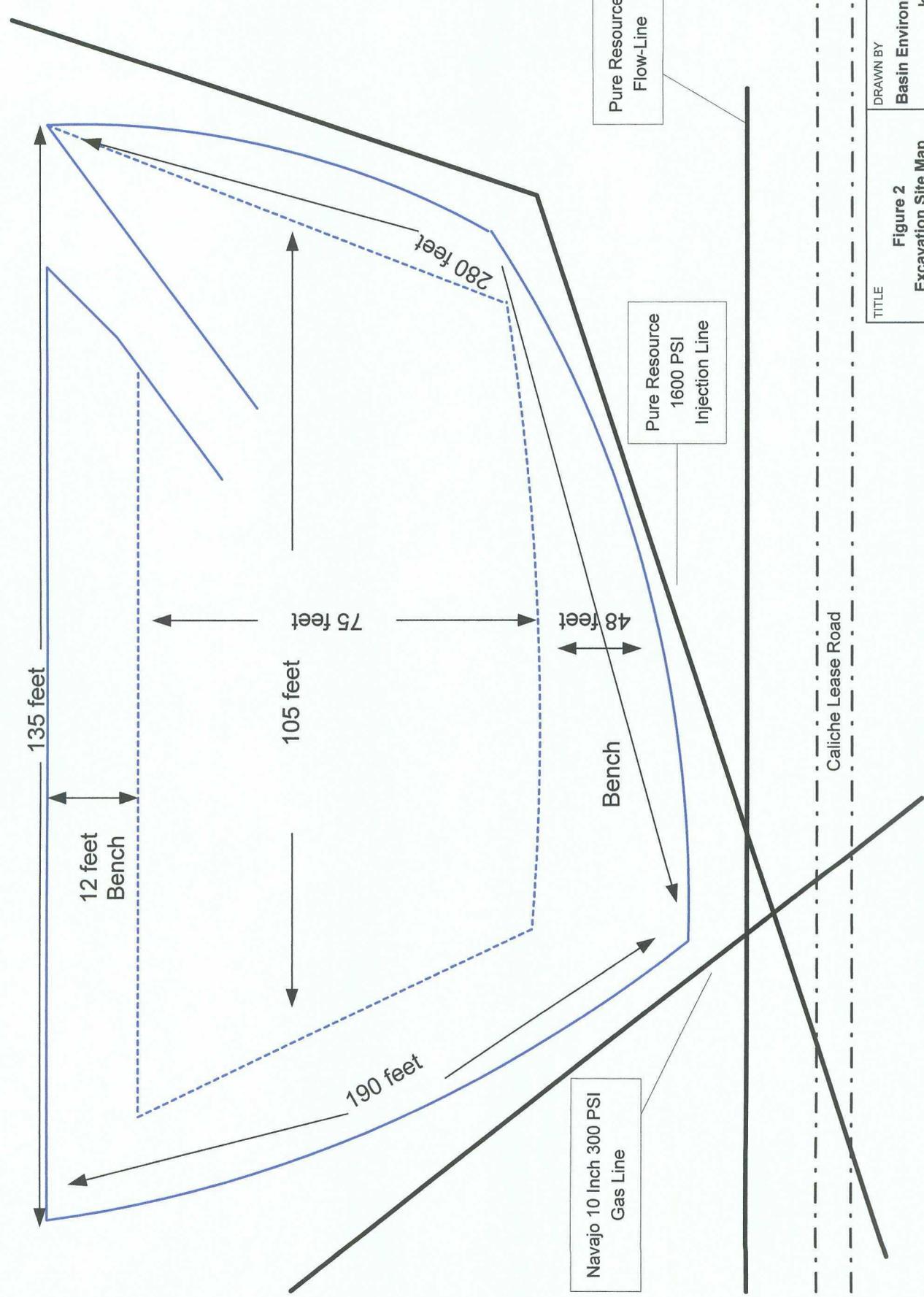
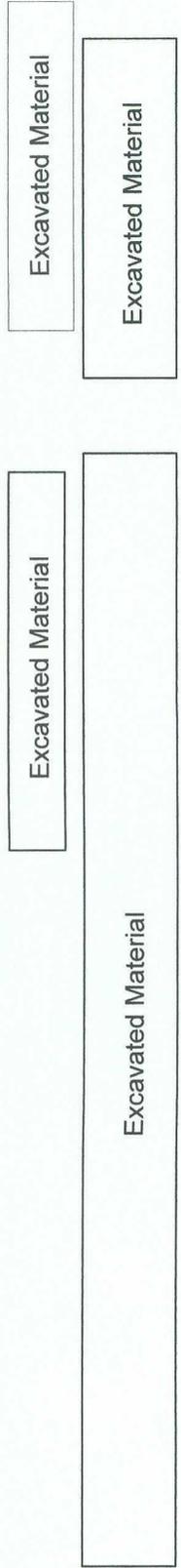


Name: LOVINGTON SE
 Date: 7/28/2005
 Scale: 1 inch equals 2000 feet

Location: 032° 52' 24.5" N 103° 18' 03.28" W
 Caption: Figure 1, Site Location Map
 Plains Marketing, L. P.
 Frisco-Skelly # 1

FIGURE 2

EXCAVATION SITE MAP



TITLE
Figure 2
Excavation Site Map
Frisco-Skelly # 1

DRAWN BY
Basin Environmental Services
kad

FIGURE 3

**SOIL BORING/MONITOR WELL
LOCATIONS**



Pure Resource
1600 PSI
Injection Line

Pure Resource
Flow-Line

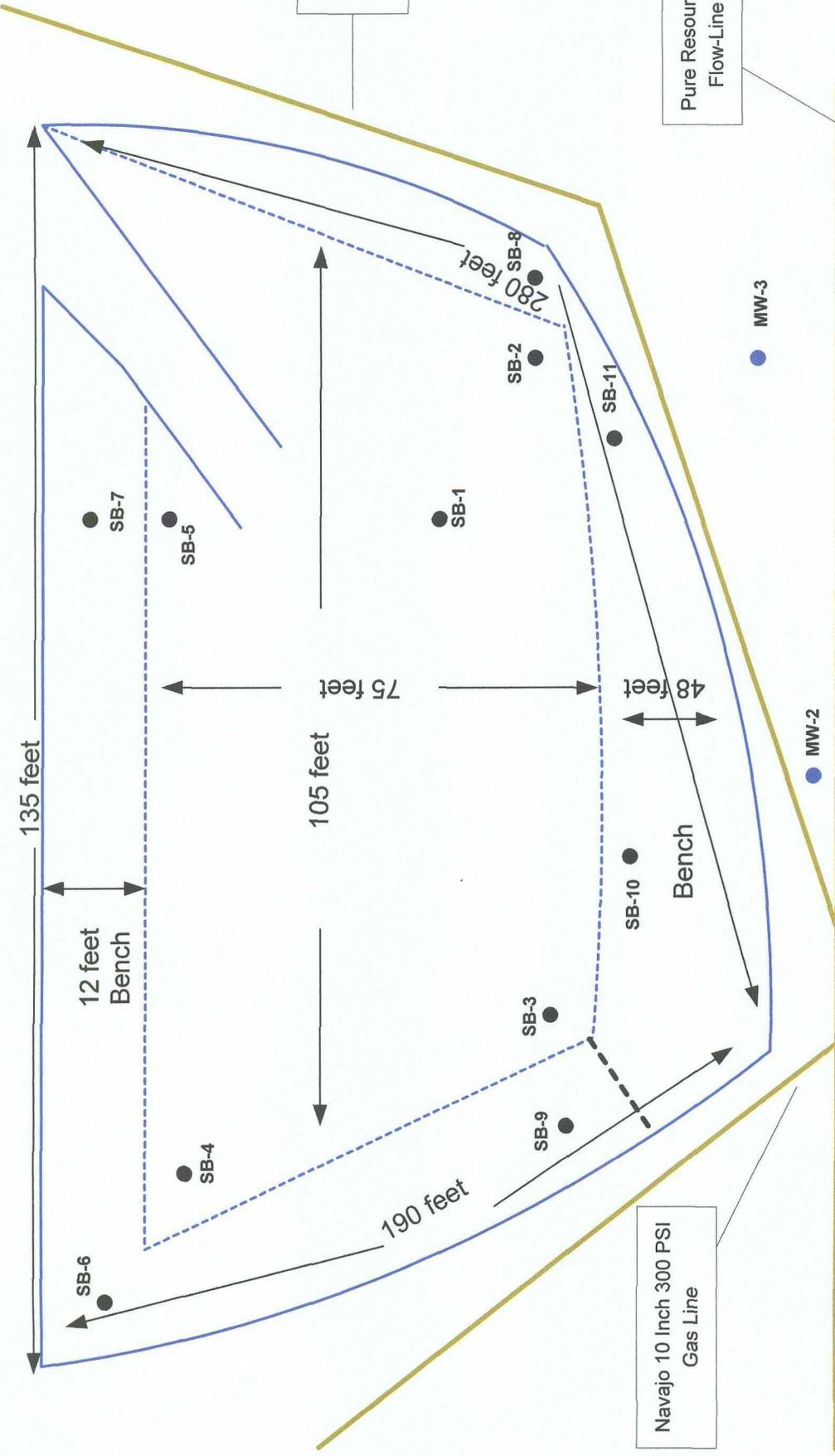
Navajo 10 Inch 300 PSI
Gas Line

Caliche Lease Road

Excavated Material

Excavated Material

Excavated Material



Legend

- Soil Borings
- Monitor Wells

TITLE **Figure 3**
Soil Boring/Monitor Well
 Locations

DRAWN BY
Basin Environmental Services
 kad

MW-1

SB-6

SB-4

12 feet
Bench

135 feet

SB-7

SB-5

105 feet

SB-1

75 feet

SB-3

SB-9

SB-10

Bench

48 feet

SB-2

SB-11

280 feet

SB-8

MW-3

MW-2

FIGURE 4

**PROPOSED EXCAVATION OF
BENCHED AREA**



Pure Resource
1600 PSI
Injection Line

Pure Resource
Flow-Line

Navajo 10 Inch 300 PSI
Gas Line

Caliche Lease Road

MW-1

MW-2

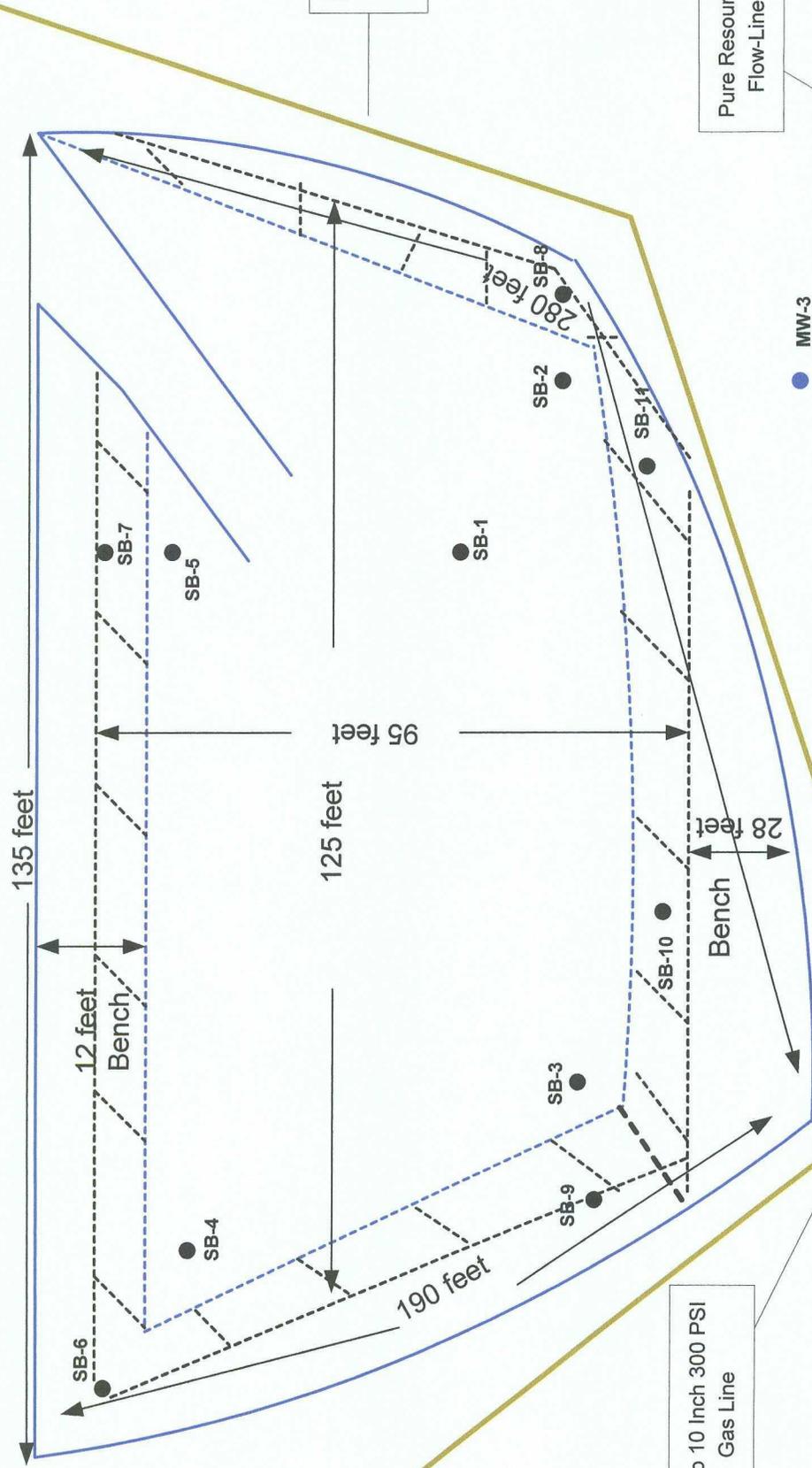
MW-3

Excavated Material

Excavated Material

Excavated Material

Excavated Material



Legend

- Soil Borings
- Monitor Wells
- Proposed Bench Excavation

TITLE **Figure 4**
Proposed Excavation of
Benched Area

DRAWN BY
Basin Environmental Services
 kad

FIGURE 5

**DIGITAL PHOTOS OF SITE
(PIPELINE LOCATIONS)**

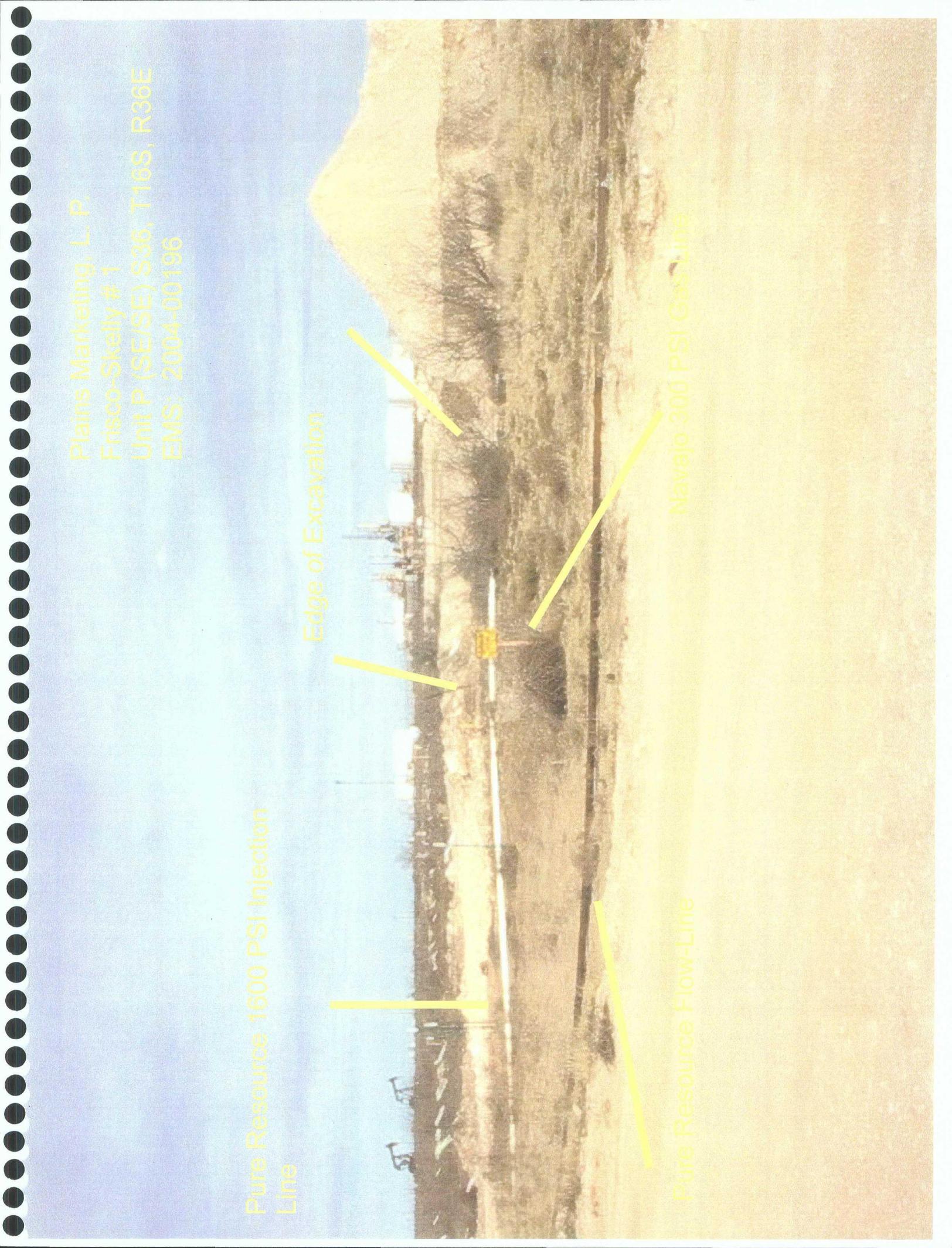
Plains Marketing, L. P.
Frisco-Skelly # 1
Unit P (SE/SE) S36, T16S, R36E
EMS: 2004-00196

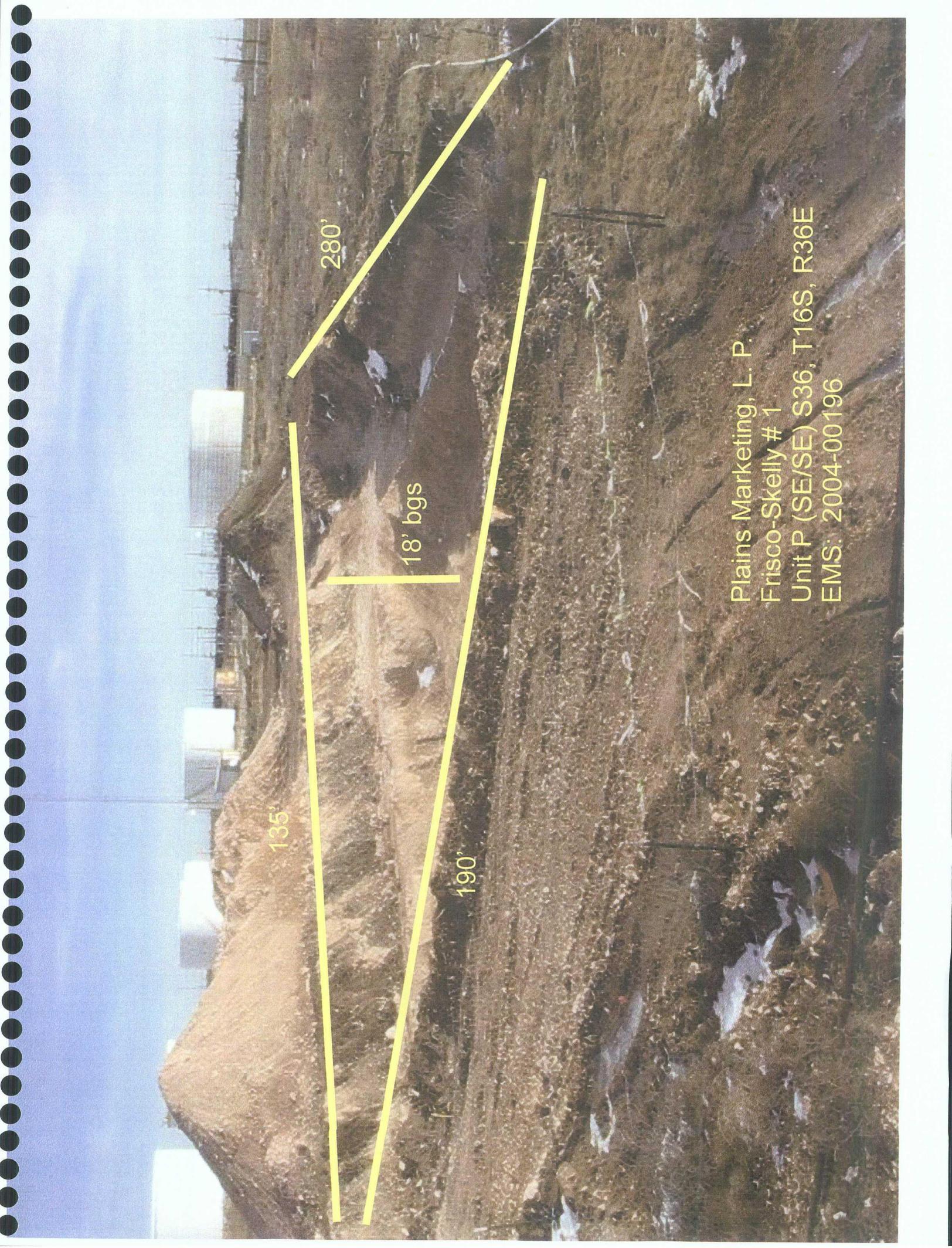
Pure Resource 1600 PSI Injection
Line

Edge of Excavation

Pure Resource Flow-Line

Navejo 300 PSI Gas Line





135'

280'

18' bgs

190'

Plains Marketing, L. P.
Frisco-Skelly # 1
Unit P (SE/SE) S36, T16S, R36E
EMS: 2004-00196

Plains Marketing, L. P.
Frisco-Skelly # 1
Unit P (SE/SE) S36, T16S, R36E
EMS: 2004-00196

Release Point

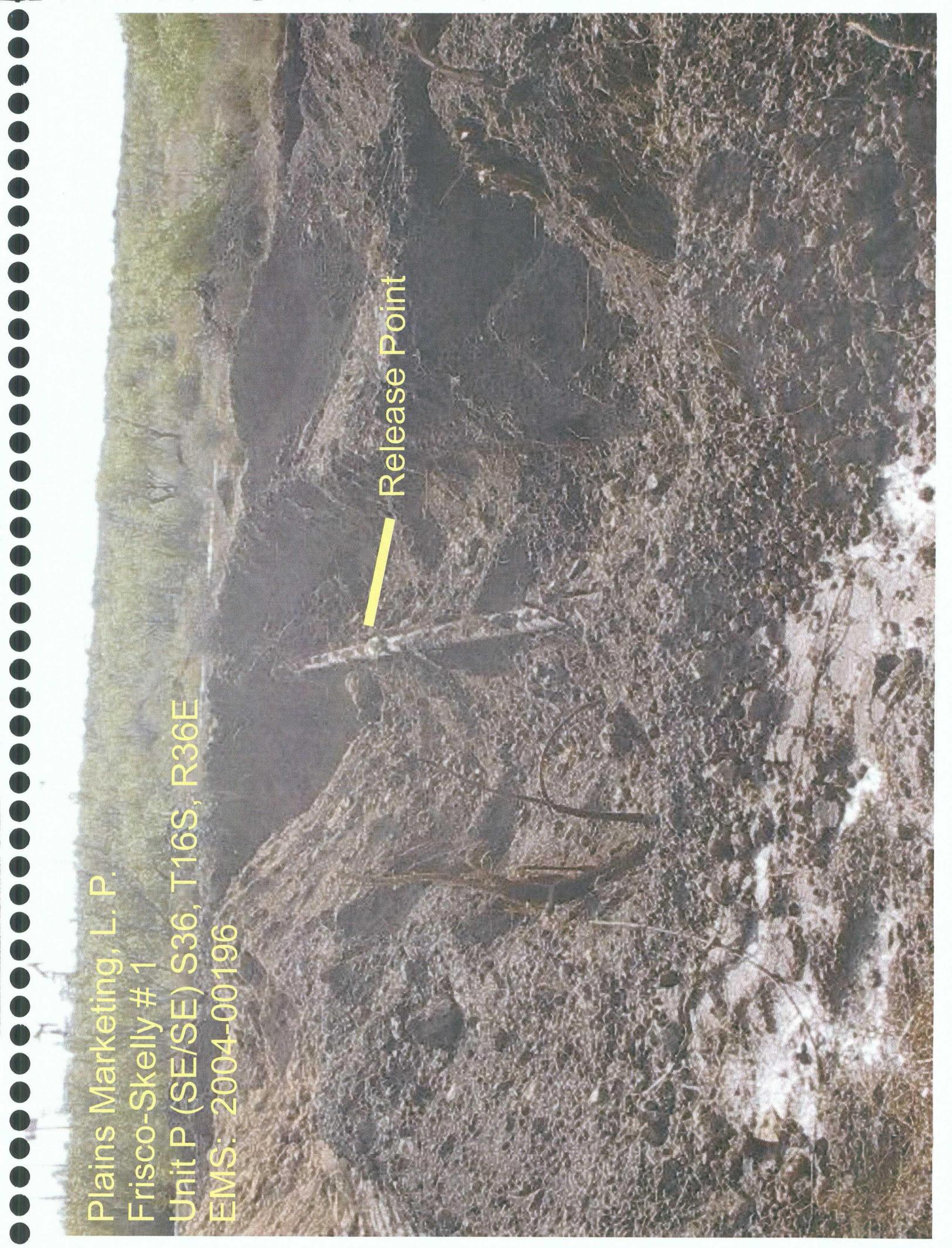
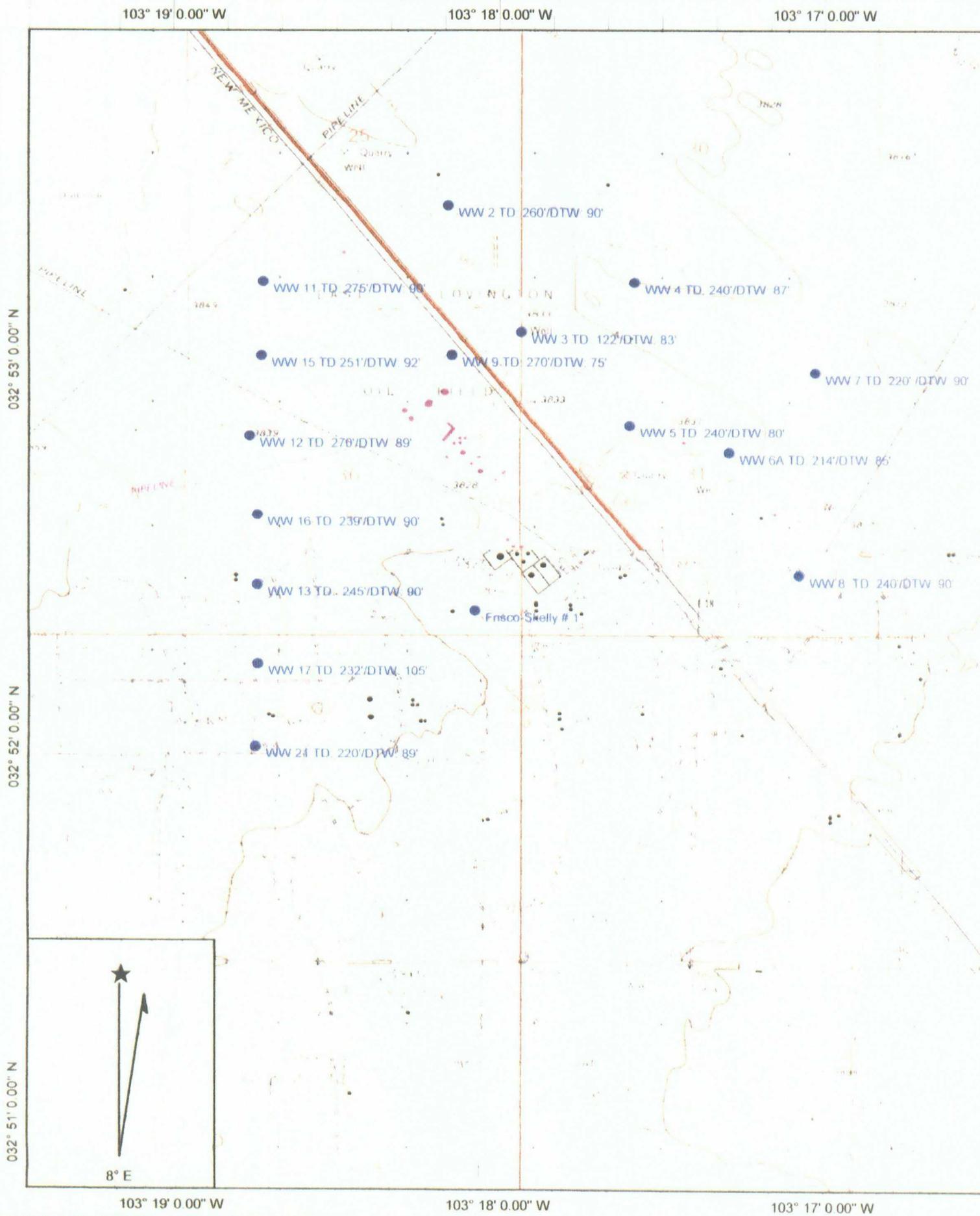


FIGURE 6

**CITY OF LOVINGTON WATER WELL
LOCATIONS**



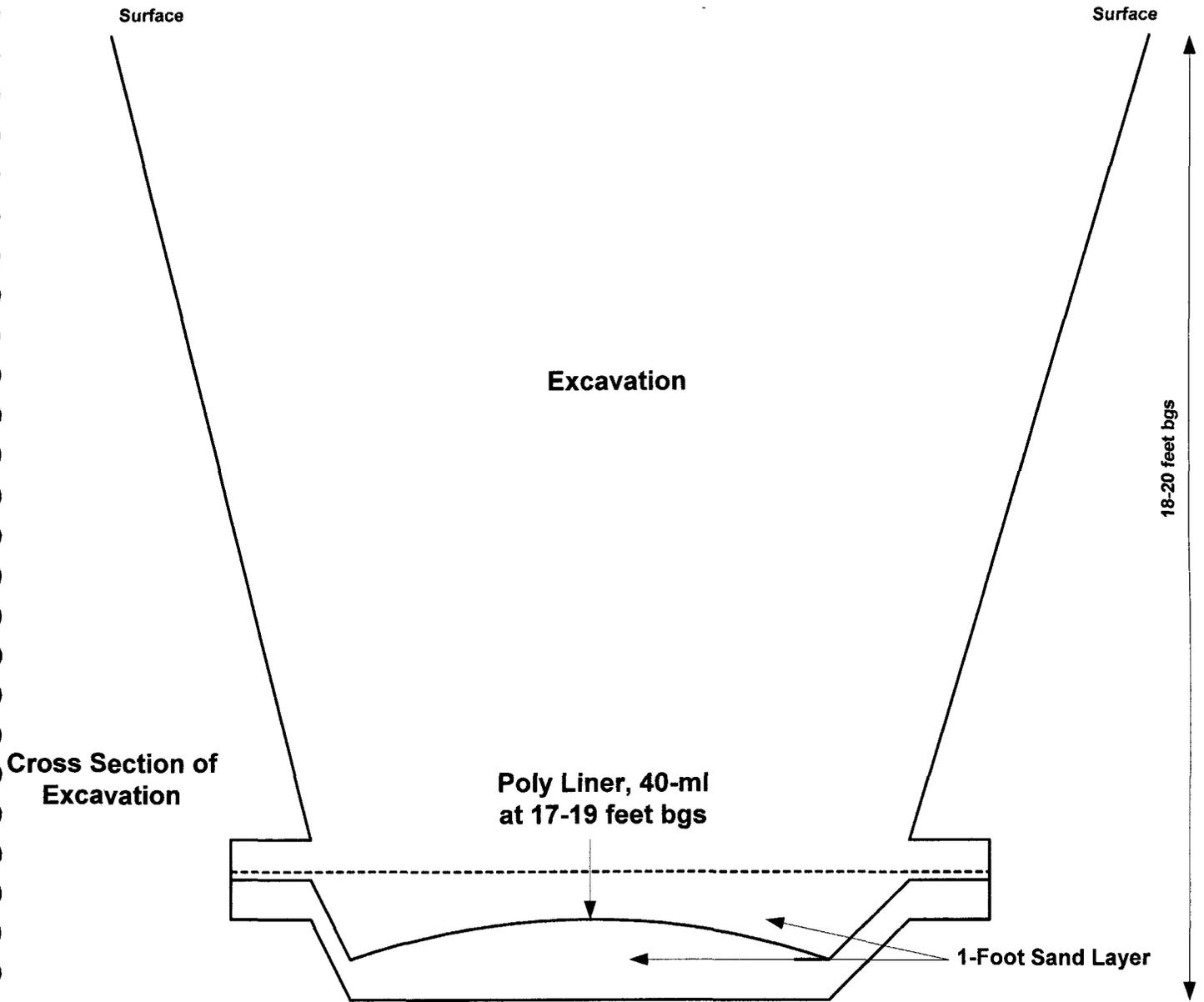
Name: LOVINGTON SE
 Date: 7/20/2005
 Scale: 1 inch equals 2000 feet

Figure 6
 City of Lovington Water Well Locations

FIGURE 7

**INSTALLATION OF 40-ml POLY
LINER**

**Frisco-Skelly # 1
40-ml Poly-Liner Installation**



**Cross Section of
Excavation**

TITLE	Frisco-Skelly # 1	DATE	06 May 06
DRAWN BY	Basin Environmental Services KAD	LABEL	Installation of 40 ml Poly Liner

APPENDICES

APPENDIX A

**NEW MEXICO OFFICE OF THE
STATE ENGINEER WATER WELL
DATABASE REPORT**

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 16S Range: 36E Sections: 36

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

AVERAGE DEPTH OF WATER REPORT 02/16/2006

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	16S	36E	36				6	40	88	60

Record Count: 6

New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 16S Range: 36E Sections: 36

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

Owner Name: (First) (Last) Non-Domestic Domestic All

Well / Surface Data Report Avg Depth to Water Report

Water Column Report

Clear Form WATERS Menu Help

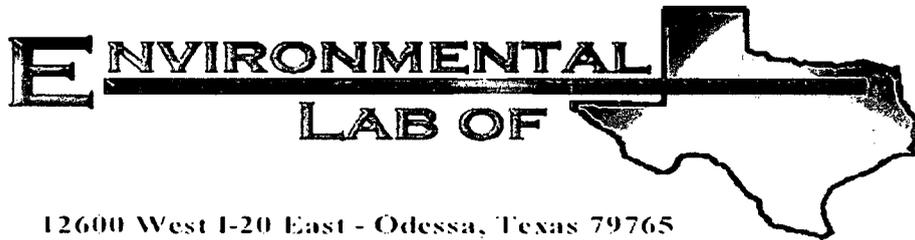
AVERAGE DEPTH OF WATER REPORT 12/16/2004

Bsn	Tws	Rng	Sec	Zone	X	Y	Wells	(Depth Water in Feet)		
								Min	Max	Avg
L	16S	36E	36				6	40	257	116

Record Count: 6

APPENDIX B

**ENVIRONMENTAL LABORATORY
OF TEXAS ANALYTICAL RESULTS**



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Frisco Skelly

Project Number: 2004-00196

Location: Lea Co., NM

Lab Order Number: 6D21005

Report Date: 04/28/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/28/06 12:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1	6D21005-01	Water	04/20/06 09:35	04/21/06 13:10
MW-2	6D21005-02	Water	04/20/06 10:50	04/21/06 13:10
MW-3	6D21005-03	Water	04/20/06 12:50	04/21/06 13:10

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 04/28/06 12:34

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 (6D21005-01) Water									
Benzene	ND	0.00500	mg/L	5	ED62607	04/26/06	04/27/06	EPA 8021B	
Toluene	ND	0.00500	"	"	"	"	"	"	
Ethylbenzene	ND	0.00500	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00500	"	"	"	"	"	"	
Xylene (o)	ND	0.00500	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.0 %	80-120		"	"	"	"	
MW-2 (6D21005-02) Water									
Benzene	ND	0.00100	mg/L	1	ED62607	04/26/06	04/26/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	80-120		"	"	"	"	
MW-3 (6D21005-03) Water									
Benzene	ND	0.00100	mg/L	1	ED62607	04/26/06	04/27/06	EPA 8021B	
Toluene	ND	0.00100	"	"	"	"	"	"	
Ethylbenzene	ND	0.00100	"	"	"	"	"	"	
Xylene (p/m)	ND	0.00100	"	"	"	"	"	"	
Xylene (o)	ND	0.00100	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.8 %	80-120		"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 04/28/06 12:34

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch ED62607 - EPA 5030C (GC)

Blank (ED62607-BLK1)

Prepared & Analyzed: 04/26/06

Benzene	ND	0.00100	mg/L							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	39.1		ug/l	40.0		97.8	80-120			
Surrogate: 4-Bromofluorobenzene	41.4		"	40.0		104	80-120			

LCS (ED62607-BS1)

Prepared & Analyzed: 04/26/06

Benzene	0.0503	0.00100	mg/L	0.0502		100	80-120			
Toluene	0.0550	0.00100	"	0.0502		110	80-120			
Ethylbenzene	0.0584	0.00100	"	0.0502		116	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100		120	80-120			
Xylene (o)	0.0582	0.00100	"	0.0502		116	80-120			
Surrogate: a,a,a-Trifluorotoluene	42.9		ug/l	40.0		107	80-120			
Surrogate: 4-Bromofluorobenzene	47.2		"	40.0		118	80-120			

Calibration Check (ED62607-CCV1)

Prepared: 04/26/06 Analyzed: 04/27/06

Benzene	57.8		ug/l	50.0		116	80-120			
Toluene	56.3		"	50.0		113	80-120			
Ethylbenzene	58.2		"	50.0		116	80-120			
Xylene (p/m)	118		"	100		118	80-120			
Xylene (o)	58.8		"	50.0		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	35.5		"	40.0		88.8	80-120			
Surrogate: 4-Bromofluorobenzene	36.6		"	40.0		91.5	80-120			

Matrix Spike (ED62607-MS1)

Source: 6D20008-01

Prepared: 04/26/06 Analyzed: 04/27/06

Benzene	0.0595	0.00100	mg/L	0.0502	ND	119	80-120			
Toluene	0.0573	0.00100	"	0.0502	ND	114	80-120			
Ethylbenzene	0.0559	0.00100	"	0.0502	ND	111	80-120			
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120			
Xylene (o)	0.0582	0.00100	"	0.0502	ND	116	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.1		ug/l	40.0		92.8	80-120			
Surrogate: 4-Bromofluorobenzene	40.0		"	40.0		100	80-120			

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/28/06 12:34

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch ED62607 - EPA 5030C (GC)

Matrix Spike Dup (ED62607-MSD1)	Source: 6D20008-01			Prepared: 04/26/06 Analyzed: 04/27/06					
Benzene	0.0600	0.00100	mg/L	0.0502	ND	120	80-120	0.837	20
Toluene	0.0579	0.00100	"	0.0502	ND	115	80-120	0.873	20
Ethylbenzene	0.0590	0.00100	"	0.0502	ND	118	80-120	6.11	20
Xylene (p/m)	0.120	0.00100	"	0.100	ND	120	80-120	0.00	20
Xylene (o)	0.0584	0.00100	"	0.0502	ND	116	80-120	0.00	20
Surrogate: a,a,a-Trifluorotoluene	41.9		ug/l	40.0		105	80-120		
Surrogate: 4-Bromofluorobenzene	42.5		"	40.0		106	80-120		

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

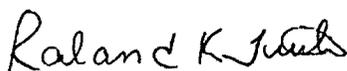
Fax: (432) 687-4914

Reported:
04/28/06 12:34

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 4/28/2006

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
LaTasha Cornish, Chemist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

**Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In**

Plains P/L

Time: 04-21-06 @ 1310

Lot #: 6D 2100S

Analyst: JMM

Sample Receipt Checklist

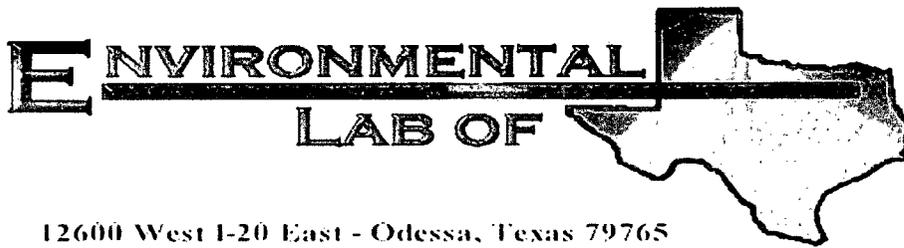
Temperature of container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	2.0	C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Study Seals intact on shipping container/cooler?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not present	
Study Seals intact on sample bottles?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Not present	
Chain of custody present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Container labels legible and intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Samples properly preserved?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sample bottles intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Observations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No		
Samples have zero headspace?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	Nct Applicable	

Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Frisco Skelly

Project Number: 2004-00196

Location: Lea County, NM

Lab Order Number: 6D10006

Report Date: 04/19/06

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/19/06 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-4 5'	6D10006-01	Soil	03/30/06 13:26	04/10/06 13:03
SB-4 10'	6D10006-02	Soil	03/30/06 13:31	04/10/06 13:03
SB-4 15'	6D10006-03	Soil	03/30/06 13:36	04/10/06 13:03
SB-4 25'	6D10006-04	Soil	03/30/06 14:20	04/10/06 13:03
SB-5 5'	6D10006-05	Soil	03/31/06 08:24	04/10/06 13:03
SB-5 10'	6D10006-06	Soil	03/31/06 08:29	04/10/06 13:03
SB-5 15'	6D10006-07	Soil	03/31/06 08:33	04/10/06 13:03
SB-5 25'	6D10006-08	Soil	03/31/06 09:12	04/10/06 13:03
SB-3 5'	6D10006-09	Soil	03/31/06 10:04	04/10/06 13:03
SB-3 10'	6D10006-10	Soil	03/31/06 10:07	04/10/06 13:03
SB-3 15'	6D10006-11	Soil	03/31/06 10:12	04/10/06 13:03
SB-3 25'	6D10006-12	Soil	03/31/06 10:43	04/10/06 13:03
SB-2 5'	6D10006-13	Soil	03/31/06 11:19	04/10/06 13:03
SB-2 10'	6D10006-14	Soil	03/31/06 11:23	04/10/06 13:03
SB-2 15'	6D10006-15	Soil	03/31/06 11:27	04/10/06 13:03
SB-2 25'	6D10006-16	Soil	03/31/06 12:10	04/10/06 13:03
SB-6 5'	6D10006-17	Soil	04/03/06 13:48	04/10/06 13:03
SB-6 10'	6D10006-18	Soil	04/03/06 13:53	04/10/06 13:03
SB-6 15'	6D10006-19	Soil	04/03/06 13:57	04/10/06 13:03
SB-6 25'	6D10006-20	Soil	04/03/06 14:04	04/10/06 13:03
SB-6 30'	6D10006-21	Soil	04/03/06 14:06	04/10/06 13:03
SB-7 5'	6D10006-22	Soil	04/03/06 14:36	04/10/06 13:03
SB-7 10'	6D10006-23	Soil	04/03/06 14:42	04/10/06 13:03
SB-7 15'	6D10006-24	Soil	04/03/06 14:50	04/10/06 13:03
SB-7 25'	6D10006-25	Soil	04/03/06 15:01	04/10/06 13:03
SB-7 30'	6D10006-26	Soil	04/03/06 15:07	04/10/06 13:03
SB-8 5'	6D10006-27	Soil	04/03/06 10:50	04/10/06 13:03
SB-8 10'	6D10006-28	Soil	04/03/06 10:54	04/10/06 13:03
SB-8 15'	6D10006-29	Soil	04/03/06 11:00	04/10/06 13:03
SB-8 25'	6D10006-30	Soil	04/03/06 11:06	04/10/06 13:03
SB-8 30'	6D10006-31	Soil	04/03/06 11:09	04/10/06 13:03
SB-9 5'	6D10006-32	Soil	04/03/06 12:11	04/10/06 13:03
SB-9 10'	6D10006-33	Soil	04/03/06 12:18	04/10/06 13:03
SB-9 15'	6D10006-34	Soil	04/03/06 12:22	04/10/06 13:03

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/19/06 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-9 25'	6D10006-35	Soil	04/03/06 12:30	04/10/06 13:03
SB-9 30'	6D10006-36	Soil	04/03/06 12:32	04/10/06 13:03
SB-10 5'	6D10006-37	Soil	04/04/06 09:07	04/10/06 13:03
SB-10 10'	6D10006-38	Soil	04/04/06 09:10	04/10/06 13:03
SB-10 20'	6D10006-39	Soil	04/04/06 09:23	04/10/06 13:03
SB-10 30'	6D10006-40	Soil	04/04/06 09:29	04/10/06 13:03
SB-10 40'	6D10006-41	Soil	04/04/06 09:37	04/10/06 13:03
SB-11 5'	6D10006-42	Soil	04/04/06 10:22	04/10/06 13:03
SB-11 10'	6D10006-43	Soil	04/04/06 10:25	04/10/06 13:03
SB-11 15'	6D10006-44	Soil	04/04/06 10:29	04/10/06 13:03
SB-11 20'	6D10006-45	Soil	04/04/06 10:34	04/10/06 13:03
SB-11 25'	6D10006-46	Soil	04/04/06 10:37	04/10/06 13:03
SB-11 30'	6D10006-47	Soil	04/04/06 10:40	04/10/06 13:03
SB-11 40'	6D10006-48	Soil	04/04/06 11:04	04/10/06 13:03
MW-1 5'	6D10006-49	Soil	04/04/06 12:53	04/10/06 13:03
MW-1 10'	6D10006-50	Soil	04/04/06 12:56	04/10/06 13:03
MW-1 20'	6D10006-51	Soil	04/04/06 13:06	04/10/06 13:03
MW-1 25'	6D10006-52	Soil	04/04/06 13:12	04/10/06 13:03
MW-1 30'	6D10006-53	Soil	04/04/06 13:16	04/10/06 13:03
MW-1 35'	6D10006-54	Soil	04/04/06 13:22	04/10/06 13:03
MW-1 45'	6D10006-55	Soil	04/04/06 13:33	04/10/06 13:03
MW-1 55'	6D10006-56	Soil	04/04/06 13:39	04/10/06 13:03
MW-1 75'	6D10006-57	Soil	04/04/06 13:49	04/10/06 13:03
MW-1 85'	6D10006-58	Soil	04/04/06 14:02	04/10/06 13:03
MW-1 90'	6D10006-59	Soil	04/04/06 14:13	04/10/06 13:03
MW-2 5'	6D10006-60	Soil	04/06/06 08:55	04/10/06 13:03
MW-2 10'	6D10006-61	Soil	04/06/06 09:01	04/10/06 13:03
MW-2 20'	6D10006-62	Soil	04/06/06 09:02	04/10/06 13:03
MW-2 25'	6D10006-63	Soil	04/06/06 09:03	04/10/06 13:03
MW-2 30'	6D10006-64	Soil	04/06/06 09:06	04/10/06 13:03
MW-2 35'	6D10006-65	Soil	04/06/06 09:13	04/10/06 13:03
MW-2 45'	6D10006-66	Soil	04/06/06 09:19	04/10/06 13:03
MW-2 55'	6D10006-67	Soil	04/06/06 09:27	04/10/06 13:03
MW-2 75'	6D10006-68	Soil	04/06/06 09:39	04/10/06 13:03

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Page 2 of 61

Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/19/06 13:13

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-2 85'	6D10006-69	Soil	04/06/06 09:45	04/10/06 13:03
MW-2 90'	6D10006-70	Soil	04/06/06 10:05	04/10/06 13:03
MW-3 5'	6D10006-71	Soil	04/06/06 14:44	04/10/06 13:03
MW-3 10'	6D10006-72	Soil	04/06/06 14:50	04/10/06 13:03
MW-3 20'	6D10006-73	Soil	04/06/06 15:01	04/10/06 13:03
MW-3 25'	6D10006-74	Soil	04/06/06 15:05	04/10/06 13:03
MW-3 30'	6D10006-75	Soil	04/06/06 15:08	04/10/06 13:03
MW-3 35'	6D10006-76	Soil	04/06/06 15:13	04/10/06 13:03
MW-3 45'	6D10006-77	Soil	04/06/06 15:18	04/10/06 13:03
MW-3 55'	6D10006-78	Soil	04/06/06 15:24	04/10/06 13:03
MW-3 75'	6D10006-79	Soil	04/06/06 15:34	04/10/06 13:03
MW-3 85'	6D10006-80	Soil	04/06/06 15:40	04/10/06 13:03
MW-3 90'	6D10006-81	Soil	04/06/06 15:42	04/10/06 13:03

Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 04/19/06 13:13

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 5' (6D10006-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	J [0.0232]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	0.0491	0.0250	"	"	"	"	"	"	
Xylene (o)	J [0.0237]	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		99.5 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	25.9	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	305	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	14.3	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	345	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		127 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		130 %	70-130		"	"	"	"	
SB-4 10' (6D10006-02) Soil									
Benzene	0.0345	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	2.38	0.0250	"	"	"	"	"	"	
Ethylbenzene	5.44	0.0250	"	"	"	"	"	"	
Xylene (p/m)	7.42	0.0250	"	"	"	"	"	"	
Xylene (o)	3.70	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		170 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		147 %	80-120		"	"	"	"	S-04
Carbon Ranges C6-C12	859	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	2650	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	200	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	3710	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		142 %	70-130		"	"	"	"	S-04
Surrogate: 1-Chlorooctadecane		163 %	70-130		"	"	"	"	S-04
SB-4 15' (6D10006-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		95.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	

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Plains All American EH & S
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Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 15' (6D10006-03) Soil									
Carbon Ranges C12-C28	41.0	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	41.0	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.0 %	70-130		"	"	"	"	
SB-4 25' (6D10006-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		97.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		100 %	70-130		"	"	"	"	
SB-5 5' (6D10006-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	56.5	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	56.5	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		103 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 10' (6D10006-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	J [0.0121]	0.0250	"	"	"	"	"	"	J
Ethylbenzene	0.0286	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.0752	0.0250	"	"	"	"	"	"	
Xylene (o)	J [0.0185]	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		104 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		90.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	41.6	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	262	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	J [6.98]	10.0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	304	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		107 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		105 %	70-130		"	"	"	"	
SB-5 15' (6D10006-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		87.8 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		86.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		93.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.4 %	70-130		"	"	"	"	
SB-5 25' (6D10006-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		101 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		85.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 25' (6D10006-08) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		105 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		102 %	70-130		"	"	"	"	
SB-3 5' (6D10006-09) Soil									
Benzene	0.441	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	5.72	0.0250	"	"	"	"	"	"	
Ethylbenzene	4.80	0.0250	"	"	"	"	"	"	
Xylene (p/m)	10.9	0.0250	"	"	"	"	"	"	
Xylene (o)	5.93	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		1040 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		160 %	80-120		"	"	"	"	S-04
Carbon Ranges C6-C12	1110	10.0	mg/kg dry	1	ED61011	04/10/06	04/10/06	EPA 8015M	
Carbon Ranges C12-C28	2280	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	153	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	3540	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		147 %	70-130		"	"	"	"	S-04
Surrogate: 1-Chlorooctadecane		156 %	70-130		"	"	"	"	S-04
SB-3 10' (6D10006-10) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61005	04/10/06	04/10/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		104 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	28.1	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	28.1	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		101 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		100 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 15' (6D10006-11) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	16.7	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	16.7	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		96.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		95.4 %	70-130		"	"	"	"	
SB-3 25' (6D10006-12) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		97.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		94.8 %	70-130		"	"	"	"	
SB-2 5' (6D10006-13) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.0258	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	16.8	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 5' (6D10006-13) Soil									
Carbon Ranges C12-C28	138	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	155	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		99.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		96.8 %	70-130		"	"	"	"	
SB-2 10' (6D10006-14) Soil									
Benzene	0.0374	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	1.40	0.0250	"	"	"	"	"	"	
Ethylbenzene	1.88	0.0250	"	"	"	"	"	"	
Xylene (p/m)	3.54	0.0250	"	"	"	"	"	"	
Xylene (o)	1.51	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		144 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		104 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	283	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	1270	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	95.9	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1650	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		110 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		114 %	70-130		"	"	"	"	
SB-2 15' (6D10006-15) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		105 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	16.6	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	16.6	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		98.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		98.6 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 25' (6D10006-16) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		82.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		81.8 %	70-130		"	"	"	"	
SB-6 5' (6D10006-17) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		129 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		130 %	70-130		"	"	"	"	
SB-6 10' (6D10006-18) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	

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Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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 04/19/06 13:13

Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-6 10' (6D10006-18) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %	70-130		"	"	"	"	
SB-6 15' (6D10006-19) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61011	04/10/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		121 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		122 %	70-130		"	"	"	"	
SB-6 25' (6D10006-20) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		106 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		105 %	70-130		"	"	"	"	

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 Project Number: 2004-00196
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-6 30' (6D10006-21) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	J [0.0155]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	0.0294	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		103 %	70-130		"	"	"	"	
SB-7 5' (6D10006-22) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		100 %	70-130		"	"	"	"	
SB-7 10' (6D10006-23) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	

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 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 10' (6D10006-23) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		101 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		101 %	70-130		"	"	"	"	
SB-7 15' (6D10006-24) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		101 %	70-130		"	"	"	"	
SB-7 25' (6D10006-25) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61102	04/11/06	04/11/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		107 %	70-130		"	"	"	"	

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Project: Frisco Skelly
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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 30' (6D10006-26) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		106 %	70-130		"	"	"	"	
SB-8 5' (6D10006-27) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		98.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		99.4 %	70-130		"	"	"	"	
SB-8 10' (6D10006-28) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		96.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-8 10' (6D10006-28) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		95.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		96.0 %	70-130		"	"	"	"	
SB-8 15' (6D10006-29) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		87.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	J [7.81]	10.0	"	"	"	"	"	"	J
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %	70-130		"	"	"	"	
SB-8 25' (6D10006-30) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		94.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		93.6 %	70-130		"	"	"	"	

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-8 30' (6D10006-31) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/11/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		97.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.0 %	70-130		"	"	"	"	
SB-9 5' (6D10006-32) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		101 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %	70-130		"	"	"	"	
SB-9 10' (6D10006-33) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	

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Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 04/19/06 13:13

Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-9 10' (6D10006-33) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		98.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.0 %	70-130		"	"	"	"	
SB-9 15' (6D10006-34) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		102 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		97.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.2 %	70-130		"	"	"	"	
SB-9 25' (6D10006-35) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		104 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		105 %	70-130		"	"	"	"	

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 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-9 30' (6D10006-36) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		100 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		101 %	70-130		"	"	"	"	
SB-10 5' (6D10006-37) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		97.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		96.8 %	70-130		"	"	"	"	
SB-10 10' (6D10006-38) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	

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Plains All American EH & S
 1301 S. County Road 1150
 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-10 10' (6D10006-38) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		103 %	70-130		"	"	"	"	
SB-10 20' (6D10006-39) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61214	04/12/06	04/12/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61113	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		97.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.4 %	70-130		"	"	"	"	
SB-10 30' (6D10006-40) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		101 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		98.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.4 %	70-130		"	"	"	"	

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Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-10 40' (6D10006-41) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		92.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		92.4 %	70-130		"	"	"	"	
SB-11 5' (6D10006-42) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		101 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		101 %	70-130		"	"	"	"	
SB-11 10' (6D10006-43) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	

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 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-11 10' (6D10006-43) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		95.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		97.8 %	70-130		"	"	"	"	
SB-11 15' (6D10006-44) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		86.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		85.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	104	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	1530	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	143	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1780	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		120 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		129 %	70-130		"	"	"	"	
SB-11 20' (6D10006-45) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/12/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		88.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	63.0	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	1180	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	108	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1350	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		117 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		125 %	70-130		"	"	"	"	

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-11 25' (6D10006-46) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		99.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		98.6 %	70-130		"	"	"	"	
SB-11 30' (6D10006-47) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	15.4	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	15.4	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		100 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %	70-130		"	"	"	"	
SB-11 40' (6D10006-48) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	

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 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-11 40' (6D10006-48) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		116 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		115 %	70-130		"	"	"	"	
MW-1 5' (6D10006-49) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %	70-130		"	"	"	"	
MW-1 10' (6D10006-50) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		101 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		127 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		127 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 20' (6D10006-51) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		90.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		125 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		130 %	70-130		"	"	"	"	
MW-1 25' (6D10006-52) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61307	04/13/06	04/13/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		104 %	70-130		"	"	"	"	
MW-1 30' (6D10006-53) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/14/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	

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 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 30' (6D10006-53) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		103 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		103 %	70-130		"	"	"	"	
MW-1 35' (6D10006-54) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/14/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		122 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		120 %	70-130		"	"	"	"	
MW-1 45' (6D10006-55) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/14/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		110 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		113 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 55' (6D10006-56) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/14/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		104 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		103 %	70-130		"	"	"	"	
MW-1 75' (6D10006-57) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/14/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		100 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		100 %	70-130		"	"	"	"	
MW-1 85' (6D10006-58) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 85' (6D10006-58) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		118 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		119 %	70-130		"	"	"	"	
MW-1 90' (6D10006-59) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		80.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61114	04/11/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		101 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		103 %	70-130		"	"	"	"	
MW-2 5' (6D10006-60) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		90.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		89.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.4 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 10' (6D10006-61) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		82.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		83.4 %	70-130		"	"	"	"	
MW-2 20' (6D10006-62) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		88.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		88.0 %	70-130		"	"	"	"	
MW-2 25' (6D10006-63) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	

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Plains All American EH & S
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 Midland TX, 79706-4476

Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 25' (6D10006-63) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		84.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		82.2 %	70-130		"	"	"	"	
MW-2 30' (6D10006-64) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		86.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		89.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		88.4 %	70-130		"	"	"	"	
MW-2 35' (6D10006-65) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		92.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		92.8 %	70-130		"	"	"	"	

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 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 45' (6D10006-66) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		83.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		86.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		86.4 %	70-130		"	"	"	"	
MW-2 55' (6D10006-67) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		93.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		91.2 %	70-130		"	"	"	"	
MW-2 75' (6D10006-68) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		89.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	

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 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 75' (6D10006-68) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		86.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.4 %	70-130		"	"	"	"	
MW-2 85' (6D10006-69) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		92.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/12/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		86.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		86.4 %	70-130		"	"	"	"	
MW-2 90' (6D10006-70) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		81.0 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		95.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		93.0 %	70-130		"	"	"	"	

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 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 5' (6D10006-71) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		89.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		84.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		85.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		85.0 %	70-130		"	"	"	"	
MW-3 10' (6D10006-72) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61406	04/13/06	04/14/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		82.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		88.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.8 %	70-130		"	"	"	"	
MW-3 20' (6D10006-73) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		86.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		102 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 20' (6D10006-73) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		93.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		91.6 %	70-130		"	"	"	"	
MW-3 25' (6D10006-74) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		83.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		95.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		94.8 %	70-130		"	"	"	"	
MW-3 30' (6D10006-75) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		83.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		91.0 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		90.8 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 35' (6D10006-76) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		82.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		88.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		87.0 %	70-130		"	"	"	"	
MW-3 45' (6D10006-77) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		83.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		94.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		86.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		85.0 %	70-130		"	"	"	"	
MW-3 55' (6D10006-78) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		80.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		95.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	

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 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 55' (6D10006-78) Soil									
Carbon Ranges C12-C28	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		85.2 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		84.8 %	70-130		"	"	"	"	
MW-3 75' (6D10006-79) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		82.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.2 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61215	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		83.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		83.2 %	70-130		"	"	"	"	
MW-3 85' (6D10006-80) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		84.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		98.5 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61216	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		82.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		79.6 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 90' (6D10006-81) Soil									
Benzene	ND	0.0250	mg/kg dry	25	ED61701	04/17/06	04/17/06	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		87.2 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		88.8 %	80-120		"	"	"	"	
Carbon Ranges C6-C12	ND	10.0	mg/kg dry	1	ED61216	04/12/06	04/13/06	EPA 8015M	
Carbon Ranges C12-C28	ND	10.0	"	"	"	"	"	"	
Carbon Ranges C28-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		86.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		85.6 %	70-130		"	"	"	"	

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General Chemistry Parameters by EPA / Standard Methods
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 5' (6D10006-01) Soil									
% Moisture	1.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-4 10' (6D10006-02) Soil									
% Moisture	3.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-4 15' (6D10006-03) Soil									
% Moisture	3.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-4 25' (6D10006-04) Soil									
% Moisture	3.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-5 5' (6D10006-05) Soil									
% Moisture	2.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-5 10' (6D10006-06) Soil									
% Moisture	3.6	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-5 15' (6D10006-07) Soil									
% Moisture	10.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-5 25' (6D10006-08) Soil									
% Moisture	12.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-3 5' (6D10006-09) Soil									
% Moisture	5.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-3 10' (6D10006-10) Soil									
% Moisture	5.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-3 15' (6D10006-11) Soil									
% Moisture	5.6	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 25' (6D10006-12) Soil									
% Moisture	5.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-2 5' (6D10006-13) Soil									
% Moisture	13.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-2 10' (6D10006-14) Soil									
% Moisture	2.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-2 15' (6D10006-15) Soil									
% Moisture	3.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-2 25' (6D10006-16) Soil									
% Moisture	5.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-6 5' (6D10006-17) Soil									
% Moisture	6.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-6 10' (6D10006-18) Soil									
% Moisture	1.8	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-6 15' (6D10006-19) Soil									
% Moisture	2.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-6 25' (6D10006-20) Soil									
% Moisture	2.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-6 30' (6D10006-21) Soil									
% Moisture	4.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-7 5' (6D10006-22) Soil									
% Moisture	9.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 10' (6D10006-23) Soil									
% Moisture	2.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-7 15' (6D10006-24) Soil									
% Moisture	5.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-7 25' (6D10006-25) Soil									
% Moisture	2.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-7 30' (6D10006-26) Soil									
% Moisture	2.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-8 5' (6D10006-27) Soil									
% Moisture	5.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-8 10' (6D10006-28) Soil									
% Moisture	2.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-8 15' (6D10006-29) Soil									
% Moisture	3.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-8 25' (6D10006-30) Soil									
% Moisture	5.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-8 30' (6D10006-31) Soil									
% Moisture	4.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-9 5' (6D10006-32) Soil									
% Moisture	11.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-9 10' (6D10006-33) Soil									
% Moisture	0.8	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-9 15' (6D10006-34) Soil									
% Moisture	2.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-9 25' (6D10006-35) Soil									
% Moisture	3.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-9 30' (6D10006-36) Soil									
% Moisture	3.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-10 5' (6D10006-37) Soil									
% Moisture	10.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-10 10' (6D10006-38) Soil									
% Moisture	4.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-10 20' (6D10006-39) Soil									
% Moisture	1.8	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-10 30' (6D10006-40) Soil									
% Moisture	3.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-10 40' (6D10006-41) Soil									
% Moisture	3.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-11 5' (6D10006-42) Soil									
% Moisture	9.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-11 10' (6D10006-43) Soil									
% Moisture	5.6	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-11 15' (6D10006-44) Soil									
% Moisture	2.8	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-11 20' (6D10006-45) Soil									
% Moisture	3.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-11 25' (6D10006-46) Soil									
% Moisture	5.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-11 30' (6D10006-47) Soil									
% Moisture	4.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
SB-11 40' (6D10006-48) Soil									
% Moisture	4.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 5' (6D10006-49) Soil									
% Moisture	9.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 10' (6D10006-50) Soil									
% Moisture	7.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 20' (6D10006-51) Soil									
% Moisture	1.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 25' (6D10006-52) Soil									
% Moisture	2.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 30' (6D10006-53) Soil									
% Moisture	4.8	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 35' (6D10006-54) Soil									
% Moisture	4.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 45' (6D10006-55) Soil									
% Moisture	3.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 55' (6D10006-56) Soil									
% Moisture	3.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 75' (6D10006-57) Soil									
% Moisture	2.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 85' (6D10006-58) Soil									
% Moisture	2.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-1 90' (6D10006-59) Soil									
% Moisture	4.2	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 5' (6D10006-60) Soil									
% Moisture	6.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 10' (6D10006-61) Soil									
% Moisture	8.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 20' (6D10006-62) Soil									
% Moisture	3.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 25' (6D10006-63) Soil									
% Moisture	3.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 30' (6D10006-64) Soil									
% Moisture	3.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 35' (6D10006-65) Soil									
% Moisture	3.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 45' (6D10006-66) Soil									
% Moisture	4.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-2 55' (6D10006-67) Soil									
% Moisture	4.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 75' (6D10006-68) Soil									
% Moisture	2.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 85' (6D10006-69) Soil									
% Moisture	2.7	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-2 90' (6D10006-70) Soil									
% Moisture	7.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 5' (6D10006-71) Soil									
% Moisture	5.3	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 10' (6D10006-72) Soil									
% Moisture	7.9	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 20' (6D10006-73) Soil									
% Moisture	2.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 25' (6D10006-74) Soil									
% Moisture	3.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 30' (6D10006-75) Soil									
% Moisture	4.5	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 35' (6D10006-76) Soil									
% Moisture	5.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 45' (6D10006-77) Soil									
% Moisture	3.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

Environmental Lab of Texas

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Plains All American EH & S
1301 S. County Road 1150
Midland TX, 79706-4476

Project: Frisco Skelly
Project Number: 2004-00196
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
04/19/06 13:13

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 55' (6D10006-78) Soil									
% Moisture	4.0	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 75' (6D10006-79) Soil									
% Moisture	2.8	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 85' (6D10006-80) Soil									
% Moisture	7.1	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	
MW-3 90' (6D10006-81) Soil									
% Moisture	6.4	0.1	%	1	ED61104	04/10/06	04/11/06	% calculation	

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED61005 - EPA 5030C (GC)										
Blank (ED61005-BLK1)										
Prepared & Analyzed: 04/09/06										
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	46.4		ug/kg	40.0		116	80-120			
Surrogate: 4-Bromofluorobenzene	37.0		"	40.0		92.5	80-120			
LCS (ED61005-BS1)										
Prepared: 04/09/06 Analyzed: 04/10/06										
Benzene	1.36	0.0250	mg/kg wet	1.25		109	80-120			
Toluene	1.43	0.0250	"	1.25		114	80-120			
Ethylbenzene	1.35	0.0250	"	1.25		108	80-120			
Xylene (p/m)	2.97	0.0250	"	2.50		119	80-120			
Xylene (o)	1.49	0.0250	"	1.25		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	43.8		ug/kg	40.0		110	80-120			
Surrogate: 4-Bromofluorobenzene	35.2		"	40.0		88.0	80-120			
Calibration Check (ED61005-CCV1)										
Prepared: 04/09/06 Analyzed: 04/10/06										
Benzene	59.5		ug/kg	50.0		119	80-120			
Toluene	60.0		"	50.0		120	80-120			
Ethylbenzene	57.7		"	50.0		115	80-120			
Xylene (p/m)	119		"	100		119	80-120			
Xylene (o)	58.4		"	50.0		117	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.5		"	40.0		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	34.0		"	40.0		85.0	80-120			
Matrix Spike (ED61005-MS1)										
Source: 6D10006-10 Prepared: 04/09/06 Analyzed: 04/10/06										
Benzene	1.51	0.0250	mg/kg dry	1.32	ND	114	80-120			
Toluene	1.54	0.0250	"	1.32	ND	117	80-120			
Ethylbenzene	1.47	0.0250	"	1.32	ND	111	80-120			
Xylene (p/m)	3.12	0.0250	"	2.64	ND	118	80-120			
Xylene (o)	1.46	0.0250	"	1.32	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	43.2		ug/kg	40.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	40.1		"	40.0		100	80-120			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61005 - EPA 5030C (GC)

Matrix Spike Dup (ED61005-MSD1)

Source: 6D10006-10

Prepared: 04/09/06 Analyzed: 04/10/06

Benzene	1.42	0.0250	mg/kg dry	1.32	ND	108	80-120	5.41	20	
Toluene	1.50	0.0250	"	1.32	ND	114	80-120	2.60	20	
Ethylbenzene	1.48	0.0250	"	1.32	ND	112	80-120	0.897	20	
Xylene (p/m)	3.14	0.0250	"	2.64	ND	119	80-120	0.844	20	
Xylene (o)	1.53	0.0250	"	1.32	ND	116	80-120	4.41	20	
Surrogate: a,a,a-Trifluorotoluene	41.6		ug/kg	40.0		104	80-120			
Surrogate: 4-Bromofluorobenzene	40.3		"	40.0		101	80-120			

Batch ED61011 - Solvent Extraction (GC)

Blank (ED61011-BLK1)

Prepared & Analyzed: 04/10/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	41.3		mg/kg	50.0		82.6	70-130			
Surrogate: 1-Chlorooctadecane	43.2		"	50.0		86.4	70-130			

LCS (ED61011-BS1)

Prepared & Analyzed: 04/10/06

Carbon Ranges C6-C12	551	10.0	mg/kg wet	500		110	75-125			
Carbon Ranges C12-C28	512	10.0	"	500		102	75-125			
Total Hydrocarbon C6-C35	1060	10.0	"	1000		106	75-125			
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	45.1		"	50.0		90.2	70-130			

Calibration Check (ED61011-CCV1)

Prepared: 04/10/06 Analyzed: 04/11/06

Carbon Ranges C6-C12	280		mg/kg	250		112	80-120			
Carbon Ranges C12-C28	295		"	250		118	80-120			
Total Hydrocarbon C6-C35	575		"	500		115	80-120			
Surrogate: 1-Chlorooctane	48.0		"	50.0		96.0	70-130			
Surrogate: 1-Chlorooctadecane	44.6		"	50.0		89.2	70-130			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61011 - Solvent Extraction (GC)

Matrix Spike (ED61011-MS1)		Source: 6D10005-01			Prepared & Analyzed: 04/10/06					
Carbon Ranges C6-C12	579	10.0	mg/kg dry	502	ND	115	75-125			
Carbon Ranges C12-C28	564	10.0	"	502	28.4	107	75-125			
Total Hydrocarbon C6-C35	1140	10.0	"	1000	28.4	111	75-125			
Surrogate: 1-Chlorooctane	52.0		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	47.3		"	50.0		94.6	70-130			

Matrix Spike Dup (ED61011-MSD1)		Source: 6D10005-01			Prepared: 04/10/06 Analyzed: 04/11/06					
Carbon Ranges C6-C12	580	10.0	mg/kg dry	502	ND	116	75-125	0.173	20	
Carbon Ranges C12-C28	572	10.0	"	502	28.4	108	75-125	1.41	20	
Total Hydrocarbon C6-C35	1150	10.0	"	1000	28.4	112	75-125	0.873	20	
Surrogate: 1-Chlorooctane	52.5		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	46.5		"	50.0		93.0	70-130			

Batch ED61102 - EPA 5030C (GC)

Blank (ED61102-BLK1)		Prepared & Analyzed: 04/11/06								
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	35.9		ug/kg	40.0		89.8	80-120			
Surrogate: 4-Bromofluorobenzene	32.9		"	40.0		82.2	80-120			

LCS (ED61102-BS1)		Prepared & Analyzed: 04/11/06								
Benzene	1.42	0.0250	mg/kg wet	1.25		114	80-120			
Toluene	1.48	0.0250	"	1.25		118	80-120			
Ethylbenzene	1.36	0.0250	"	1.25		109	80-120			
Xylene (p/m)	3.00	0.0250	"	2.50		120	80-120			
Xylene (o)	1.41	0.0250	"	1.25		113	80-120			
Surrogate: a,a,a-Trifluorotoluene	38.8		ug/kg	40.0		97.0	80-120			
Surrogate: 4-Bromofluorobenzene	38.9		"	40.0		97.2	80-120			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61102 - EPA 5030C (GC)

Calibration Check (ED61102-CCV1)

Prepared & Analyzed: 04/11/06

Benzene	59.5		ug/kg	50.0		119	80-120			
Toluene	60.0		"	50.0		120	80-120			
Ethylbenzene	57.7		"	50.0		115	80-120			
Xylene (p/m)	119		"	100		119	80-120			
Xylene (o)	58.4		"	50.0		117	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.5		"	40.0		93.8	80-120			
Surrogate: 4-Bromofluorobenzene	34.0		"	40.0		85.0	80-120			

Matrix Spike (ED61102-MS1)

Source: 6D10006-11

Prepared & Analyzed: 04/11/06

Benzene	1.51	0.0250	mg/kg dry	1.32	ND	114	80-120			
Toluene	1.54	0.0250	"	1.32	ND	117	80-120			
Ethylbenzene	1.52	0.0250	"	1.32	ND	115	80-120			
Xylene (p/m)	3.15	0.0250	"	2.65	ND	119	80-120			
Xylene (o)	1.58	0.0250	"	1.32	ND	120	80-120			
Surrogate: a,a,a-Trifluorotoluene	41.9		ug/kg	40.0		105	80-120			
Surrogate: 4-Bromofluorobenzene	38.0		"	40.0		95.0	80-120			

Matrix Spike Dup (ED61102-MSD1)

Source: 6D10006-11

Prepared & Analyzed: 04/11/06

Benzene	1.49	0.0250	mg/kg dry	1.32	ND	113	80-120	0.881	20	
Toluene	1.53	0.0250	"	1.32	ND	116	80-120	0.858	20	
Ethylbenzene	1.47	0.0250	"	1.32	ND	111	80-120	3.54	20	
Xylene (p/m)	3.14	0.0250	"	2.65	ND	118	80-120	0.844	20	
Xylene (o)	1.54	0.0250	"	1.32	ND	117	80-120	2.53	20	
Surrogate: a,a,a-Trifluorotoluene	43.2		ug/kg	40.0		108	80-120			
Surrogate: 4-Bromofluorobenzene	40.2		"	40.0		100	80-120			

Batch ED61113 - Solvent Extraction (GC)

Blank (ED61113-BLK1)

Prepared & Analyzed: 04/11/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	43.7		mg/kg	50.0		87.4	70-130			
Surrogate: 1-Chlorooctadecane	45.4		"	50.0		90.8	70-130			

Environmental Lab of Texas

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Plains All American EH & S
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Project: Frisco Skelly
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 Project Manager: Camille Reynolds

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61113 - Solvent Extraction (GC)

LCS (ED61113-BS1)

Prepared & Analyzed: 04/11/06

Carbon Ranges C6-C12	549	10.0	mg/kg wet	500		110	75-125			
Carbon Ranges C12-C28	540	10.0	"	500		108	75-125			
Total Hydrocarbon C6-C35	1090	10.0	"	1000		109	75-125			
Surrogate: 1-Chlorooctane	53.3		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	45.5		"	50.0		91.0	70-130			

Calibration Check (ED61113-CCV1)

Prepared: 04/11/06 Analyzed: 04/12/06

Carbon Ranges C6-C12	258		mg/kg	250		103	80-120			
Carbon Ranges C12-C28	297		"	250		119	80-120			
Total Hydrocarbon C6-C35	555		"	500		111	80-120			
Surrogate: 1-Chlorooctane	44.6		"	50.0		89.2	70-130			
Surrogate: 1-Chlorooctadecane	42.1		"	50.0		84.2	70-130			

Matrix Spike (ED61113-MS1)

Source: 6D10006-20

Prepared & Analyzed: 04/11/06

Carbon Ranges C6-C12	600	10.0	mg/kg dry	512	ND	117	75-125			
Carbon Ranges C12-C28	589	10.0	"	512	ND	115	75-125			
Total Hydrocarbon C6-C35	1190	10.0	"	1020	ND	117	75-125			
Surrogate: 1-Chlorooctane	59.3		mg/kg	50.0		119	70-130			
Surrogate: 1-Chlorooctadecane	55.8		"	50.0		112	70-130			

Matrix Spike Dup (ED61113-MSD1)

Source: 6D10006-20

Prepared & Analyzed: 04/11/06

Carbon Ranges C6-C12	523	10.0	mg/kg dry	512	ND	102	75-125	13.7	20	
Carbon Ranges C12-C28	594	10.0	"	512	ND	116	75-125	0.845	20	
Total Hydrocarbon C6-C35	1120	10.0	"	1020	ND	110	75-125	6.06	20	
Surrogate: 1-Chlorooctane	60.0		mg/kg	50.0		120	70-130			
Surrogate: 1-Chlorooctadecane	56.6		"	50.0		113	70-130			

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 04/19/06 13:13

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61114 - Solvent Extraction (GC)

Blank (ED61114-BLK1)										
					Prepared: 04/11/06 Analyzed: 04/12/06					
Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	53.2		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	54.0		"	50.0		108	70-130			

LCS (ED61114-BS1)										
					Prepared: 04/11/06 Analyzed: 04/13/06					
Carbon Ranges C6-C12	600	10.0	mg/kg wet	500		120	75-125			
Carbon Ranges C12-C28	586	10.0	"	500		117	75-125			
Total Hydrocarbon C6-C35	1190	10.0	"	1000		119	75-125			
Surrogate: 1-Chlorooctane	62.0		mg/kg	50.0		124	70-130			
Surrogate: 1-Chlorooctadecane	49.9		"	50.0		99.8	70-130			

Calibration Check (ED61114-CCV1)										
					Prepared: 04/11/06 Analyzed: 04/12/06					
Carbon Ranges C6-C12	255		mg/kg	250		102	80-120			
Carbon Ranges C12-C28	299		"	250		120	80-120			
Total Hydrocarbon C6-C35	554		"	500		111	80-120			
Surrogate: 1-Chlorooctane	44.8		"	50.0		89.6	70-130			
Surrogate: 1-Chlorooctadecane	42.7		"	50.0		85.4	70-130			

Matrix Spike (ED61114-MS1)										
			Source: 6D10006-40		Prepared: 04/11/06 Analyzed: 04/12/06					
Carbon Ranges C6-C12	559	10.0	mg/kg dry	517	ND	108	75-125			
Carbon Ranges C12-C28	557	10.0	"	517	ND	108	75-125			
Total Hydrocarbon C6-C35	1120	10.0	"	1030	ND	109	75-125			
Surrogate: 1-Chlorooctane	60.9		mg/kg	50.0		122	70-130			
Surrogate: 1-Chlorooctadecane	53.4		"	50.0		107	70-130			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61114 - Solvent Extraction (GC)

Matrix Spike Dup (ED61114-MSD1)	Source: 6D10006-40	Prepared: 04/11/06	Analyzed: 04/12/06						
Carbon Ranges C6-C12	547	10.0	mg/kg dry	517	ND	106	75-125	2.17	20
Carbon Ranges C12-C28	539	10.0	"	517	ND	104	75-125	3.28	20
Total Hydrocarbon C6-C35	1090	10.0	"	1030	ND	106	75-125	2.71	20
Surrogate: 1-Chlorooctane	59.7		mg/kg	50.0		119	70-130		
Surrogate: 1-Chlorooctadecane	52.3		"	50.0		105	70-130		

Batch ED61214 - EPA 5030C (GC)

Blank (ED61214-BLK1)	Prepared & Analyzed: 04/12/06
Benzene	ND 0.0250 mg/kg wet
Toluene	ND 0.0250 "
Ethylbenzene	ND 0.0250 "
Xylene (p/m)	ND 0.0250 "
Xylene (o)	ND 0.0250 "
Surrogate: a,a,a-Trifluorotoluene	37.0 ug/kg 40.0 92.5 80-120
Surrogate: 4-Bromofluorobenzene	33.2 " 40.0 83.0 80-120

LCS (ED61214-BS1)	Prepared & Analyzed: 04/12/06
Benzene	1.31 0.0250 mg/kg wet 1.25 105 80-120
Toluene	1.41 0.0250 " 1.25 113 80-120
Ethylbenzene	1.30 0.0250 " 1.25 104 80-120
Xylene (p/m)	3.00 0.0250 " 2.50 120 80-120
Xylene (o)	1.50 0.0250 " 1.25 120 80-120
Surrogate: a,a,a-Trifluorotoluene	41.1 ug/kg 40.0 103 80-120
Surrogate: 4-Bromofluorobenzene	37.8 " 40.0 94.5 80-120

Calibration Check (ED61214-CCV1)	Prepared & Analyzed: 04/12/06
Benzene	57.8 ug/kg 50.0 116 80-120
Toluene	57.5 " 50.0 115 80-120
Ethylbenzene	55.8 " 50.0 112 80-120
Xylene (p/m)	113 " 100 113 80-120
Xylene (o)	58.0 " 50.0 116 80-120
Surrogate: a,a,a-Trifluorotoluene	44.2 " 40.0 110 80-120
Surrogate: 4-Bromofluorobenzene	42.8 " 40.0 107 80-120

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61214 - EPA 5030C (GC)

Matrix Spike (ED61214-MS1)

Source: 6D10006-39

Prepared: 04/12/06 Analyzed: 04/13/06

Benzene	1.33	0.0250	mg/kg dry	1.27	ND	105	80-120			
Toluene	1.40	0.0250	"	1.27	ND	110	80-120			
Ethylbenzene	1.28	0.0250	"	1.27	ND	101	80-120			
Xylene (p/m)	2.97	0.0250	"	2.55	ND	116	80-120			
Xylene (o)	1.45	0.0250	"	1.27	ND	114	80-120			
Surrogate: a,a,q-Trifluorotoluene	42.3		ug/kg	40.0		106	80-120			
Surrogate: 4-Bromofluorobenzene	36.0		"	40.0		90.0	80-120			

Matrix Spike Dup (ED61214-MSD1)

Source: 6D10006-39

Prepared: 04/12/06 Analyzed: 04/13/06

Benzene	1.35	0.0250	mg/kg dry	1.27	ND	106	80-120	0.948	20	
Toluene	1.44	0.0250	"	1.27	ND	113	80-120	2.69	20	
Ethylbenzene	1.31	0.0250	"	1.27	ND	103	80-120	1.96	20	
Xylene (p/m)	3.02	0.0250	"	2.55	ND	118	80-120	1.71	20	
Xylene (o)	1.51	0.0250	"	1.27	ND	119	80-120	4.29	20	
Surrogate: a,a,q-Trifluorotoluene	40.4		ug/kg	40.0		101	80-120			
Surrogate: 4-Bromofluorobenzene	38.6		"	40.0		96.5	80-120			

Batch ED61215 - Solvent Extraction (GC)

Blank (ED61215-BLK1)

Prepared & Analyzed: 04/12/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.4	70-130			
Surrogate: 1-Chlorooctadecane	40.4		"	50.0		80.8	70-130			

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Project: Frisco Skelly
 Project Number: 2004-00196
 Project Manager: Camille Reynolds

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61215 - Solvent Extraction (GC)

LCS (ED61215-BS1)

Prepared & Analyzed: 04/12/06

Carbon Ranges C6-C12	498	10.0	mg/kg wet	500		99.6	75-125			
Carbon Ranges C12-C28	498	10.0	"	500		99.6	75-125			
Total Hydrocarbon C6-C35	996	10.0	"	1000		99.6	75-125			
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	70-130			
Surrogate: 1-Chlorooctadecane	40.1		"	50.0		80.2	70-130			

Calibration Check (ED61215-CCV1)

Prepared: 04/12/06 Analyzed: 04/13/06

Carbon Ranges C6-C12	261		mg/kg	250		104	80-120			
Carbon Ranges C12-C28	296		"	250		118	80-120			
Total Hydrocarbon C6-C35	557		"	500		111	80-120			
Surrogate: 1-Chlorooctane	45.5		"	50.0		91.0	70-130			
Surrogate: 1-Chlorooctadecane	42.4		"	50.0		84.8	70-130			

Matrix Spike (ED61215-MS1)

Source: 6D10006-79

Prepared & Analyzed: 04/12/06

Carbon Ranges C6-C12	486	10.0	mg/kg dry	514	ND	94.6	75-125			
Carbon Ranges C12-C28	491	10.0	"	514	ND	95.5	75-125			
Total Hydrocarbon C6-C35	977	10.0	"	1030	ND	94.9	75-125			
Surrogate: 1-Chlorooctane	54.1		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	45.7		"	50.0		91.4	70-130			

Matrix Spike Dup (ED61215-MSD1)

Source: 6D10006-79

Prepared & Analyzed: 04/12/06

Carbon Ranges C6-C12	486	10.0	mg/kg dry	514	ND	94.6	75-125	0.00	20	
Carbon Ranges C12-C28	489	10.0	"	514	ND	95.1	75-125	0.408	20	
Total Hydrocarbon C6-C35	975	10.0	"	1030	ND	94.7	75-125	0.205	20	
Surrogate: 1-Chlorooctane	53.8		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	44.6		"	50.0		89.2	70-130			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61216 - Solvent Extraction (GC)

Blank (ED61216-BLK1)

Prepared: 04/12/06 Analyzed: 04/13/06

Carbon Ranges C6-C12	ND	10.0	mg/kg wet							
Carbon Ranges C12-C28	ND	10.0	"							
Carbon Ranges C28-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	39.7		mg/kg	50.0		79.4	70-130			
Surrogate: 1-Chlorooctadecane	41.8		"	50.0		83.6	70-130			

LCS (ED61216-BS1)

Prepared: 04/12/06 Analyzed: 04/13/06

Carbon Ranges C6-C12	525	10.0	mg/kg wet	500		105	75-125			
Carbon Ranges C12-C28	517	10.0	"	500		103	75-125			
Total Hydrocarbon C6-C35	1040	10.0	"	1000		104	75-125			
Surrogate: 1-Chlorooctane	52.6		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	42.9		"	50.0		85.8	70-130			

Calibration Check (ED61216-CCV1)

Prepared: 04/12/06 Analyzed: 04/13/06

Carbon Ranges C6-C12	260		mg/kg	250		104	80-120			
Carbon Ranges C12-C28	299		"	250		120	80-120			
Total Hydrocarbon C6-C35	559		"	500		112	80-120			
Surrogate: 1-Chlorooctane	46.1		"	50.0		92.2	70-130			
Surrogate: 1-Chlorooctadecane	43.9		"	50.0		87.8	70-130			

Matrix Spike (ED61216-MS1)

Source: 6D10006-80

Prepared: 04/12/06 Analyzed: 04/13/06

Carbon Ranges C6-C12	515	10.0	mg/kg dry	538	ND	95.7	75-125			
Carbon Ranges C12-C28	505	10.0	"	538	ND	93.9	75-125			
Total Hydrocarbon C6-C35	1020	10.0	"	1080	ND	94.4	75-125			
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	45.8		"	50.0		91.6	70-130			

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Organics by GC - Quality Control
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61216 - Solvent Extraction (GC)

Matrix Spike Dup (ED61216-MSD1)		Source: 6D10006-80		Prepared: 04/12/06		Analyzed: 04/13/06				
Carbon Ranges C6-C12	505	10.0	mg/kg dry	538	ND	93.9	75-125	1.96	20	
Carbon Ranges C12-C28	505	10.0	"	538	ND	93.9	75-125	0.00	20	
Total Hydrocarbon C6-C35	1010	10.0	"	1080	ND	93.5	75-125	0.985	20	
Surrogate: 1-Chlorooctane	53.5		mg/kg	50.0		107	70-130			
Surrogate: 1-Chlorooctadecane	43.9		"	50.0		87.8	70-130			

Batch ED61307 - EPA 5030C (GC)

Blank (ED61307-BLK1)				Prepared & Analyzed: 04/13/06						
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	38.2		ug/kg	40.0		95.5	80-120			
Surrogate: 4-Bromofluorobenzene	34.3		"	40.0		85.8	80-120			

LCS (ED61307-BS1)

				Prepared & Analyzed: 04/13/06						
Benzene	1.29	0.0250	mg/kg wet	1.25		103	80-120			
Toluene	1.38	0.0250	"	1.25		110	80-120			
Ethylbenzene	1.34	0.0250	"	1.25		107	80-120			
Xylene (p/m)	2.98	0.0250	"	2.50		119	80-120			
Xylene (o)	1.47	0.0250	"	1.25		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	39.8		ug/kg	40.0		99.5	80-120			
Surrogate: 4-Bromofluorobenzene	38.6		"	40.0		96.5	80-120			

Calibration Check (ED61307-CCV1)

				Prepared: 04/13/06		Analyzed: 04/14/06				
Benzene	53.0		ug/kg	50.0		106	80-120			
Toluene	53.3		"	50.0		107	80-120			
Ethylbenzene	52.4		"	50.0		105	80-120			
Xylene (p/m)	107		"	100		107	80-120			
Xylene (o)	55.2		"	50.0		110	80-120			
Surrogate: a,a,a-Trifluorotoluene	38.0		"	40.0		95.0	80-120			
Surrogate: 4-Bromofluorobenzene	40.3		"	40.0		101	80-120			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61307 - EPA 5030C (GC)

Matrix Spike (ED61307-MS1)		Source: 6D10006-37		Prepared: 04/13/06		Analyzed: 04/14/06	
Benzene	1.45	0.0250	mg/kg dry	1.39	ND	104	80-120
Toluene	1.52	0.0250	"	1.39	ND	109	80-120
Ethylbenzene	1.39	0.0250	"	1.39	ND	100	80-120
Xylene (p/m)	3.21	0.0250	"	2.78	ND	115	80-120
Xylene (o)	1.57	0.0250	"	1.39	ND	113	80-120
<i>Surrogate: a,a,a-Trifluorotoluene</i>	40.5		ug/kg	40.0		101	80-120
<i>Surrogate: 4-Bromofluorobenzene</i>	35.1		"	40.0		87.8	80-120

Matrix Spike Dup (ED61307-MSD1)		Source: 6D10006-37		Prepared: 04/13/06		Analyzed: 04/14/06			
Benzene	1.43	0.0250	mg/kg dry	1.39	ND	103	80-120	0.966	20
Toluene	1.52	0.0250	"	1.39	ND	109	80-120	0.00	20
Ethylbenzene	1.34	0.0250	"	1.39	ND	96.4	80-120	3.67	20
Xylene (p/m)	3.24	0.0250	"	2.78	ND	117	80-120	1.72	20
Xylene (o)	1.56	0.0250	"	1.39	ND	112	80-120	0.889	20
<i>Surrogate: a,a,a-Trifluorotoluene</i>	41.8		ug/kg	40.0		104	80-120		
<i>Surrogate: 4-Bromofluorobenzene</i>	36.5		"	40.0		91.2	80-120		

Batch ED61406 - EPA 5030C (GC)

Blank (ED61406-BLK1)				Prepared: 04/13/06		Analyzed: 04/14/06	
Benzene	ND	0.0250	mg/kg wet				
Toluene	ND	0.0250	"				
Ethylbenzene	ND	0.0250	"				
Xylene (p/m)	ND	0.0250	"				
Xylene (o)	ND	0.0250	"				
<i>Surrogate: a,a,a-Trifluorotoluene</i>	36.9		ug/kg	40.0		92.2	80-120
<i>Surrogate: 4-Bromofluorobenzene</i>	33.2		"	40.0		83.0	80-120

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61406 - EPA 5030C (GC)

LCS (ED61406-BS1)

Prepared: 04/13/06 Analyzed: 04/14/06

Benzene	1.27	0.0250	mg/kg wet	1.25		102	80-120			
Toluene	1.38	0.0250	"	1.25		110	80-120			
Ethylbenzene	1.34	0.0250	"	1.25		107	80-120			
Xylene (p/m)	2.96	0.0250	"	2.50		118	80-120			
Xylene (o)	1.49	0.0250	"	1.25		119	80-120			
Surrogate: a,a,a-Trifluorotoluene	40.3		ug/kg	40.0		101	80-120			
Surrogate: 4-Bromofluorobenzene	38.9		"	40.0		97.2	80-120			

Calibration Check (ED61406-CCV1)

Prepared: 04/13/06 Analyzed: 04/17/06

Benzene	45.4		ug/kg	50.0		90.8	80-120			
Toluene	44.2		"	50.0		88.4	80-120			
Ethylbenzene	48.7		"	50.0		97.4	80-120			
Xylene (p/m)	98.3		"	100		98.3	80-120			
Xylene (o)	50.9		"	50.0		102	80-120			
Surrogate: a,a,a-Trifluorotoluene	32.8		"	40.0		82.0	80-120			
Surrogate: 4-Bromofluorobenzene	37.6		"	40.0		94.0	80-120			

Matrix Spike (ED61406-MS1)

Source: 6D10006-53

Prepared: 04/13/06 Analyzed: 04/14/06

Benzene	1.26	0.0250	mg/kg dry	1.31	ND	96.2	80-120			
Toluene	1.35	0.0250	"	1.31	ND	103	80-120			
Ethylbenzene	1.31	0.0250	"	1.31	ND	100	80-120			
Xylene (p/m)	2.93	0.0250	"	2.63	ND	111	80-120			
Xylene (o)	1.46	0.0250	"	1.31	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.7		ug/kg	40.0		94.2	80-120			
Surrogate: 4-Bromofluorobenzene	36.0		"	40.0		90.0	80-120			

Matrix Spike Dup (ED61406-MSD1)

Source: 6D10006-53

Prepared: 04/13/06 Analyzed: 04/14/06

Benzene	1.33	0.0250	mg/kg dry	1.31	ND	102	80-120	5.85	20	
Toluene	1.36	0.0250	"	1.31	ND	104	80-120	0.966	20	
Ethylbenzene	1.30	0.0250	"	1.31	ND	99.2	80-120	0.803	20	
Xylene (p/m)	2.93	0.0250	"	2.63	ND	111	80-120	0.00	20	
Xylene (o)	1.44	0.0250	"	1.31	ND	110	80-120	0.905	20	
Surrogate: a,a,a-Trifluorotoluene	41.2		ug/kg	40.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	38.4		"	40.0		96.0	80-120			

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

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 Project Manager: Camille Reynolds

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61701 - EPA 5030C (GC)

Blank (ED61701-BLK1)

Prepared & Analyzed: 04/17/06

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	34.3		ug/kg	40.0		85.8	80-120			
Surrogate: 4-Bromofluorobenzene	39.5		"	40.0		98.8	80-120			

LCS (ED61701-BS1)

Prepared & Analyzed: 04/17/06

Benzene	1.17	0.0250	mg/kg wet	1.25		93.6	80-120			
Toluene	1.17	0.0250	"	1.25		93.6	80-120			
Ethylbenzene	1.28	0.0250	"	1.25		102	80-120			
Xylene (p/m)	2.92	0.0250	"	2.50		117	80-120			
Xylene (o)	1.47	0.0250	"	1.25		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	34.2		ug/kg	40.0		85.5	80-120			
Surrogate: 4-Bromofluorobenzene	44.5		"	40.0		111	80-120			

Calibration Check (ED61701-CCV1)

Prepared & Analyzed: 04/17/06

Benzene	55.6		ug/kg	50.0		111	80-120			
Toluene	55.3		"	50.0		111	80-120			
Ethylbenzene	59.3		"	50.0		119	80-120			
Xylene (p/m)	120		"	100		120	80-120			
Xylene (o)	57.8		"	50.0		116	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.2		"	40.0		93.0	80-120			
Surrogate: 4-Bromofluorobenzene	40.6		"	40.0		102	80-120			

Matrix Spike (ED61701-MS1)

Source: 6D10006-73

Prepared & Analyzed: 04/17/06

Benzene	1.26	0.0250	mg/kg dry	1.28	ND	98.4	80-120			
Toluene	1.32	0.0250	"	1.28	ND	103	80-120			
Ethylbenzene	1.39	0.0250	"	1.28	ND	109	80-120			
Xylene (p/m)	3.04	0.0250	"	2.55	ND	119	80-120			
Xylene (o)	1.47	0.0250	"	1.28	ND	115	80-120			
Surrogate: a,a,a-Trifluorotoluene	37.7		ug/kg	40.0		94.2	80-120			
Surrogate: 4-Bromofluorobenzene	38.8		"	40.0		97.0	80-120			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch ED61701 - EPA 5030C (GC)

Matrix Spike Dup (ED61701-MSD1)

Source: 6D10006-73

Prepared & Analyzed: 04/17/06

Benzene	1.30	0.0250	mg/kg dry	1.28	ND	102	80-120	3.59	20	
Toluene	1.36	0.0250	"	1.28	ND	106	80-120	2.87	20	
Ethylbenzene	1.44	0.0250	"	1.28	ND	112	80-120	2.71	20	
Xylene (p/m)	3.04	0.0250	"	2.55	ND	119	80-120	0.00	20	
Xylene (o)	1.50	0.0250	"	1.28	ND	117	80-120	1.72	20	
Surrogate: <i>a,a,a</i> -Trifluorotoluene	37.8		ug/kg	40.0		94.5	80-120			
Surrogate: 4-Bromofluorobenzene	41.0		"	40.0		102	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch ED61104 - General Preparation (Prep)										
Blank (ED61104-BLK1)										Prepared: 04/10/06 Analyzed: 04/11/06
% Solids	100		%							
Duplicate (ED61104-DUP1)		Source: 6D10006-01								Prepared: 04/10/06 Analyzed: 04/11/06
% Solids	98.0		%		98.9			0.914	20	
Duplicate (ED61104-DUP2)		Source: 6D10006-21								Prepared: 04/10/06 Analyzed: 04/11/06
% Solids	95.5		%		95.7			0.209	20	
Duplicate (ED61104-DUP3)		Source: 6D10006-41								Prepared: 04/10/06 Analyzed: 04/11/06
% Solids	96.5		%		96.3			0.207	20	
Duplicate (ED61104-DUP4)		Source: 6D10006-61								Prepared: 04/10/06 Analyzed: 04/11/06
% Solids	91.5		%		91.7			0.218	20	
Duplicate (ED61104-DUP5)		Source: 6D10006-81								Prepared: 04/10/06 Analyzed: 04/11/06
% Solids	93.1		%		93.6			0.536	20	

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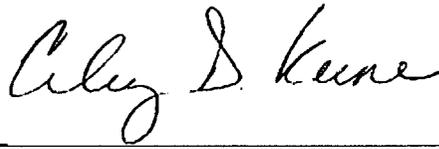
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Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:  Date: 4/19/2006

Raland K. Tuttle, Lab Manager
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Environmental Lab of Texas
 Variance / Corrective Action Report – Sample Log-In

Client: Plains / Bosch
 Date/Time: 4/10/06
 Order #: 6D10006
 Initials: CK

Sample Receipt Checklist

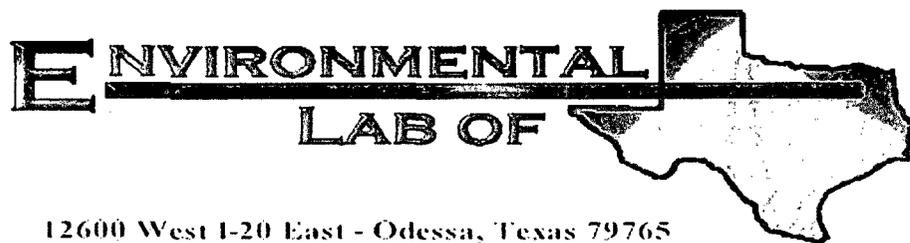
	Yes	No	
Temperature of container/cooler?			25 C
Cooling container/cooler in good condition?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Custody Seals intact on shipping container/cooler?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not present
Custody Seals intact on sample bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not present
Chain of custody present?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample Instructions complete on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Chain of Custody signed when relinquished and received?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Chain of custody agrees with sample label(s)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Container labels legible and intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Leaks in proper container/bottle?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Samples properly preserved?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sample bottles intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Observations documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Containers documented on Chain of Custody?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sufficient sample amount for indicated test?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Samples received within sufficient hold time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
VOC samples have zero headspace?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Not Applicable

Other observations:

Variance Documentation:

Contact Person: _____ Date/Time: _____ Contacted by: _____
 Regarding: _____

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Ken Dutton

Basin Environmental Services

P.O. Box 301

Lovington, NM 88260

Project: Friscoe Skelly #1

Project Number: EMS: 2004-00196

Location: Lea County, NM

Lab Order Number: 4K12006

Report Date: 11/22/04

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/22/04 08:02

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
South Wall @ 12'	4K12006-01	Soil	11/11/04 15:45	11/12/04 12:45
North Wall @ 15.5'	4K12006-02	Soil	11/11/04 15:45	11/12/04 12:45
East Wall @ 12'	4K12006-03	Soil	11/11/04 15:45	11/12/04 12:45
West Wall @ 12'	4K12006-04	Soil	11/11/04 15:45	11/12/04 12:45

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
South Wall @ 12' (4K12006-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41813	11/12/04	11/15/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		86.9 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK41204	11/12/04	11/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		124 %	70-130		"	"	"	"	
North Wall @ 15.5' (4K12006-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41813	11/12/04	11/18/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		91.6 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK41204	11/12/04	11/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		111 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		129 %	70-130		"	"	"	"	
East Wall @ 12' (4K12006-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41813	11/12/04	11/15/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		94.8 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		106 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	16.5	10.0	mg/kg dry	1	EK41204	11/12/04	11/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	72.7	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	89.2	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Environmental Lab of Texas.

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/22/04 08:02

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
East Wall @ 12' (4K12006-03) Soil									
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		EK41204	11/12/04	11/12/04	EPA 8015M	
<i>Surrogate: 1-Chlorooctadecane</i>		117 %	70-130		"	"	"	"	
West Wall @ 12' (4K12006-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41813	11/12/04	11/15/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.6 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK41507	11/12/04	11/12/04	EPA 8015M	
Diesel Range Organics >C12-C35	55.1	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	55.1	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		89.6 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		99.2 %	70-130		"	"	"	"	

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Reported:
11/22/04 08:02

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
South Wall @ 12' (4K12006-01) Soil									
% Moisture	14.0		%	1	EK41504	11/12/04	11/15/04	% calculation	
North Wall @ 15.5' (4K12006-02) Soil									
% Moisture	15.0		%	1	EK41504	11/12/04	11/15/04	% calculation	
East Wall @ 12' (4K12006-03) Soil									
% Moisture	14.0		%	1	EK41504	11/12/04	11/15/04	% calculation	
West Wall @ 12' (4K12006-04) Soil									
% Moisture	15.0		%	1	EK41504	11/12/04	11/15/04	% calculation	

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Reported:
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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EK41204 - Solvent Extraction (GC)										
Blank (EK41204-BLK1) Prepared & Analyzed: 11/12/04										
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	43.2		mg/kg	50.0		86.4	70-130			
Surrogate: 1-Chlorooctadecane	49.4		"	50.0		98.8	70-130			
LCS (EK41204-BS1) Prepared & Analyzed: 11/12/04										
Gasoline Range Organics C6-C12	452	10.0	mg/kg wet	500		90.4	75-125			
Diesel Range Organics >C12-C35	518	10.0	"	500		104	75-125			
Total Hydrocarbon C6-C35	970	10.0	"	1000		97.0	75-125			
Surrogate: 1-Chlorooctane	51.2		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	50.8		"	50.0		102	70-130			
Calibration Check (EK41204-CCV1) Prepared & Analyzed: 11/12/04										
Gasoline Range Organics C6-C12	518		mg/kg	500		104	80-120			
Diesel Range Organics >C12-C35	571		"	500		114	80-120			
Total Hydrocarbon C6-C35	1090		"	1000		109	80-120			
Surrogate: 1-Chlorooctane	58.7		"	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	64.9		"	50.0		130	70-130			
Matrix Spike (EK41204-MS1) Source: 4K11014-06 Prepared & Analyzed: 11/12/04										
Gasoline Range Organics C6-C12	647	10.0	mg/kg dry	633	ND	102	75-125			
Diesel Range Organics >C12-C35	725	10.0	"	633	50.8	107	75-125			
Total Hydrocarbon C6-C35	1370	10.0	"	1270	50.8	104	75-125			
Surrogate: 1-Chlorooctane	54.0		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	55.3		"	50.0		111	70-130			
Matrix Spike Dup (EK41204-MSD1) Source: 4K11014-06 Prepared & Analyzed: 11/12/04										
Gasoline Range Organics C6-C12	666	10.0	mg/kg dry	633	ND	105	75-125	2.89	20	
Diesel Range Organics >C12-C35	734	10.0	"	633	50.8	108	75-125	1.23	20	
Total Hydrocarbon C6-C35	1400	10.0	"	1270	50.8	106	75-125	2.17	20	
Surrogate: 1-Chlorooctane	54.1		mg/kg	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	56.1		"	50.0		112	70-130			

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11/22/04 08:02

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41507 - Solvent Extraction (GC)

Blank (EK41507-BLK1)

Prepared & Analyzed: 11/15/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	35.3		mg/kg	50.0		70.6	70-130			
Surrogate: 1-Chlorooctadecane	40.2		"	50.0		80.4	70-130			

Blank (EK41507-BLK2)

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	35.7		mg/kg	50.0		71.4	70-130			
Surrogate: 1-Chlorooctadecane	40.8		"	50.0		81.6	70-130			

LCS (EK41507-BS1)

Prepared & Analyzed: 11/15/04

Gasoline Range Organics C6-C12	427	10.0	mg/kg wet	500		85.4	75-125			
Diesel Range Organics >C12-C35	592	10.0	"	500		118	75-125			
Total Hydrocarbon C6-C35	1020	10.0	"	1000		102	75-125			
Surrogate: 1-Chlorooctane	45.1		mg/kg	50.0		90.2	70-130			
Surrogate: 1-Chlorooctadecane	41.1		"	50.0		82.2	70-130			

LCS (EK41507-BS2)

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	536	10.0	mg/kg wet	500		107	75-125			
Diesel Range Organics >C12-C35	624	10.0	"	500		125	75-125			
Total Hydrocarbon C6-C35	1160	10.0	"	1000		116	75-125			
Surrogate: 1-Chlorooctane	54.8		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	52.1		"	50.0		104	70-130			

LCS Dup (EK41507-BSD1)

Prepared & Analyzed: 11/15/04

Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125	4.13	20	
Diesel Range Organics >C12-C35	553	10.0	"	500		111	75-125	6.81	20	
Total Hydrocarbon C6-C35	998	10.0	"	1000		99.8	75-125	2.18	20	
Surrogate: 1-Chlorooctane	44.6		mg/kg	50.0		89.2	70-130			
Surrogate: 1-Chlorooctadecane	40.5		"	50.0		81.0	70-130			

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11/22/04 08:02

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41507 - Solvent Extraction (GC)

LCS Dup (EK41507-BSD2)

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	463	10.0	mg/kg wet	500		92.6	75-125	14.6	20	
Diesel Range Organics >C12-C35	621	10.0	"	500		124	75-125	0.482	20	
Total Hydrocarbon C6-C35	1080	10.0	"	1000		108	75-125	7.14	20	
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.2	70-130			
Surrogate: 1-Chlorooctadecane	47.2		"	50.0		94.4	70-130			

Calibration Check (EK41507-CCV1)

Prepared & Analyzed: 11/15/04

Gasoline Range Organics C6-C12	433		mg/kg	500		86.6	80-120			
Diesel Range Organics >C12-C35	574		"	500		115	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chlorooctane	42.0		"	50.0		84.0	70-130			
Surrogate: 1-Chlorooctadecane	46.5		"	50.0		93.0	70-130			

Calibration Check (EK41507-CCV2)

Prepared: 11/15/04 Analyzed: 11/16/04

Gasoline Range Organics C6-C12	465		mg/kg	500		93.0	80-120			
Diesel Range Organics >C12-C35	601		"	500		120	80-120			
Total Hydrocarbon C6-C35	1070		"	1000		107	80-120			
Surrogate: 1-Chlorooctane	53.8		"	50.0		108	70-130			
Surrogate: 1-Chlorooctadecane	53.9		"	50.0		108	70-130			

Matrix Spike (EK41507-MS1)

Source: 4K12029-01

Prepared: 11/15/04 Analyzed: 11/19/04

Gasoline Range Organics C6-C12	482	10.0	mg/kg dry	543	ND	88.8	75-125			
Diesel Range Organics >C12-C35	610	10.0	"	543	21.9	108	75-125			
Total Hydrocarbon C6-C35	1090	10.0	"	1090	21.9	98.0	75-125			
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	48.7		"	50.0		97.4	70-130			

Matrix Spike (EK41507-MS2)

Source: 4K12029-08

Prepared: 11/15/04 Analyzed: 11/19/04

Gasoline Range Organics C6-C12	498	10.0	mg/kg dry	543	ND	91.7	75-125			
Diesel Range Organics >C12-C35	617	10.0	"	543	ND	114	75-125			
Total Hydrocarbon C6-C35	1120	10.0	"	1090	ND	103	75-125			
Surrogate: 1-Chlorooctane	51.9		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	50.1		"	50.0		100	70-130			

Environmental Lab of Texas

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Page 7 of 11

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Fax: (505) 396-1429

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11/22/04 08:02

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41507 - Solvent Extraction (GC)

Matrix Spike Dup (EK41507-MSD1)		Source: 4K12029-01		Prepared: 11/15/04		Analyzed: 11/19/04				
Gasoline Range Organics C6-C12	468	10.0	mg/kg dry	543	ND	86.2	75-125	2.95	20	
Diesel Range Organics >C12-C35	594	10.0	"	543	21.9	105	75-125	2.66	20	
Total Hydrocarbon C6-C35	1060	10.0	"	1090	21.9	95.2	75-125	2.79	20	
Surrogate: 1-Chlorooctane	50.0		mg/kg	50.0		100	70-130			
Surrogate: 1-Chlorooctadecane	48.0		"	50.0		96.0	70-130			

Matrix Spike Dup (EK41507-MSD2)		Source: 4K12029-08		Prepared: 11/15/04		Analyzed: 11/19/04				
Gasoline Range Organics C6-C12	480	10.0	mg/kg dry	543	ND	88.4	75-125	3.68	20	
Diesel Range Organics >C12-C35	601	10.0	"	543	ND	111	75-125	2.63	20	
Total Hydrocarbon C6-C35	1080	10.0	"	1090	ND	99.1	75-125	3.64	20	
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.8	70-130			
Surrogate: 1-Chlorooctadecane	47.4		"	50.0		94.8	70-130			

Batch EK41813 - EPA 5035

Blank (EK41813-BLK1)				Prepared: 11/15/04		Analyzed: 11/19/04				
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00100	"							
Xylene (o)	ND	0.00100	"							
Surrogate: a,a,a-Trifluorotoluene	94.1		ug/kg	100		94.1	80-120			
Surrogate: 4-Bromofluorobenzene	103		"	100		103	80-120			

LCS (EK41813-BS1)				Prepared: 11/15/04		Analyzed: 11/19/04				
Benzene	98.1		ug/kg	100		98.1	80-120			
Toluene	104		"	100		104	80-120			
Ethylbenzene	108		"	100		108	80-120			
Xylene (p/m)	239		"	200		120	80-120			
Xylene (o)	118		"	100		118	80-120			
Surrogate: a,a,a-Trifluorotoluene	106		"	100		106	80-120			
Surrogate: 4-Bromofluorobenzene	118		"	100		118	80-120			

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Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41813 - EPA 5035

Calibration Check (EK41813-CCV1)

Prepared: 11/15/04 Analyzed: 11/16/04

Benzene	104		ug/kg	100		104	80-120			
Toluene	96.3		"	100		96.3	80-120			
Ethylbenzene	89.6		"	100		89.6	80-120			
Xylene (p/m)	195		"	200		97.5	80-120			
Xylene (o)	91.2		"	100		91.2	80-120			
Surrogate: a,a,a-Trifluorotoluene	106		"	100		106	80-120			
Surrogate: 4-Bromofluorobenzene	102		"	100		102	80-120			

Matrix Spike (EK41813-MS1)

Source: 4K12001-08

Prepared & Analyzed: 11/15/04

Benzene	2540		ug/kg	2500	ND	102	80-120			
Toluene	2580		"	2500	29.2	102	80-120			
Ethylbenzene	2710		"	2500	18.0	108	80-120			
Xylene (p/m)	6040		"	5000	58.9	120	80-120			
Xylene (o)	2940		"	2500	45.2	116	80-120			
Surrogate: a,a,a-Trifluorotoluene	102		"	100		102	80-120			
Surrogate: 4-Bromofluorobenzene	113		"	100		113	80-120			

Matrix Spike Dup (EK41813-MSD1)

Source: 4K12001-08

Prepared & Analyzed: 11/15/04

Benzene	2690		ug/kg	2500	ND	108	80-120	5.71	20	
Toluene	2600		"	2500	29.2	103	80-120	0.976	20	
Ethylbenzene	2770		"	2500	18.0	110	80-120	1.83	20	
Xylene (p/m)	6060		"	5000	58.9	120	80-120	0.00	20	
Xylene (o)	3020		"	2500	45.2	119	80-120	2.55	20	
Surrogate: a,a,a-Trifluorotoluene	110		"	100		110	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

Environmental Lab of Texas

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Page 9 of 11

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/22/04 08:02

General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41504 - General Preparation (Prep)

Blank (EK41504-BLK1)

Prepared: 11/12/04 Analyzed: 11/15/04

% Moisture 0.0 %

Duplicate (EK41504-DUP1)

Source: 4K11014-01

Prepared: 11/12/04 Analyzed: 11/15/04

% Moisture 11.0 % 11.0 0.00 20

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

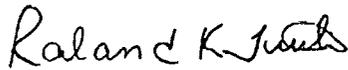
Fax: (505) 396-1429

Reported:
11/22/04 08:02

Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference
LCS Laboratory Control Spike
MS Matrix Spike
Dup Duplicate

Report Approved By:



Date: 11/22/2004

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

If you have received this material in error, please notify us immediately at 432-563-1800.

**Environmental Lab of Texas
Variance / Corrective Action Report – Sample Log-In**

Client: Basin Env.

Date/Time: 11-12-04 @ 1315

Order #: 4K12006

Initials: JMM

Sample Receipt Checklist

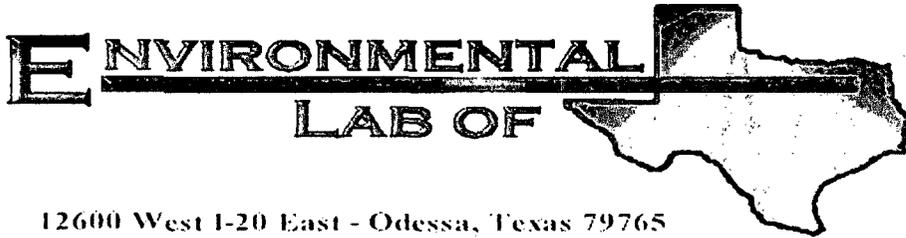
Temperature of container/cooler?	<input checked="" type="radio"/> Yes	No	-1.0 C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	No	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	Yes	No	Not present
Chain of custody present?	<input checked="" type="radio"/> Yes	No	
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	No	
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	No	
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	No	
Container labels legible and intact?	<input checked="" type="radio"/> Yes	No	
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	No	
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	No	
Samples properly preserved?	<input checked="" type="radio"/> Yes	No	
Sample bottles intact?	<input checked="" type="radio"/> Yes	No	
Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No	
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No	
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	No	
All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	No	
VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	No	Not Applicable

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
Regarding: _____

Corrective Action Taken:



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Ken Dutton

Basin Environmental Services

P.O. Box 301

Lovington, NM 88260

Project: Friscoe Skelly #1

Project Number: EMS: 2004-00196

Location: Lea County, NM

Lab Order Number: 4K05014

Report Date: 11/11/04

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 5'	4K05014-01	Soil	11/01/04 13:48	11/05/04 15:27
SB-1 10'	4K05014-02	Soil	11/01/04 13:53	11/05/04 15:27
SB-1 15'	4K05014-03	Soil	11/01/04 13:57	11/05/04 15:27
SB-1 20'	4K05014-04	Soil	11/01/04 14:04	11/05/04 15:27
SB-1 25'	4K05014-05	Soil	11/01/04 14:08	11/05/04 15:27
SB-1 30'	4K05014-06	Soil	11/01/04 14:11	11/05/04 15:27
SB-1 35'	4K05014-07	Soil	11/01/04 14:17	11/05/04 15:27
SB-1 40'	4K05014-08	Soil	11/01/04 14:26	11/05/04 15:27

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 5' (4K05014-01) Soil									
Benzene	0.387	0.0250	mg/kg dry	25	EK41002	11/05/04	11/08/04	EPA 8021B	
Toluene	4.82	0.0250	"	"	"	"	"	"	
Ethylbenzene	7.90	0.0250	"	"	"	"	"	"	
Xylene (p/m)	9.79	0.0250	"	"	"	"	"	"	
Xylene (o)	4.84	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		361 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		129 %	80-120		"	"	"	"	S-04
Gasoline Range Organics C6-C12	1270	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	3830	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	5100	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		120 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		97.0 %	70-130		"	"	"	"	
SB-1 10' (4K05014-02) Soil									
Benzene	0.192	0.0250	mg/kg dry	25	EK41002	11/05/04	11/08/04	EPA 8021B	
Toluene	2.04	0.0250	"	"	"	"	"	"	
Ethylbenzene	3.70	0.0250	"	"	"	"	"	"	
Xylene (p/m)	4.70	0.0250	"	"	"	"	"	"	
Xylene (o)	2.38	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		236 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		116 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	1080	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	4460	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	5540	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		116 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		92.0 %	70-130		"	"	"	"	
SB-1 15' (4K05014-03) Soil									
Benzene	0.423	0.0250	mg/kg dry	25	EK41003	11/09/04	11/09/04	EPA 8021B	
Toluene	4.85	0.0250	"	"	"	"	"	"	
Ethylbenzene	6.17	0.0250	"	"	"	"	"	"	
Xylene (p/m)	8.19	0.0250	"	"	"	"	"	"	
Xylene (o)	3.88	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		133 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		113 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	1360	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	5340	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	6700	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 15' (4K05014-03) Soil									
Surrogate: 1-Chlorooctane		120 %	70-130		EK40508	11/05/04	11/06/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		98.4 %	70-130		"	"	"	"	
SB-1 20' (4K05014-04) Soil									
Benzene	J [0.0207]	0.0250	mg/kg dry	25	EK41003	11/09/04	11/09/04	EPA 8021B	J
Toluene	0.540	0.0250	"	"	"	"	"	"	
Ethylbenzene	1.33	0.0250	"	"	"	"	"	"	
Xylene (p/m)	1.82	0.0250	"	"	"	"	"	"	
Xylene (o)	0.860	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		129 %	80-120		"	"	"	"	S-04
Surrogate: 4-Bromofluorobenzene		103 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	478	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	2590	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	3070	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		112 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		90.2 %	70-130		"	"	"	"	
SB-1 25' (4K05014-05) Soil									
Benzene	J [0.0156]	0.0250	mg/kg dry	25	EK41003	11/09/04	11/09/04	EPA 8021B	J
Toluene	0.141	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.409	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.594	0.0250	"	"	"	"	"	"	
Xylene (o)	0.379	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		115 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	360	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	2250	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	2610	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		111 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		102 %	70-130		"	"	"	"	

Environmental Lab of Texas

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Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 30' (4K05014-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41003	11/09/04	11/09/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		92.1 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.3 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	78.1	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	78.1	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		106 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		118 %	70-130		"	"	"	"	
SB-1 35' (4K05014-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41003	11/09/04	11/09/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.5 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	10.1	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	10.1	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		101 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		113 %	70-130		"	"	"	"	
SB-1 40' (4K05014-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EK41003	11/09/04	11/09/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		86.0 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.5 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EK40508	11/05/04	11/06/04	EPA 8015M	
Diesel Range Organics >C12-C35	16.9	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	16.9	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 40' (4K05014-08) Soil									
Surrogate: 1-Chlorooctane		106 %	70-130		EK40508	11/05/04	11/06/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		115 %	70-130		"	"	"	"	

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

General Chemistry Parameters by EPA / Standard Methods
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 5' (4K05014-01) Soil									
% Moisture	4.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 10' (4K05014-02) Soil									
% Moisture	4.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 15' (4K05014-03) Soil									
% Moisture	4.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 20' (4K05014-04) Soil									
% Moisture	5.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 25' (4K05014-05) Soil									
% Moisture	6.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 30' (4K05014-06) Soil									
% Moisture	4.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 35' (4K05014-07) Soil									
% Moisture	5.0		%	1	EK40804	11/08/04	11/08/04	% calculation	
SB-1 40' (4K05014-08) Soil									
% Moisture	6.0		%	1	EK40804	11/08/04	11/08/04	% calculation	

Environmental Lab of Texas

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Page 6 of 13

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK40508 - Solvent Extraction (GC)

Blank (EK40508-BLK1)

Prepared & Analyzed: 11/05/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	42.8		mg/kg	50.0		85.6	70-130			
Surrogate: 1-Chlorooctadecane	52.7		"	50.0		105	70-130			

Blank (EK40508-BLK2)

Prepared: 11/05/04 Analyzed: 11/06/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	44.9		mg/kg	50.0		89.8	70-130			
Surrogate: 1-Chlorooctadecane	52.4		"	50.0		105	70-130			

LCS (EK40508-BS1)

Prepared & Analyzed: 11/05/04

Gasoline Range Organics C6-C12	446	10.0	mg/kg wet	500		89.2	75-125			
Diesel Range Organics >C12-C35	477	10.0	"	500		95.4	75-125			
Total Hydrocarbon C6-C35	923	10.0	"	1000		92.3	75-125			
Surrogate: 1-Chlorooctane	52.2		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	50.9		"	50.0		102	70-130			

LCS (EK40508-BS2)

Prepared: 11/05/04 Analyzed: 11/06/04

Gasoline Range Organics C6-C12	430	10.0	mg/kg wet	500		86.0	75-125			
Diesel Range Organics >C12-C35	502	10.0	"	500		100	75-125			
Total Hydrocarbon C6-C35	932	10.0	"	1000		93.2	75-125			
Surrogate: 1-Chlorooctane	53.0		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	45.7		"	50.0		91.4	70-130			

LCS Dup (EK40508-BSD1)

Prepared & Analyzed: 11/05/04

Gasoline Range Organics C6-C12	437	10.0	mg/kg wet	500		87.4	75-125	2.04	20	
Diesel Range Organics >C12-C35	477	10.0	"	500		95.4	75-125	0.00	20	
Total Hydrocarbon C6-C35	914	10.0	"	1000		91.4	75-125	0.980	20	
Surrogate: 1-Chlorooctane	50.1		mg/kg	50.0		100	70-130			
Surrogate: 1-Chlorooctadecane	53.3		"	50.0		107	70-130			

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK40508 - Solvent Extraction (GC)

Calibration Check (EK40508-CCV1)

Prepared & Analyzed: 11/05/04

Gasoline Range Organics C6-C12	503		mg/kg	500		101	80-120			
Diesel Range Organics >C12-C35	551		"	500		110	80-120			
Total Hydrocarbon C6-C35	1050		"	1000		105	80-120			
Surrogate: 1-Chlorooctane	55.5		"	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	53.2		"	50.0		106	70-130			

Calibration Check (EK40508-CCV2)

Prepared: 11/05/04 Analyzed: 11/06/04

Gasoline Range Organics C6-C12	493		mg/kg	500		98.6	80-120			
Diesel Range Organics >C12-C35	567		"	500		113	80-120			
Total Hydrocarbon C6-C35	1060		"	1000		106	80-120			
Surrogate: 1-Chlorooctane	55.6		"	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	54.5		"	50.0		109	70-130			

Matrix Spike (EK40508-MS2)

Source: 4K05013-14

Prepared: 11/05/04 Analyzed: 11/06/04

Gasoline Range Organics C6-C12	567	10.0	mg/kg dry	521	ND	109	75-125			
Diesel Range Organics >C12-C35	593	10.0	"	521	ND	114	75-125			
Total Hydrocarbon C6-C35	1160	10.0	"	1040	ND	112	75-125			
Surrogate: 1-Chlorooctane	58.8		mg/kg	50.0		118	70-130			
Surrogate: 1-Chlorooctadecane	56.0		"	50.0		112	70-130			

Matrix Spike Dup (EK40508-MSD2)

Source: 4K05013-14

Prepared: 11/05/04 Analyzed: 11/06/04

Gasoline Range Organics C6-C12	594	10.0	mg/kg dry	521	ND	114	75-125	4.65	20	
Diesel Range Organics >C12-C35	604	10.0	"	521	ND	116	75-125	1.84	20	
Total Hydrocarbon C6-C35	1200	10.0	"	1040	ND	115	75-125	3.39	20	
Surrogate: 1-Chlorooctane	59.4		mg/kg	50.0		119	70-130			
Surrogate: 1-Chlorooctadecane	53.1		"	50.0		106	70-130			

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41002 - EPA 5030C (GC)

Blank (EK41002-BLK1)

Prepared & Analyzed: 11/05/04

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	92.0		ug/kg	100		92.0	80-120			
Surrogate: 4-Bromofluorobenzene	90.4		"	100		90.4	80-120			

LCS (EK41002-BS1)

Prepared & Analyzed: 11/05/04

Benzene	89.9		ug/kg	100		89.9	80-120			
Toluene	93.9		"	100		93.9	80-120			
Ethylbenzene	96.3		"	100		96.3	80-120			
Xylene (p/m)	213		"	200		106	80-120			
Xylene (o)	101		"	100		101	80-120			
Surrogate: a,a,a-Trifluorotoluene	102		"	100		102	80-120			
Surrogate: 4-Bromofluorobenzene	117		"	100		117	80-120			

Calibration Check (EK41002-CCV1)

Prepared: 11/05/04 Analyzed: 11/09/04

Benzene	92.5		ug/kg	100		92.5	80-120			
Toluene	102		"	100		102	80-120			
Ethylbenzene	100		"	100		100	80-120			
Xylene (p/m)	220		"	200		110	80-120			
Xylene (o)	103		"	100		103	80-120			
Surrogate: a,a,a-Trifluorotoluene	106		"	100		106	80-120			
Surrogate: 4-Bromofluorobenzene	107		"	100		107	80-120			

Matrix Spike (EK41002-MS1)

Source: 4K05013-12

Prepared: 11/05/04 Analyzed: 11/08/04

Benzene	98.5		ug/kg	100	ND	98.5	80-120			
Toluene	108		"	100	ND	108	80-120			
Ethylbenzene	107		"	100	ND	107	80-120			
Xylene (p/m)	235		"	200	ND	118	80-120			
Xylene (o)	111		"	100	ND	111	80-120			
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	118		"	100		118	80-120			

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Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41002 - EPA 5030C (GC)

Matrix Spike Dup (EK41002-MSD1)	Source: 4K05013-12	Prepared: 11/05/04	Analyzed: 11/08/04					
Benzene	94.9	ug/kg	100	ND	94.9	80-120	3.72	20
Toluene	103	"	100	ND	103	80-120	4.74	20
Ethylbenzene	103	"	100	ND	103	80-120	3.81	20
Xylene (p/m)	225	"	200	ND	112	80-120	5.22	20
Xylene (o)	104	"	100	ND	104	80-120	6.51	20
Surrogate: a,a,a-Trifluorotoluene	103	"	100		103	80-120		
Surrogate: 4-Bromofluorobenzene	116	"	100		116	80-120		

Batch EK41003 - EPA 5030C (GC)

Blank (EK41003-BLK1)	Prepared & Analyzed: 11/09/04
Benzene	ND 0.0250 mg/kg wet
Toluene	ND 0.0250 "
Ethylbenzene	ND 0.0250 "
Xylene (p/m)	ND 0.0250 "
Xylene (o)	ND 0.0250 "
Surrogate: a,a,a-Trifluorotoluene	88.3 ug/kg 100 88.3 80-120
Surrogate: 4-Bromofluorobenzene	102 " 100 102 80-120

LCS (EK41003-BS1)	Prepared & Analyzed: 11/09/04
Benzene	88.8 ug/kg 100 88.8 80-120
Toluene	98.0 " 100 98.0 80-120
Ethylbenzene	98.8 " 100 98.8 80-120
Xylene (p/m)	220 " 200 110 80-120
Xylene (o)	102 " 100 102 80-120
Surrogate: a,a,a-Trifluorotoluene	102 " 100 102 80-120
Surrogate: 4-Bromofluorobenzene	117 " 100 117 80-120

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EK41003 - EPA 5030C (GC)

Calibration Check (EK41003-CCV1)

Prepared: 11/09/04 Analyzed: 11/10/04

Benzene	88.4		ug/kg	100		88.4	80-120			
Toluene	98.0		"	100		98.0	80-120			
Ethylbenzene	92.2		"	100		92.2	80-120			
Xylene (p/m)	199		"	200		99.5	80-120			
Xylene (o)	95.5		"	100		95.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	105		"	100		105	80-120			
Surrogate: 4-Bromofluorobenzene	102		"	100		102	80-120			

Matrix Spike (EK41003-MS1)

Source: 4K08003-01

Prepared: 11/09/04 Analyzed: 11/10/04

Benzene	87.9		ug/kg	100	ND	87.9	80-120			
Toluene	98.0		"	100	ND	98.0	80-120			
Ethylbenzene	103		"	100	ND	103	80-120			
Xylene (p/m)	225		"	200	ND	112	80-120			
Xylene (o)	106		"	100	ND	106	80-120			
Surrogate: a,a,a-Trifluorotoluene	106		"	100		106	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

Matrix Spike Dup (EK41003-MSD1)

Source: 4K08003-01

Prepared: 11/09/04 Analyzed: 11/10/04

Benzene	90.9		ug/kg	100	ND	90.9	80-120	3.36	20	
Toluene	103		"	100	ND	103	80-120	4.98	20	
Ethylbenzene	106		"	100	ND	106	80-120	2.87	20	
Xylene (p/m)	235		"	200	ND	118	80-120	5.22	20	
Xylene (o)	110		"	100	ND	110	80-120	3.70	20	
Surrogate: a,a,a-Trifluorotoluene	110		"	100		110	80-120			
Surrogate: 4-Bromofluorobenzene	116		"	100		116	80-120			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch EK40804 - General Preparation (Prep)

Blank (EK40804-BLK1)	Prepared & Analyzed: 11/08/04
% Moisture	0.0 %

Duplicate (EK40804-DUP1)	Source: 4K05006-01 Prepared & Analyzed: 11/08/04
% Moisture	20.0 % 20.0 0.00 20

Basin Environmental Services
P.O. Box 301
Lovington NM, 88260

Project: Friscoe Skelly #1
Project Number: EMS: 2004-00196
Project Manager: Ken Dutton

Fax: (505) 396-1429

Reported:
11/11/04 10:21

Notes and Definitions

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

J Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

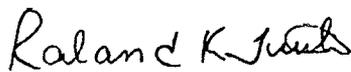
RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By:



Date:

11/11/2004

Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

Jeanne Mc Murrey, Inorg. Tech Director
James L. Hawkins, Chemist/Geologist
Sandra Sanchez, Lab Tech.

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If you have received this material in error, please notify us immediately at 432-563-1800.

Environmental Lab of Texas

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Page 13 of 13

Environmental Lab of Texas Variance / Corrective Action Report – Sample Log-In

Client: Basin Environmental

Date/Time: 11-05-04 @ 1600

Order #: 4K05014

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	<input checked="" type="radio"/> Yes	No	I. O	C
Shipping container/cooler in good condition?	<input checked="" type="radio"/> Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	<input checked="" type="radio"/> Not present	
Custody Seals intact on sample bottles?	Yes	No	<input checked="" type="radio"/> Not present	
Chain of custody present?	<input checked="" type="radio"/> Yes	No		
Sample Instructions complete on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Chain of Custody signed when relinquished and received?	<input checked="" type="radio"/> Yes	No		
Chain of custody agrees with sample label(s)	<input checked="" type="radio"/> Yes	No		
Container labels legible and intact?	<input checked="" type="radio"/> Yes	No		
Sample Matrix and properties same as on chain of custody?	<input checked="" type="radio"/> Yes	No		
Samples in proper container/bottle?	<input checked="" type="radio"/> Yes	No		
Samples properly preserved?	<input checked="" type="radio"/> Yes	No		
Sample bottles intact?	<input checked="" type="radio"/> Yes	No		
Preservations documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Containers documented on Chain of Custody?	<input checked="" type="radio"/> Yes	No		
Sufficient sample amount for indicated test?	<input checked="" type="radio"/> Yes	No		
All samples received within sufficient hold time?	<input checked="" type="radio"/> Yes	No		
VOC samples have zero headspace?	<input checked="" type="radio"/> Yes	No	Not Applicable	

Other observations:

Variance Documentation:

Contact Person: - _____ Date/Time: _____ Contacted by: _____
Regarding: _____

Corrective Action Taken:



APPENDIX C

SOIL BORING LOGS

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Soil Boring Completion Data
 TD: 25 Feet bgs
 Installed 31 Mar 06, Basin
 Environmental Service
 Technologies
 Samples selected for
 analysis

5 bags of hydrated
 Bentonite Plug
 Surface to 25' bgs

Soil Description
 Sand stone layer (0 - 12 feet),
 Dry

Caliche layer (12 - 16 feet), Dry

Sand (SP) White-Brown, Very
 Fine Grained, Well Sorted, Dry

Petroleum Stain
 None

Petroleum Odor
 Slight

None

Moderate

None

None

None

None

None

None

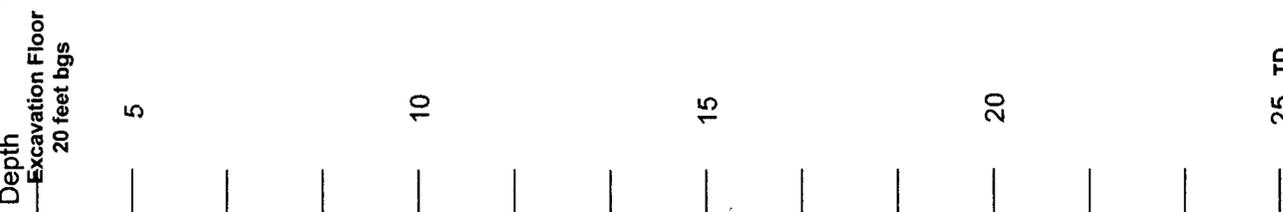
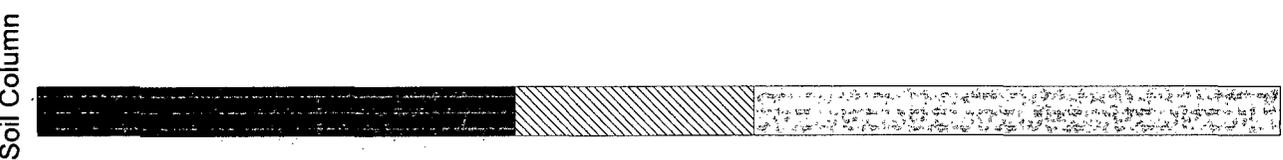
PID Reading
 107 ppm

1022 ppm

0.1 ppm

0.1 ppm

0.1 ppm



TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 2
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description	Soil Boring Completion Data
Excavation Floor 20 feet bgs						
5		977 ppm	Heavy	None	Sand stone layer (0 - 12 feet), Dry	Plains Marketing, L. P. Frisco-Skelly # 1 Lea County, New Mexico SE/SE S36, T16S, R36E EMS: 2004-00196
10		21.8 ppm	Moderate	None		Soil Boring Completion Data TD: 25 Feet bgs Installed 31 Mar 06, Basin Environmental Service Technologies <input type="checkbox"/> Samples selected for analysis
15		0.1 ppm	None	None	Caliche layer (12 - 16 feet), Dry	
20		0.1 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Dry	5 bags of hydrated Bentonite Plug Surface to 25' bgs
25 TD		0.1 ppm	None	None		

TITLE	Appendix C	DESCRIPTION
	Plains Marketing, L. P. Frisco-Skelly # 1	Soil Boring 3
DRAWN BY	KAD	DATE
		06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
Excavation Floor 18 feet bgs					
5		529 ppm	None	None	Sand stone layer (0 - 8 feet), Dry
10		1141 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Imbedded w/Sand stone Nodules, Dry
15		0.2 ppm	None	None	Sand stone layer (12 - 14.5 feet), Dry
20		0.1 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Imbedded w/Sand stone Nodules, Dry
25 TD		0.1 ppm	None	None	Sand (SP) Brown, Very Fine Grained, Well Sorted, Dry

5 bags of hydrated
Bentonite Plug
Surface to 25' bgs

Soil Boring Completion Data
 TD: 25 Feet bgs
 Installed 30 Mar 06, Basin
 Environmental Service
 Technologies
 Samples selected for
 analysis

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 4
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
Excavation Floor 20 feet bgs					
5		49.8 ppm	Slight	None	Sand stone layer (0 - 12 feet), Dry
10		329 ppm	Slight	None	
15		0.1 ppm	None	None	Caliche layer (12 - 14 feet), Dry
20		0.1 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Dry
25 TD		0.1 ppm	None	None	

5 bags of hydrated
Bentonite Plug
Surface to 25' bgs

Soil Boring Completion Data
 TD: 25 Feet bgs
 Installed 31 Mar. 06, Basin
 Environmental Service
 Technologies
 Samples selected for
 analysis

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 5
DRAWN BY KAD	DATE 06 May 06

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Soil Boring Completion Data

TD: 30 Feet bgs

Installed 03 Apr 06, Basin
 Environmental Service
 Technologies

Samples selected for
 analysis



5 bags of hydrated
 Bentonite Plug
 Surface to 30' bgs

Depth Bench Floor 10 feet bgs	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		0.1 ppm	None	None	Caliche layer (0 - 5 feet), Dry
10		0.1 ppm	None	None	Sand stone layer (5 - 11 feet), Dry
15		0.1 ppm	None	None	Caliche layer (11 - 13 feet), Dry
20		0.1 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Dry
25		0.1 ppm	None	None	
30 TD		0.1 ppm	None	None	

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 6
DRAWN BY KAD	DATE 06 May 06

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Soil Boring Completion Data

TD: 30 Feet bgs

Installed 03 Apr 06, Basin
 Environmental Service
 Technologies

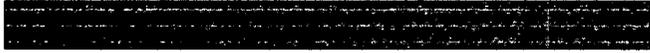
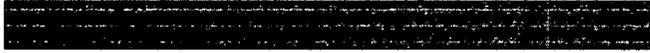
Samples selected for
 analysis

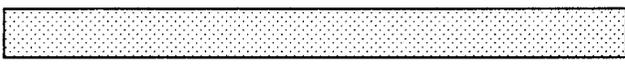


5 bags of hydrated
 Bentonite Plug
 Surface to 30' bgs

Depth Bench Floor 10 feet bgs	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		0.1 ppm	None	None	Caliche layer (0 - 5 feet), Dry
10		0.1 ppm	None	None	Sand stone layer (5 - 11 feet), Dry
15		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
20		0.1 ppm	None	None	
25		0.1 ppm	None	None	
30 TD		0.1 ppm	None	None	

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 7
DRAWN BY KAD	DATE 06 May 06

Depth Bench Floor 10 feet bgs	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		0.1 ppm	None	None	Sand stone layer (0 - 14 feet), Dry
10		0.1 ppm	None	None	
15		0.1 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Dry
20		0.1 ppm	None	None	
25		0.1 ppm	None	None	
30 TD		0.1 ppm	None	None	



5 bags of hydrated
Bentonite Plug
Surface to 30' bgs

Soil Boring Completion Data

TD: 30 Feet bgs

Installed 03 Apr.06, Basin
Environmental Service
Technologies

Samples selected for
analysis

Plains Marketing, L. P.
Frisco-Skelly # 1
Lea County, New Mexico
SE/SE S36, T16S, R36E
EMS: 2004-00196

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 8
DRAWN BY KAD	DATE 06 May 06

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Soil Boring Completion Data
 TD: 30 Feet bgs
 Installed 03 Apr 06, Basin
 Environmental Service
 Technologies
 Samples selected for
 analysis

Depth Bench Floor 10 feet bgs	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		<input type="text" value="0.1 ppm"/>	None	None	Caliche layer (0 - 5 feet), Dry
10		<input type="text" value="0.1 ppm"/>	None	None	Sand stone layer (5 - 9 feet), Dry
15		<input type="text" value="0.1 ppm"/>	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Dry
20		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
25		<input type="text" value="0.1 ppm"/>	None	None	
30 TD		<input type="text" value="0.1 ppm"/>	None	None	

5 bags of hydrated
 Bentonite Plug
 Surface to 30' bgs

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 9
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
Bench Floor 6 feet bgs					
5		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
10		0.1 ppm	None	None	Sand stone layer (8 - 16 feet), Dry
15		0.1 ppm	None	None	
20		0.1 ppm	None	None	Caliche layer (16 - 22 feet), Dry
25		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
30		0.1 ppm	None	None	
35		0.1 ppm	None	None	
40 TD		0.1 ppm	None	None	

7 bags of hydrated Bentonite Plug Surface to 40' bgs

Plains Marketing, L. P.
Frisco-Skelly # 1
Lea County, New Mexico
SE/SE S36, T16S, R36E
EMS: 2004-00196

Soil Boring Completion Data
TD: 40 Feet bgs
Installed 04 Apr 06, Basin
Environmental Service
Technologies
 Samples selected for analysis

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 10
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description	Soil Boring Completion Data
Bench Floor 6 feet bgs						
5		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry	
10		0.1 ppm	None	None	Caliche layer (7 - 9 feet), Dry	
15		1160 ppm	Moderate	None	Sand stone layer (9 - 16 feet), Dry	TD: 40 Feet bgs Installed 04 Apr 06, Basin Environmental Service Technologies <input type="checkbox"/> Samples selected for analysis
20		1066 ppm	Slight	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry	
25		0.1 ppm	None	None		7 bags of hydrated Bentonite Plug Surface to 40' bgs
30		0.1 ppm	None	None		
35		0.1 ppm	None	None		
40 TD		0.1 ppm	None	None		

Plains Marketing, L. P.
Frisco-Skelly # 1
Lea County, New Mexico
SE/SE S36, T16S, R36E
EMS: 2004-00196

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Soil Boring 11
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		0.1 ppm	None	None	Sand (SM) Dark-Brown, Very Fine Grained, Well Sorted, Loose Clay, Dry
10		0.1 ppm	None	None	Sand stone layer (4 - 12 feet), Dry
15		0.1 ppm	None	None	Caliche layer (7 - 9 feet), Dry
20		0.1 ppm	None	None	Sand stone layer (14 - 24 feet), Dry
25		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
30		0.1 ppm	None	None	
35		0.1 ppm	None	None	
40		0.1 ppm	None	None	
45		0.1 ppm	None	None	
50		0.1 ppm	None	None	
55		0.1 ppm	None	None	
60		0.1 ppm	None	None	
65		0.1 ppm	None	None	
70		0.1 ppm	None	None	
75		0.1 ppm	None	None	

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Samples selected for analysis

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Monitor Well 1 (Page 1 of 2)
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
80		0.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
85		0.1 ppm	None	None	
90		0.1 ppm	None	None	
95					
97 Feet bgs					
100					
105					
110 TD					

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Monitoring Well 1 Completion Data
 Installed 04 Apr 06, Basin
 Environmental Service
 Technologies

- Samples selected for analysis
- Groundwater depth

TD: 110 Feet bgs

30 feet, 2" 010 PVC Screen

80 feet, 2" PVC Riser

60 Feet, Depth to Sand Pack

60 Feet to Surface, Hydrated Bentonite Seal

2 by 2 Feet concrete surface pad installed with a 4' by 60" metal locking square riser

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Monitor Well 1 (Page 2 of 2)
DRAWN BY KAD	DATE 06 May 06

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Samples selected for analysis

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		0.1 ppm	None	None	Caliche layer (0 - 15 feet), Dry
10		0.1 ppm	None	None	
15		0.1 ppm	None	None	Sand (SP) White-Brown, Very Fine Grained, Well Sorted, Dry
20		0.1 ppm	None	None	
25		0.1 ppm	None	None	
30		0.1 ppm	None	None	
35		0.1 ppm	None	None	Sand stone layer (32 - 38 feet), Dry
40		0.1 ppm	None	None	Sand (SM) Red-Brown, Very Fine Grained, Well Sorted, Dry
45		0.1 ppm	None	None	
50		0.1 ppm	None	None	
55		0.1 ppm	None	None	
60		0.1 ppm	None	None	
65		0.1 ppm	None	None	
70		0.1 ppm	None	None	Caliche layer (71 - 73 feet), Dry
75		0.1 ppm	None	None	

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Monitor Well 2 (Page 1 of 2)
DRAWN BY KAD	DATE 06 May 06

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Monitoring Well 2 Completion Data
 Installed 06 Apr 06, Basin
 Environmental Service
 Technologies

Samples selected for
 analysis
 Groundwater depth

TD: 110 Feet bgs

30 feet, 2" 010 PVC Screen

80 feet, 2" PVC Riser

68 Feet, Depth to Sand Pack

68 Feet to Surface, Hydrated
 Bentonite Seal

2 by 2 Feet concrete surface pad
 installed with a 4' by 60" metal locking
 square riser

Soil
 Description
 Sand (SP) Red-Brown, Very
 Fine Grained, Well Sorted, Dry

Petroleum
 Stain
 None

Petroleum
 Odor
 None

PID
 Reading
 0.1 ppm

None

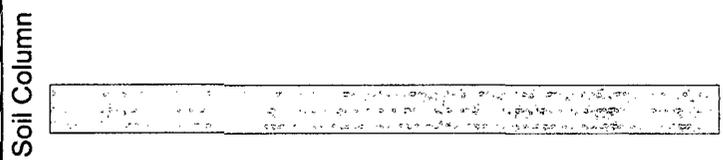
None

0.1 ppm

None

None

0.1 ppm



Depth
 80
 85
 90
 95
 97 Feet bgs
 100
 105
 110 TD

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Monitor Well 2 (Page 2 of 2)
DRAWN BY KAD	DATE 06 May 06

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		0.1 ppm	None	None	Caliche layer (0 - 9 feet), Dry
10		0.1 ppm	None	None	Sand stone layer (9 - 37 feet), Dry
15		0.1 ppm	None	None	
20		0.1 ppm	None	None	
25		0.1 ppm	None	None	
30		0.1 ppm	None	None	
35		0.1 ppm	None	None	
40		0.1 ppm	None	None	Sand (SM) Red-Brown, Very Fine Grained, Well Sorted, Dry
45		0.1 ppm	None	None	
50		0.1 ppm	None	None	
55		0.1 ppm	None	None	
60		0.1 ppm	None	None	
65		0.1 ppm	None	None	
70		0.1 ppm	None	None	
75		0.1 ppm	None	None	

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Samples selected for analysis

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Monitor Well 3 (Page 1 of 2)
DRAWN BY KAD	DATE 06 May 06

Plains Marketing, L. P.
 Frisco-Skelly # 1
 Lea County, New Mexico
 SE/SE S36, T16S, R36E
 EMS: 2004-00196

Monitoring Well 2 Completion Data
 Installed 06 Apr 06, Basin
 Environmental Service
 Technologies

Samples selected for
 analysis
 Groundwater depth

TD: 110 Feet bgs
 30 feet, 2" 010 PVC Screen
 80 feet, 2" PVC Riser
 68 Feet, Depth to Sand Pack
 68 Feet to Surface, Hydrated
 Bentonite Seal
 2 by 2 Feet concrete surface pad
 installed with a 4' by 60" metal locking
 square riser

Soil
 Description
 Sand (SP) Red-Brown, Very
 Fine Grained, Well Sorted, Dry

Petroleum
 Stain
 None

Petroleum
 Odor
 None

PID
 Reading
 0.1 ppm

0.1 ppm

0.1 ppm

0.1 ppm

80

85

90

95

97 Feet bgs

100

105

110 TD

TITLE Appendix C Plains Marketing, L. P. Frisco-Skelly # 1	DESCRIPTION Monitor Well 3 (Page 2 of 2)
DRAWN BY KAD	DATE 06 May 06

APPENDIX D

NMOCD C-141

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised October 10, 2003

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

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, LP	Contact Camille Reynolds
Address 5805 East Hwy. 80, Midland, TX 79706	Telephone No. 505-441-0965
Facility Name Frisco Skelly #1	Facility Type 4" Steel Pipeline
Surface Owner City of Lovington	Mineral Owner
Lease No.	

LOCATION OF RELEASE

Unit Letter P	Section 36	Township 16S	Range 36E	Feet from the North/South Line	Feet from the East/West Line	County Lca
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Latitude 32° 52'20.0" Longitude 103° 18'12.2"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 25 barrels	Volume Recovered 0 barrels
Source of Release 4" Steel Pipeline	Date and Hour of Occurrence 9-20-04 @ 08:45	Date and Hour of Discovery 9-20-04 @ 9:00
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Larry Johnson	
By Whom? Camille Reynolds	Date and Hour 9-20-04 @ 15:10	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.* External corrosion of the 4" steel pipeline. A line clamp was installed to mitigate the release. The line is a 4 inch steel transmission pipeline that produces approximately 20 to 30 barrels of crude oil per day. The pressure on the line is 28 psi and the gravity of the sweet crude oil is 39. The sweet crude has an H₂S content of <10 ppm

Describe Area Affected and Cleanup Action Taken.* The impacted soil was excavated and stockpiled on plastic. Aerial extent of surface impact was 1,848 ft².

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

Signature: <i>Camille Reynolds</i>	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor:	
Title: Remediation Coordinator	Approval Date:	Expiration Date:
E-mail Address: cjreynolds@paalp.com	Conditions of Approval:	
Date: 9-22-04 Phone: 505-441-0965	Attached <input type="checkbox"/>	

