NMOCD

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Effective Solutions

PRELIMINARY SITE INVESTIGATION REPORT
and
REMEDIATION/CLOSURE PLAN

PLAINS MARKETING, L.P. (231735)
Jal Tank Farm (Plains SRS: 2005-00151)
Tank 374 10" Sweet Truck Haul Line (Plains SRS: 2005-00172)
Jal Tank Farm (Plains SRS: 2005-00183)
Lea County, New Mexico
UNIT P (SE/SE), Section 32, Township 25 South, Range 37 East
Latitude 32°, 04', 52.1" North, Longitude 103°, 10', 34.8" West
NMOCD File Number: 1RP-1668

Prepared For:

PLAINS
Plains Marketing, L.P.
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Prepared By:
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25 January 2008

RECEIVED
JAN 29 2008
HOBBS OCD

Ken Dutton
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Verbal approval per Chris Williams 1/30/08 pc Summary Sheet to follow.

TABLE OF CONTENTS

Tables

Figures

Appendices

INTRODUCTION

Basin Environmental Service Technologies, LLC (Basin), responded to a crude oil release for Plains Marketing, L.P. (Plains), located at the Jal Station Tank 374 10" Sweet Truck Haul Line on 13 July 2005 (SRS # 2005-00172). The Tank 374 10" Sweet Truck Haul Line crude oil release was contained by Plains operations personnel utilizing a pipeline repair clamp. Basin initiated excavation of the impacted soil which was stockpiled adjacent to the excavation on a 6-ml poly-liner. On 25 July 2005, a subsequent crude oil release occurred from the exposed Tank 374 10" Sweet Truck Haul Line, releasing crude oil into the excavated area, that was contained by Plains operations personnel utilizing a pipeline repair clamp (SRS # 2005-00183). The Tank 374 10" Sweet Truck Haul Line is located on land owned by Mr. George Willis. Basin recommended and Plains approved, that the initial crude oil release which occurred on the Tank 374 10" Sweet Truck Haul line (SRS # 2005-00151), located inside the Jal Station Tank Farm, 27 June 2005, be incorporated into the remedial activities to be conducted for the subsequent releases. The 27 June 2005, Tank 374 10" Sweet Truck Haul Line crude oil release is located on land owned by Plains All American.

To efficiently and effectively remediate the three (3) crude oil release sites, Basin, with Plains concurrence, will implement an objective strategy to incorporate the three (3) reportable crude oil releases into the Remediation/Closure Plan for the releases.

The combined sites are located in Unit P (SE¼/SE¼) Section 32, Township 25 South, Range 37 East, in Lea County, New Mexico (topographic Site Location Map is attached as Figure 1). The site latitude is 32°, 04', 52.1" North and site longitude is 103°, 10', 34.8" West. The site is characterized by a pipeline right-of-way located inside Plains Jal Station and adjacent to Plains Jal Station. Plains Jal Station is a major crude oil pump station situated on the Plains pipeline system containing numerous large volume holding tanks, pumping stations and pipelines delivering and transferring crude oil down stream to refineries. The 27 June 2005, crude oil release has a visible surface stained area includes the release point and flow path area covering an area approximately 20 feet long by 20 feet wide. The 13 and 25 July 2005, visible surface stained area includes the release point and flow path area covering an area approximately 115 feet long by 26 feet wide. A combined total of 70 barrels of crude oil were estimated to have been released from the three (3) crude oil pipeline releases and 40 barrels were recovered.

An emergency One-Call was initiated prior to excavation of the Tank 374 10" Sweet Truck Haul Line and all responding companies either cleared or marked their respective lines. Subsequent renewals of the one-call have been accomplished as required.

Mr. Larry Johnson and Mr. Paul Sheeley, New Mexico Oil Conservation Division (NMOCD), Hobbs, New Mexico District 1, were verbally notified of the three (3)

releases on 27 June 2005, 14 July 2005 and 26 July 2005, respectively. Three (3) NMOCD C-141 forms were completed by Plains and submitted to the NMOCD, Hobbs, New Mexico Office (see Appendix F, NMOCD C-141).

SUMMARY OF FIELD ACTIVITIES

In July 2005, Basin mobilized to the Tank 374 10" Sweet Truck Haul Line (SRS # 2005-00172) crude oil release site responding to a request from Plains. Plains operations personnel contained the crude oil release by utilizing a pipeline repair clamp. Upon arrival at the release site, Basin initiated excavation of the release point and flow path area with the impacted soil stockpiled on a 6-mil poly liner adjacent to the excavation for future remedial action. On 25 July 2005, a subsequent crude oil release occurred from the exposed Tank 374 10" Sweet Truck Haul Line (SRS # 2005-00183), releasing the crude oil into the excavated area, that was contained by Plains operations by utilizing a pipeline repair clamp. Environmental Plus Inc., (EPI) responded to the initial release (SRS # 2005-00151) in June 2005, for Plains and conducted the initial site stabilization activities. Basin recommended and Plains approved, that the initial crude oil release which occurred on the Tank 374 10" Sweet Truck Haul line (SRS # 2005-00151), located inside the Jal Station Tank Farm, 27 June 2005, be incorporated into the remedial activities to be conducted for the subsequent releases.

In August 2005, five (5) soil samples were collected from the floor and walls of the excavation ranging in depth from approximately 6 to 15 feet bgs. Field screening with a Photo-ionization Detector (PID) indicated elevated concentrations of Volatile Organic Compounds (VOCs) existed on the floor and walls of the excavation.

In September 2005, eight (8) soil borings were installed to evaluate the vertical and horizontal extent of crude oil impact of the three (3) releases. The soil borings were installed at surface grade, adjacent to the release points and along the flow path areas with soil samples collected at five (5) feet intervals. The soil borings were installed to a subsurface depth ranging from approximately 20 to 100 feet bgs.

NEW MEXICO OIL CONSERVATION DIVISION (NMOCD) SOIL CLASSIFICATION

A search of the New Mexico State Engineers database revealed depth to groundwater depths ranging from 95 to 102 feet bgs for that section, township and range. The depth to groundwater map utilized by NMOCD, District 1, indicates depth to groundwater ranging from 100 to 110 feet for that area. During the installation of Soil Boring 1 (SB-1) to a true subsurface depth of approximately 100 feet bgs, groundwater was not encountered. 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

TOTAL BTEX: 50 ppm

TPH: 100 ppm

DISTRIBUTION OF HYDROCARBONS IN THE UNSATURATED ZONE

The final excavation dimensions of the 1st crude oil release (27 June 2005), inside Jal Tank Farm proper, which includes the release point and flow path area are approximately 20 feet long and 20 feet wide and approximately 2 feet bgs. The final excavation dimensions of the 2nd and 3rd crude oil releases (13 and 27 July 2005), adjacent to Jal Tank Farm, which includes the release point and flow path area are approximately 115 feet long by 26 feet wide and ranges in depth from approximately 5 to 15 feet bgs. Approximately 1700 cubic yards of impacted soil has been stockpiled on-site commensurate with remediation activities conducted.

In August 2005, five (5) soil samples were collected from the floor and walls of the excavation adjacent to Jal Tank Farm, ranging in depth from approximately 6 to 15 feet bgs. Field screening with a PID indicated elevated concentrations of VOCs existed on the floor and walls of the excavation. Based on the field screening data, further horizontal and vertical delineation of the crude oil release site was warranted.

On 06, 07 and 08 September 2005, Basin installed eight (8) soil borings utilizing an air rotary drill rig operated by Straub Corporation, Stanton, Texas, to evaluate the vertical extent of crude oil impact adjacent to the release point and flow path area. Six (6) soil borings were installed adjacent to the Jal Tank Farm and two (2) were installed inside Jal Tank Farm. The eight (8) soil borings were installed at surface grade and ranged in depth from approximately 20 to 100 feet bgs. Subsurface soil samples were collected at five (5) feet intervals and field screened with a PID. No visual observations of free phase hydrocarbons (PSH) or groundwater were encountered during the installation of the soil borings. The selected samples were analyzed for constituent concentrations of benzene, toluene, ethylbenzene, xylenes (BTEX) and total petroleum hydrocarbons- gasoline range organics/diesel range organics (TPH-GRO/DRO). Laboratory data sheets and chain-of-custody forms are attached (Appendix B).

Soil Boring 1, as depicted on the Excavation Site Map & Soil Boring Locations (Figure 3), was installed adjacent to the 13 and 27 July 2005 (SRS # 2005-00172 & 2005-00183) release point at surface grade. The soil boring was installed to a subsurface depth of approximately 100 feet bgs. Soil samples collected at depths of approximately 5, 15, 25, 40, 50, 60, 70, 80, 90 and 100 feet were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX were reported below NMOCD regulatory standards for the 5, 15 and 25 feet soil samples and were not detected above laboratory method detection limits for the 40, 50, 60, 70, 80, 90 and 100 feet soil samples. Laboratory results indicated that constituent

concentrations of TPH-GRO/DRO were reported below NMOCD regulatory standards for the 50 and 60 feet soil samples and exceeded NMOCD regulatory standards for the 5, 15, 25, 40, 70, 80, 90 and 100 feet soil samples at 7560 mg/kg, 4760 mg/kg, 1320 mg/kg, 455 mg/kg, 279 mg/kg, 227 mg/kg, 227 mg/kg, 118 mg/kg and 576 mg/kg, respectively.

Soil Boring 2, was installed up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 40 feet bgs. Soil samples collected at depths of approximately 5, 15, 25 and 40 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX were reported below NMOCD regulatory standards for the 15 feet soil sample and were not detected above laboratory method detection limits for the 5, 25 and 40 feet bgs soil samples. Laboratory results indicated that constituent concentrations of TPH-GRO/DRO were reported to exceed NMOCD regulatory standards for the 5 feet bgs soil sample at 143 mg/kg, and not detected above laboratory method detection limits for the 15, 25 and 40 feet soil samples.

Soil Boring 3, was installed up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 60 feet bgs. Soil samples collected at depths of approximately 5, 15, 25, 40, 50 and 60 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX were reported below NMOCD regulatory standards for the 5, 15, 25, 40 and 50 feet soil samples and were not detected above laboratory method detection limits for the 60 feet bgs soil sample. Laboratory results indicated that constituent concentrations of TPH-GRO/DRO were reported to exceed NMOCD regulatory standards for the 5, 15, 25 and 40 feet bgs soil samples at 3070 mg/kg, 4950 mg/kg, 2700 mg/kg and 327 mg/kg, respectively and were below NMOCD regulatory standards for the 50 and 60 feet soil samples.

Soil Boring 4, was installed up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 25 feet bgs. Soil samples collected at depths of approximately 5, 15 and 25 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits for the three (3) soil samples.

Soil Boring 5, was installed up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 25 feet bgs. Soil samples collected at depths of approximately 5, 15 and 25 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits for the three (3) soil samples.

Soil Boring 6, was installed up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 80 feet bgs. Soil samples collected at depths of approximately 5, 15, 25, 40, 50, 60, 70 and 80 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX were reported below NMOCD regulatory standards for the 5, 15, 25 and 40 feet soil samples and were not detected above laboratory method detection limits for the 50, 60, 70 and 80 feet bgs soil samples. Laboratory results indicated that constituent concentrations of TPH-GRO/DRO were reported to exceed NMOCD regulatory standards for the 5, 15, 25, 40, 50, and 60 feet bgs soil samples at 8800 mg/kg, 8170 mg/kg, 9380 mg/kg, 899 mg/kg, 376 mg/kg and 441 mg/kg, respectively and were reported below NMOCD regulatory standards for the 70 and 80 feet soil samples.

Soil Boring 7, was installed at surface grade inside the Jal Tank Farm adjacent to the release point of the 27 June 2005 release. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 60 feet bgs. Soil samples collected at depths of approximately 5, 15, 25, 40, 50 and 60 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX were reported below NMOCD regulatory standards for the 5, 15 and 25 feet soil samples and were not detected above laboratory method detection limits for the 40, 50 and 60 feet bgs soil samples. Laboratory results indicated that constituent concentrations of TPH-GRO/DRO were reported to exceed NMOCD regulatory standards for the 5, 15, 25, 40, 50, and 60 feet bgs soil samples at 3480 mg/kg, 5520mg/kg, 3980 mg/kg, 251 mg/kg, 123 mg/kg and 106 mg/kg, respectively; however, the laboratory results for the 50 and 60 feet soil samples were just above the NMOCD standard and are within the laboratory margin of error limits permitted by NMOCD.

Soil Boring 8, was installed down gradient of the 27 June 2005 release, at surface grade inside the Jal Tank Farm and cross gradient to the release point of the 2nd and 3rd crude oil releases. Soil samples were collected at five (5) feet intervals and field screened with a PID. The soil boring was installed to a subsurface depth of approximately 40 feet bgs. Soil samples collected at depths of approximately 5, 15 25 and 40 feet bgs were submitted for analysis. Laboratory results indicated that constituent concentrations of BTEX and TPH-GRO/DRO were not detected above laboratory method detection limits for the four (4) soil samples.

RECOMMENDATIONS FOR REMEDIATION

Based on the visual observations of the numerous subsurface high volume pipelines entering and exiting that section of Jal Station, numerous high voltage control panels and subsurface high voltage power lines surrounding both release sites, Basin recommends from a safety aspect, that the two (2) areas be excavated to a depth of approximately 8 to 10 beet bgs, dependent on subsurface pipelines, above ground

power panels and subsurface power lines. Additionally, the excavated area adjacent to Jal Tank Farm borders a large tank secondary containment berm, which will hinder the total depth of the excavation, due to the possibility of deteriorating the integrity of the large tank berm.

Approximately 1700 cubic yards of impacted soil and clean overburden have been excavated and stockpiled on-site resulting from the emergency responses and remediation activities. The proposed over excavation of the two (2) crude oil release areas will yield a total of approximately 2300 cubic yards of impacted and clean overburden stockpiled on site. Basin and Plains propose to blend the excavated impacted soils with the clean overburden. The blended soil will be divided into equal cell grids of approximately 500 cubic yards. Confirmation soil samples from the blended material will be collected to ensure TPH-GRO/DRO concentrations of less than 1000 mg/kg.

Due to the limited vertical crude oil impact derived from analytical results commensurate with excavation and drilling activities, Plains recommends than an impermeable barrier consisting of a 20-mil poly liner be permanently installed at the base of the excavations to inhibit vertical migration of contaminants in soil left in place below the liner (see Figure 5, Installation Diagram of 20-mil Poly Liner). The barrier will extend to a minimum of three (3) feet beyond the edges of soil impacted above NMOCD remedial thresholds. The three (3) feet barrier extension beyond impacted soil above NMOCD remedial thresholds to the west edge of the excavation (SRS # 2005-00172 & 2005-00183), may not be feasible as the secondary containment berm may prohibit excavation activities. If this situation occurs, the barrier will be installed adjacent to the secondary containment berm at approximately 8 to 10 feet bgs. A 6-inch layer of fine cushion sand will be installed beneath and above the 20-mil poly liner to prevent degrading the integrity of the poly liner. Installation of the 20-mil poly liner at a depth of approximately 8 to 10 feet bgs will protect the barrier from erosion and human intrusion for a term sufficient to allow natural attenuation of contaminates in the soil.

Once the installation of the 20-mil poly liner is completed, backfilling of the excavations will be initiated with the blended material which has met the 1000 mg/kg THP-GRO/DRO threshold. Once backfilling has been completed, the backfilled excavations will be contoured to the original grade surrounding the site.

Upon completion of backfilling the excavation, Basin on behalf of Plains, will submit a closure request for NMOCD approval. Basin on behalf of Plains, request approval from NMOCD, Hobbs District I, to implement these proposed final remediation and site closure activities based on the remediation activities conducted at the Tank 374 10" Sweet Truck Haul Line crude oil release sites.

QA/QC PROCEDURES

Soil Sampling

Soil samples were delivered to Trace Analysis, Inc., in Midland, Texas for BTEX, TPH-GRO/DRO analyses using the methods described below. Soil samples were analyzed for BTEX, TPH-GRO/DRO within fourteen days following the collection date.

The soil samples were analyzed as follows:

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

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 Remediation/Closure 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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TABLE 1

SOIL CHEMISTRY RESULTS

PLAINS MARKETING, L.P.
TANK 374 10" SWEET TRUCK HAUL LINE
LEA COUNTY, NEW MEXICO
SRS: 2005-00172

SAMPLE LOCATION	SAMPLE DEPTH (Below normal surface grade)	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M		TOTAL TPH	CHLORIDES
			BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENE	GRO	DRO		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-1 5'	5' bgs	09/06/05	<0.025	0.096	0.087	1.47	0.806	1450	6110	7,560	
SB-1 15'	15' bgs	09/06/05	<0.025	<0.025	<0.025	0.179	0.048	710	4050	4760	
SB-1 25'	25' bgs	09/06/05	<0.025	<0.025	<0.025	0.028	<0.025	144	1180	1,320	<20
SB-1 40'	40' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	14.4	441	455	
SB-1 50'	50' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	47	47	
SB-1 60'	60' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	11.4	83.8	95.2	
SB-1 70'	70' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	16.1	263	279	
SB-1 80'	80' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	227	227	
SB-1 90'	90' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	118	118	
SB-1 100'	100' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	24.5	551	576	
SB-2 5'	5' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	143	143	
SB-2 15'	15' bgs	09/06/05	<0.025	<0.025	<0.025	0.027	<0.025	<10.0	<10.0	<10.0	
SB-2 25'	25' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-2 40'	40' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-3 5'	5' bgs	09/07/05	<0.025	<0.025	0.0298	0.059	0.029	546	2520	3070	
SB-3 15'	15' bgs	09/07/05	<0.025	<0.025	0.031	0.204	0.046	798	4150	4950	
SB-3 25'	25' bgs	09/07/05	0.028	0.176	0.050	0.254	0.096	737	1960	2700	
SB-3 40'	40' bgs	09/07/05	<0.025	0.025	<0.025	0.030	<0.025	32.4	295	327	

TABLE 1 (cont)

SOIL CHEMISTRY RESULTS

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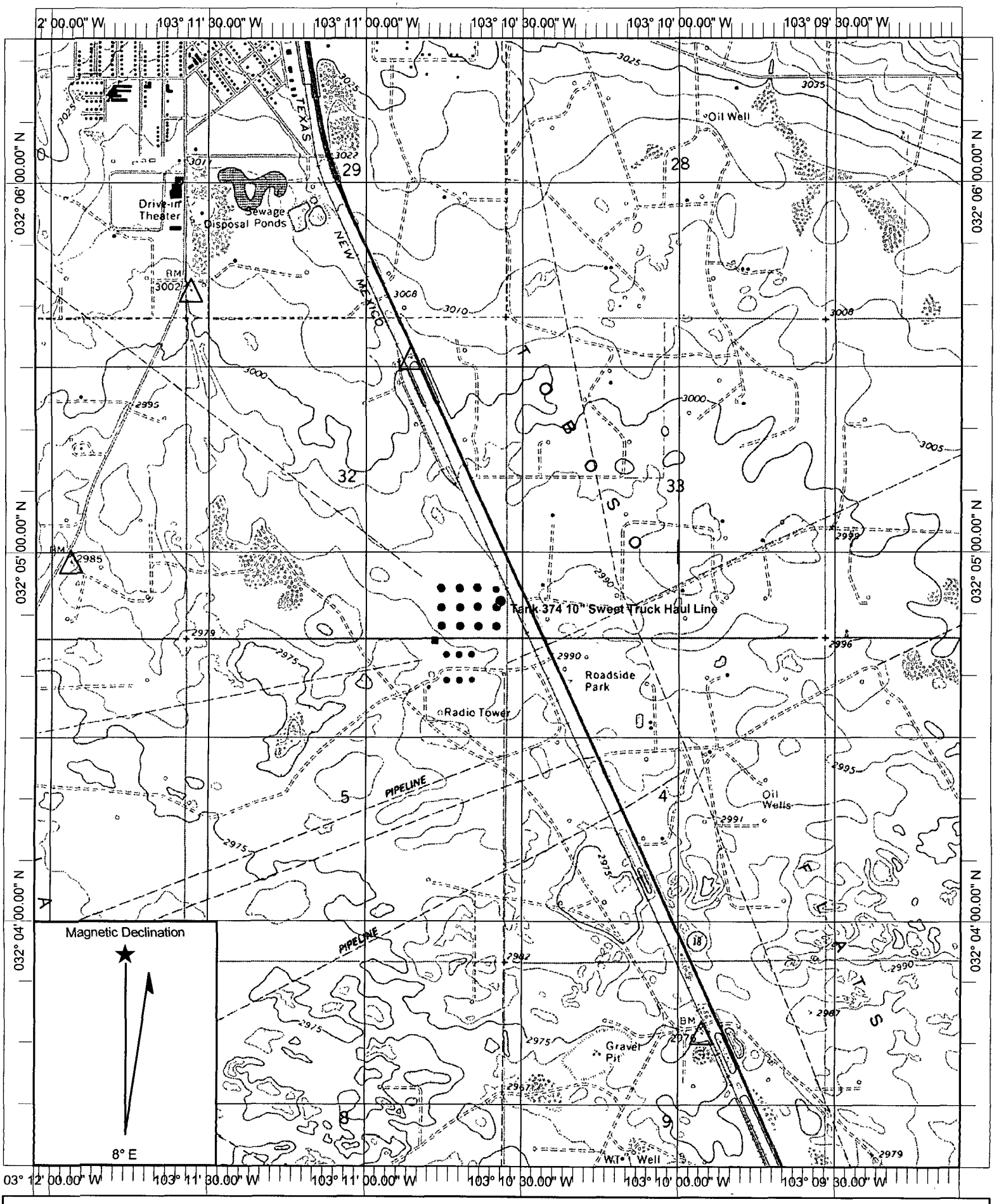
			BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENE	GRO	DRO		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-3 50'	50' bgs	09/07/05	<0.025	<0.025	<0.025	0.260	<0.025	<10.0	34.7	34.7	
SB-3 60'	60' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	25.6	25.6	
SB-4 5'	5' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-4 15'	15' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-4 25'	25' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-5 5'	5' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-5 15'	15' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-5 25'	25' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-6 5'	5' bgs	09/07/05	0.593	1.26	1.16	4.82	2.63	2200	6600	8800	
SB-6 15'	15' bgs	09/07/05	<0.025	0.683	1.16	6.04	2.35	1900	6270	8170	
SB-6 25'	25' bgs	09/07/05	0.212	1.72	1.85	14.5	5.50	2510	6870	9380	
SB-6 40'	40' bgs	09/07/05	<0.025	0.026	0.028	0.236	0.064	97.7	801	899	
SB-6 50'	50' bgs	09/07/05	<0.025	<0.025	<0.025	0.033	<0.025	34	342	376	
SB-6 60'	60' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	29.6	411	441	
SB-6 70'	70' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	25.4	25.4	
SB-6 80'	80' bgs	09/07/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	26	26	

TABLE 1 (cont)

SOIL CHEMISTRY RESULTS

PLAINS MARKETING, L.P.
TANK 374 10" SWEET TRUCK HAUL LINE
LEA COUNTY, NEW MEXICO
SRS: 2005-00172

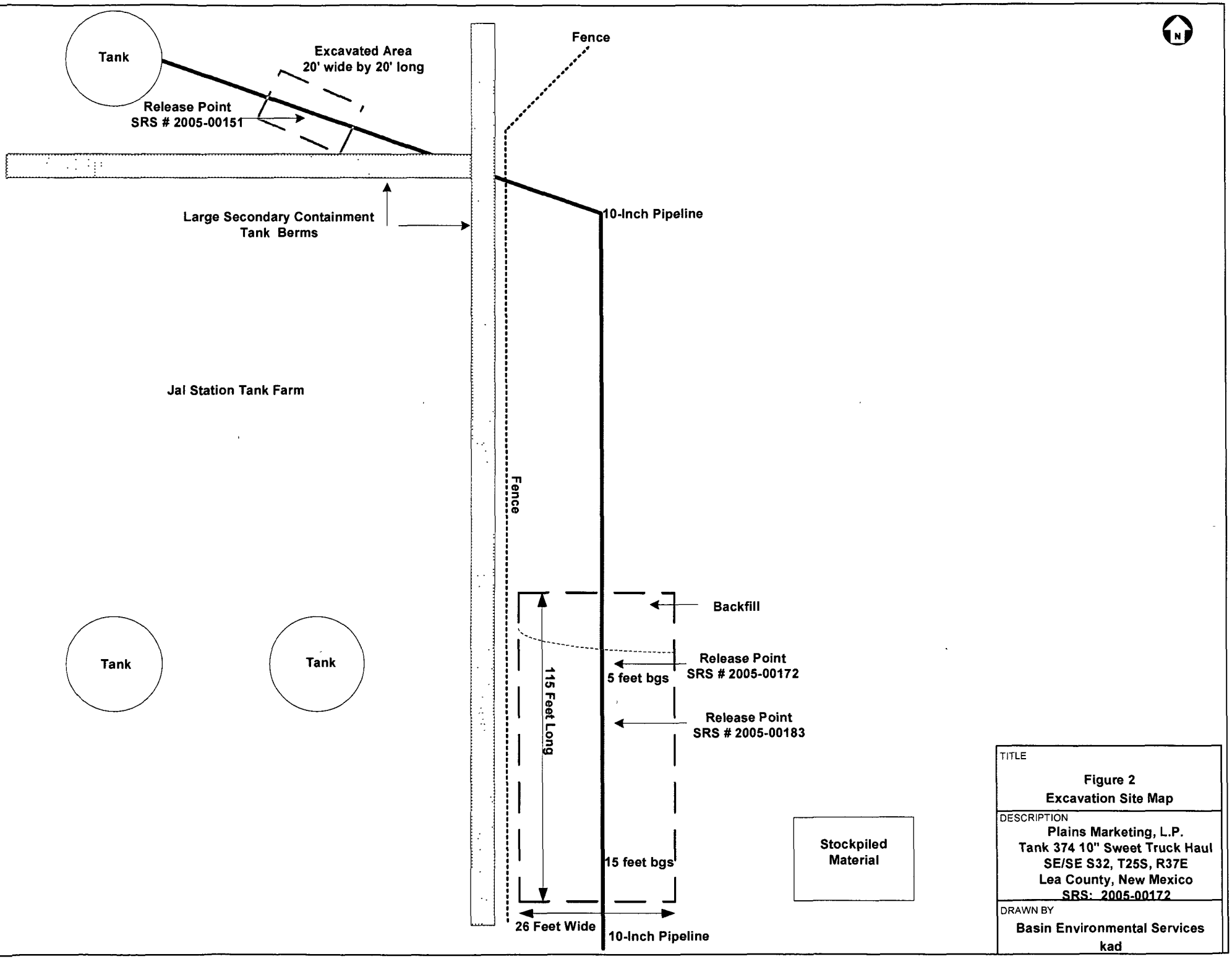
SAMPLE LOCATION	SAMPLE DEPTH (Below normal surface grade)	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030					METHOD: 8015M		TOTAL TPH	CHLORIDES
			BENZENE	TOLUENE	ETHYL-BENZENE	M,P-XYLENES	O-XYLENE	GRO	DRO		
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
SB-7 5'	5' bgs	09/08/05	<0.025	0.076	0.065	0.561	0.202	925	2550	3480	
SB-7 15'	15' bgs	09/08/05	0.042	0.246	0.206	2.19	0.879	1390	4130	5520	
SB-7 25'	25' bgs	09/08/05	<0.025	0.127	0.107	0.793	0.306	781	3200	3980	
SB-7 40'	40' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	12.6	238	251	
SB-7 50'	50' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	123	123	
SB-7 60'	60' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	106	106	
SB-8 5'	5' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-8 15'	15' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-8 25'	25' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
SB-8 40'	40' bgs	09/08/05	<0.025	<0.025	<0.025	<0.025	<0.025	<10.0	<10.0	<10.0	
NMOCD CRITERIA			10	TOTAL BTEX 50						100	



Name: JAL
Date: 1/25/2008
Scale: 1 inch equals 2000 feet

Location: 032° 04' 51.90" N 103° 10' 34.59" W NAD27
Caption: Figure 1, Site Location Map
Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line

Datum: NAD27



TITLE

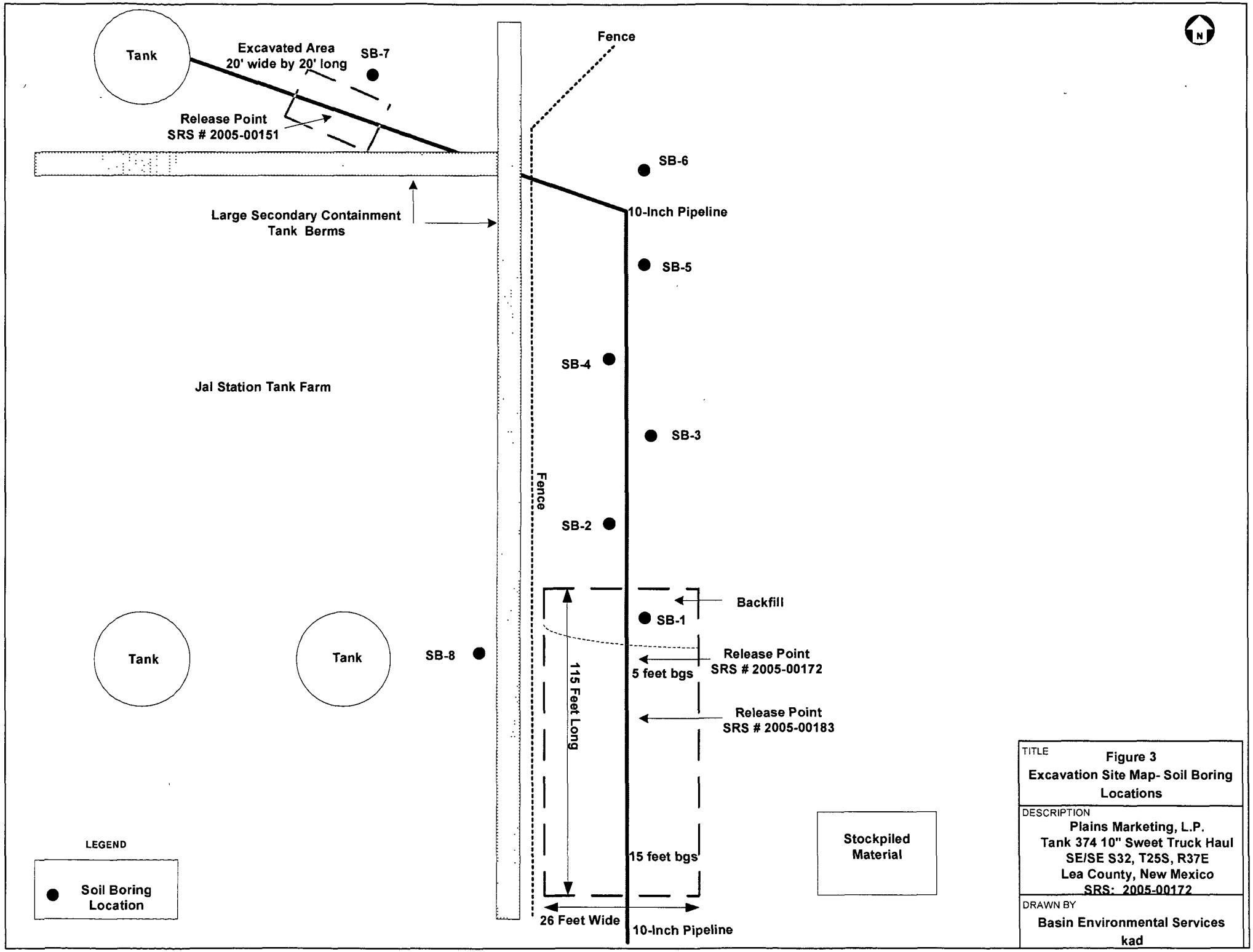
Figure 2
Excavation Site Map

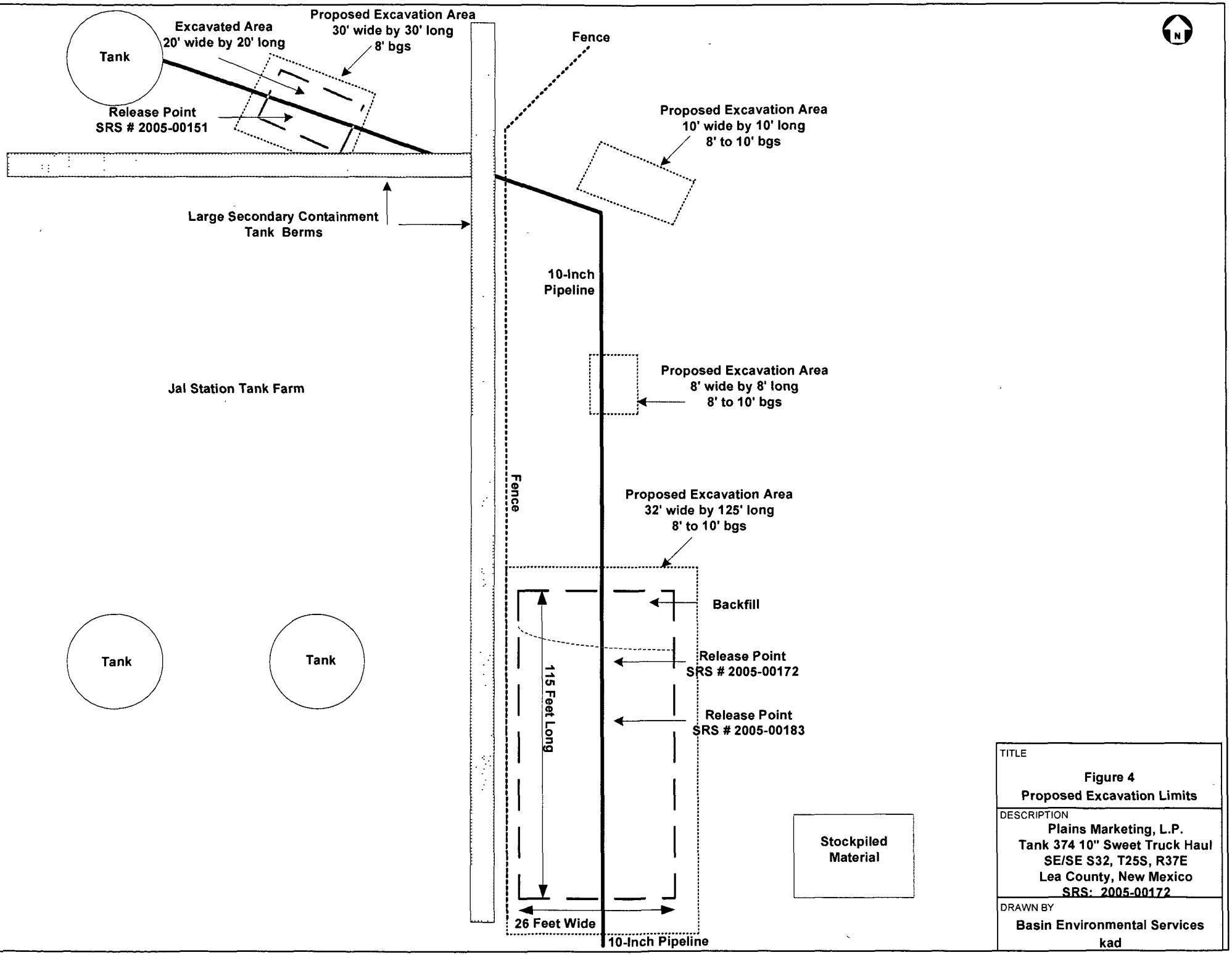
DESCRIPTION

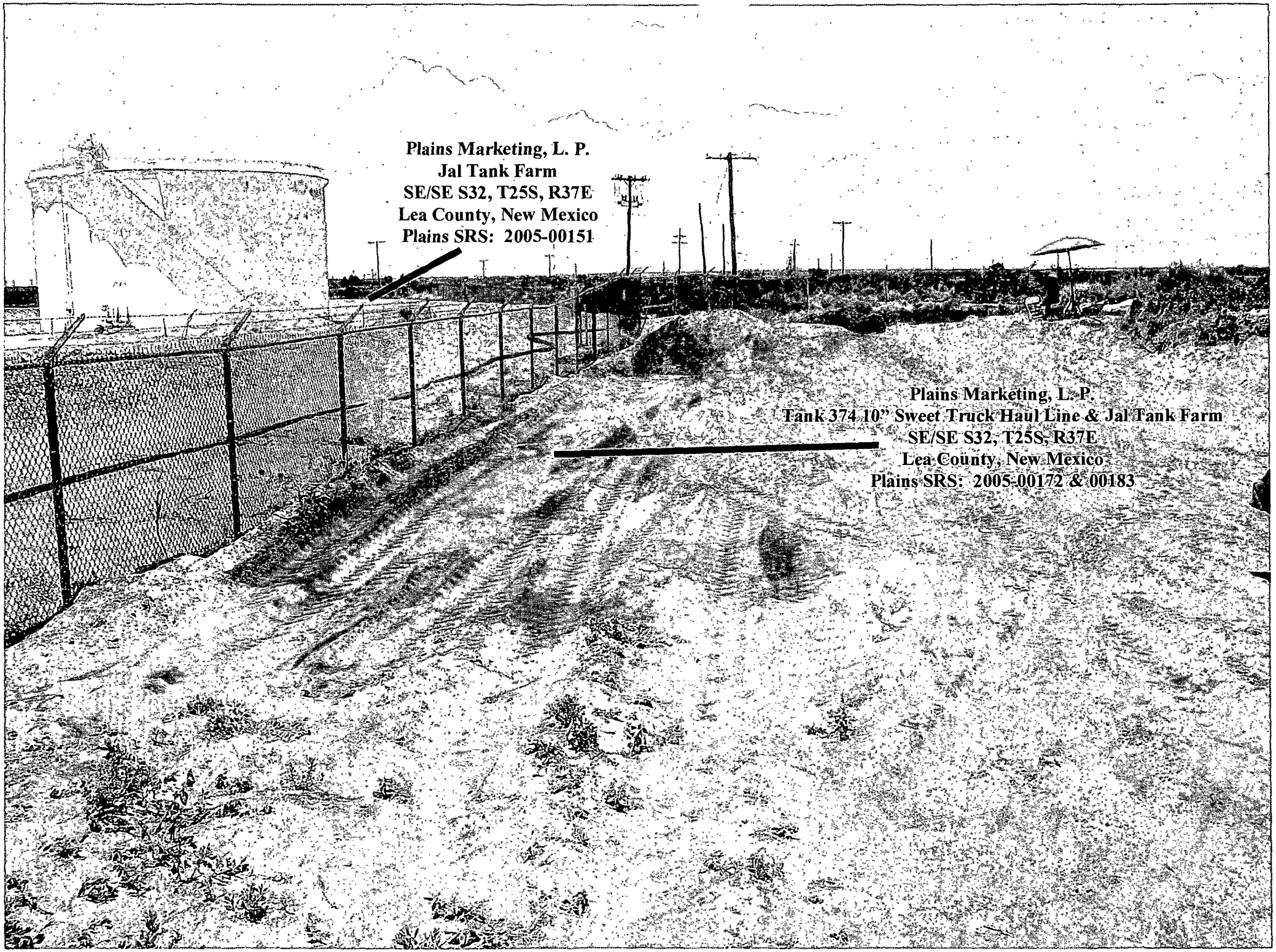
Plains Marketing, L.P.
Tank 374 10" Sweet Truck Haul
SE/SE S32, T25S, R37E
Lea County, New Mexico
SRS: 2005-00172

DRAWN BY

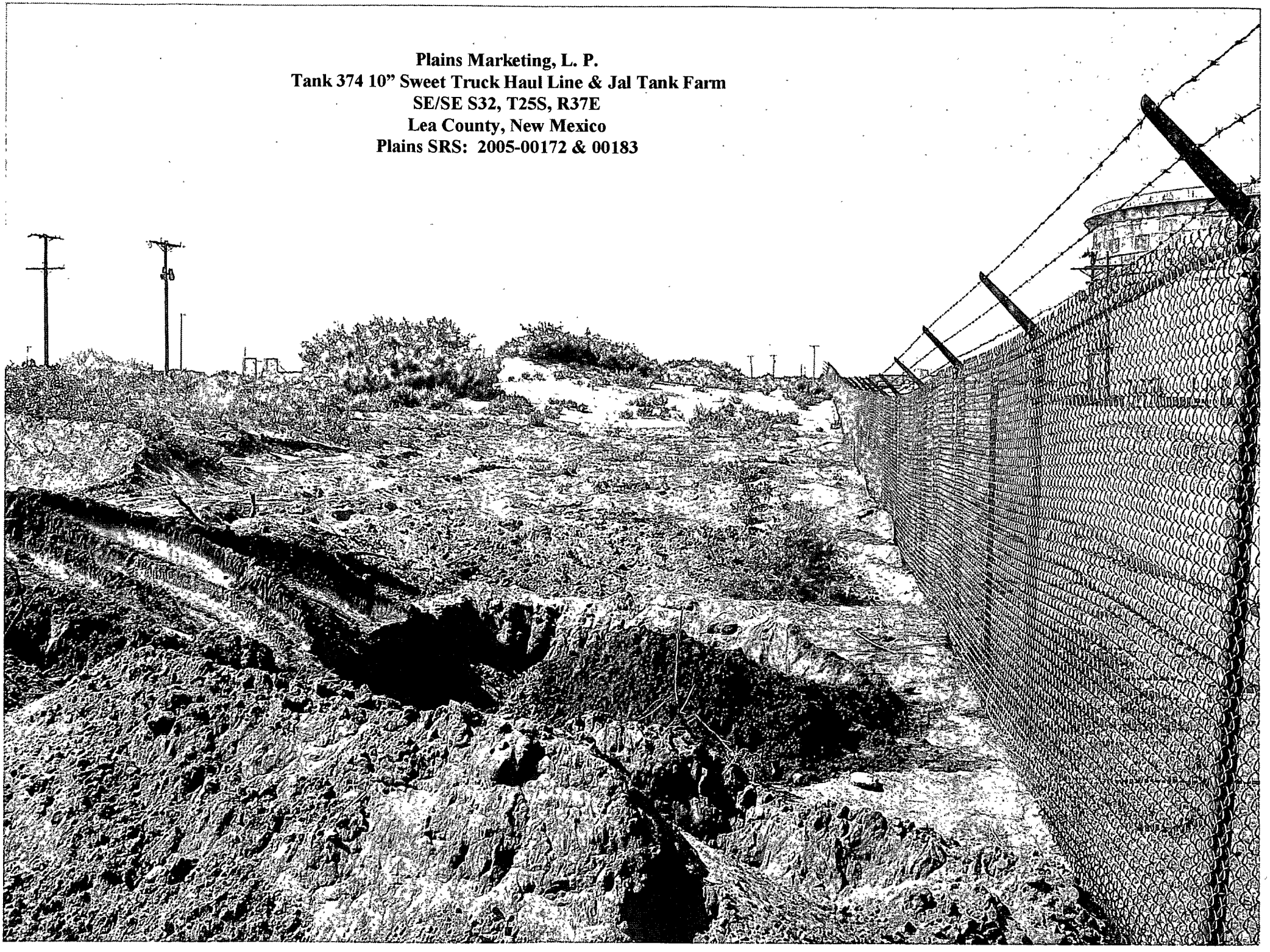
Basin Environmental Services
kad

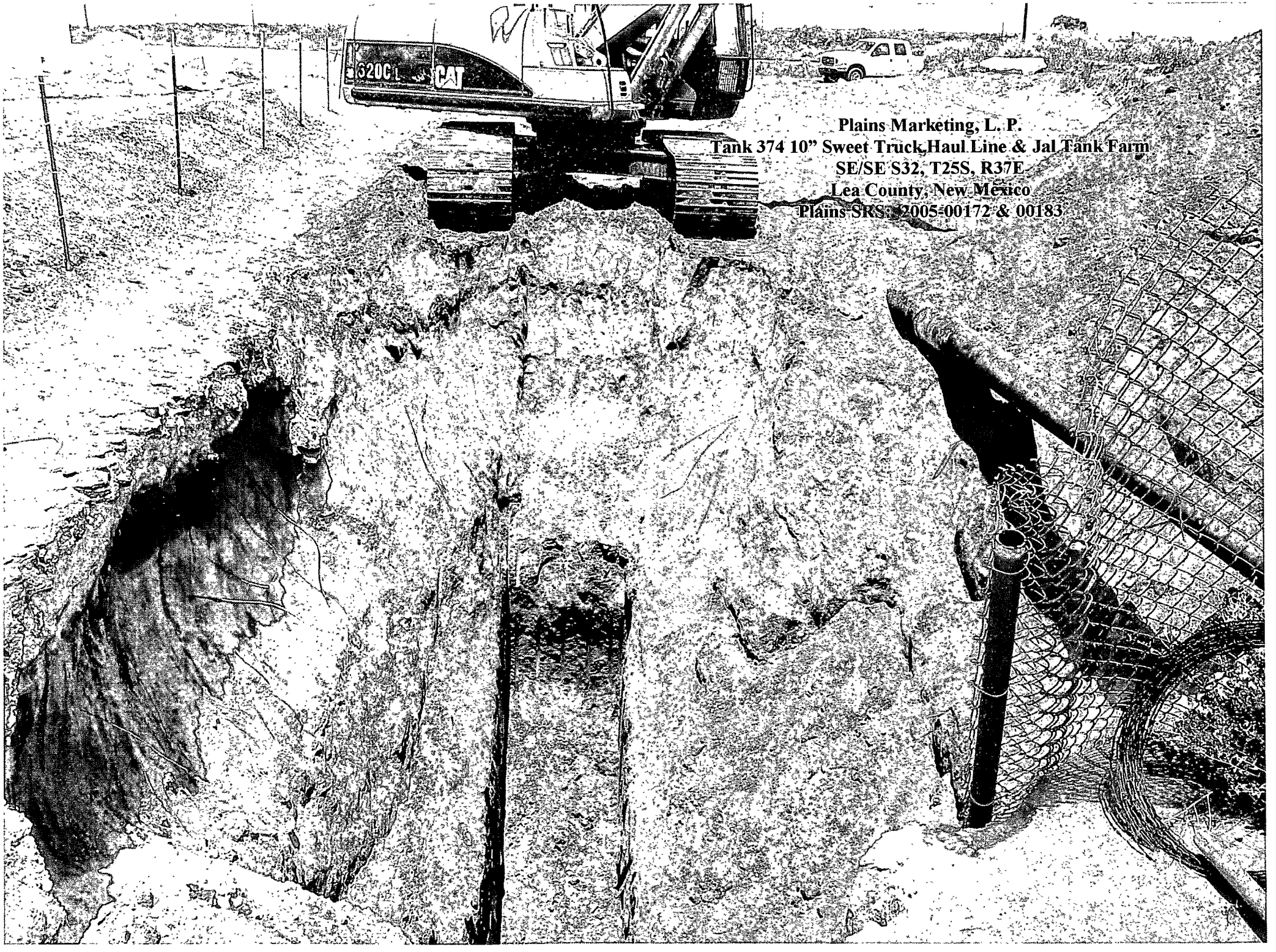

Tank
Excavated Area
20' wide by 20' long
SB-7
Release Point
SRS # 2005-00151
Fence
SB-6
10-Inch Pipeline
Large Secondary Containment
Tank Berms
SB-5
SB-4
Jal Station Tank Farm
SB-3
Fence
SB-2
Backfill
SB-1
Tank
Tank
SB-8
Release Point
SRS # 2005-00172
5 feet bgs
115 Feet Long
Release Point
SRS # 2005-00183
15 feet bgs
Stockpiled
Material
LEGEND
Soil Boring
Location
26 Feet Wide
10-Inch Pipeline
TITLE
Figure 3
Excavation Site Map- Soil Boring
Locations
DESCRIPTION
Plains Marketing, L.P.
Tank 374 10" Sweet Truck Haul
SE/SE S32, T25S, R37E
Lea County, New Mexico
SRS: 2005-00172
DRAWN BY
Basin Environmental Services
kad


Tank
Excavated Area
20' wide by 20' long
Proposed Excavation Area
30' wide by 30' long
8' bgs
Release Point
SRS # 2005-00151
Fence
Proposed Excavation Area
10' wide by 10' long
8' to 10' bgs
Large Secondary Containment
Tank Berms
10-Inch
Pipeline
Jal Station Tank Farm
Proposed Excavation Area
8' wide by 8' long
8' to 10' bgs
Fence
Proposed Excavation Area
32' wide by 125' long
8' to 10' bgs
Backfill
Tank
Tank
Release Point
SRS # 2005-00172
115 Feet Long
Release Point
SRS # 2005-00183
Stockpiled
Material
26 Feet Wide
10-Inch Pipeline
TITLE
Figure 4
Proposed Excavation Limits
DESCRIPTION
Plains Marketing, L.P.
Tank 374 10" Sweet Truck Haul
SE/SE S32, T25S, R37E
Lea County, New Mexico
SRS: 2005-00172
DRAWN BY
Basin Environmental Services
kad

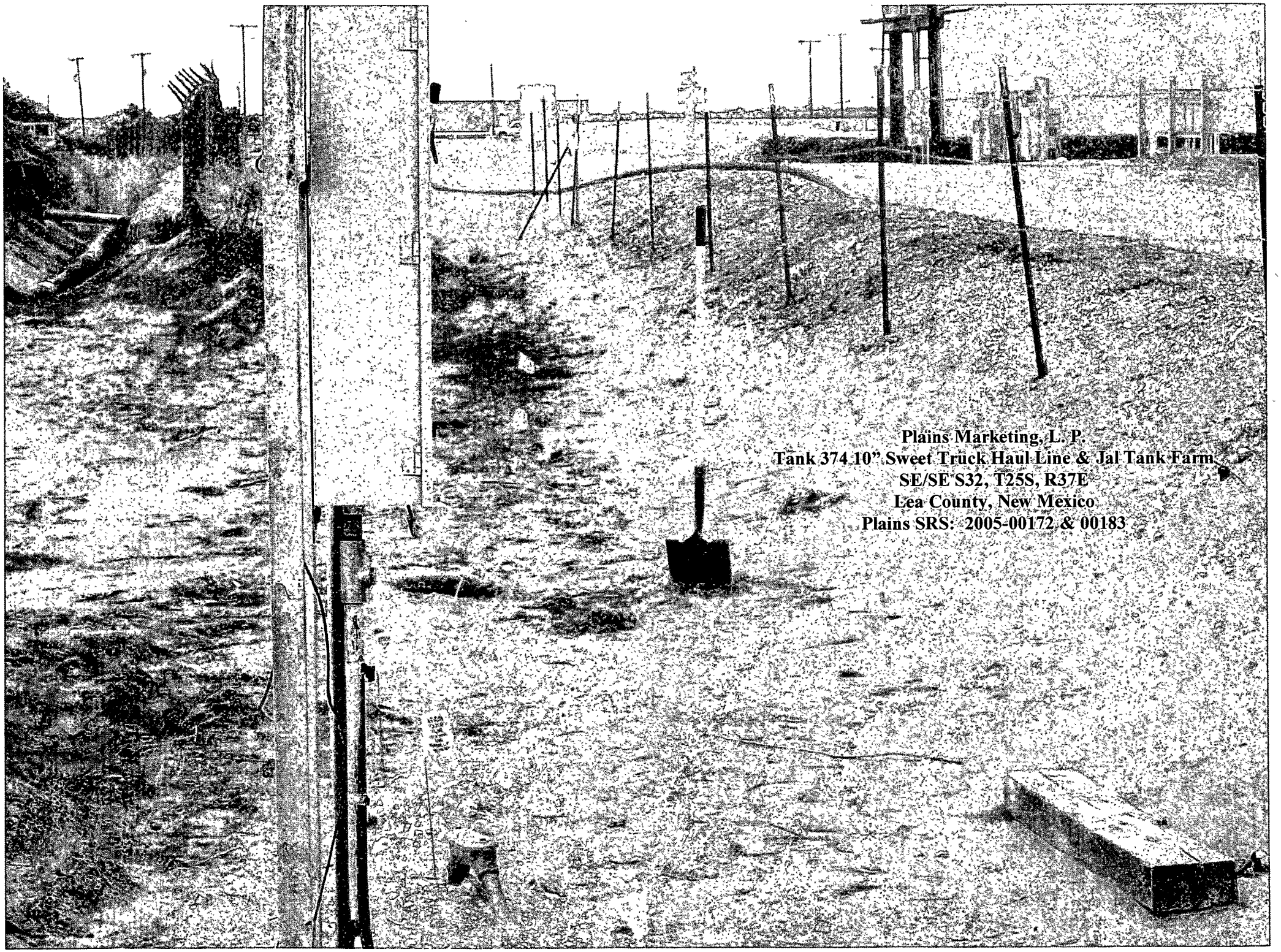

Plains Marketing, L. P.
Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00151
Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00172 & 00183

Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00172 & 00183

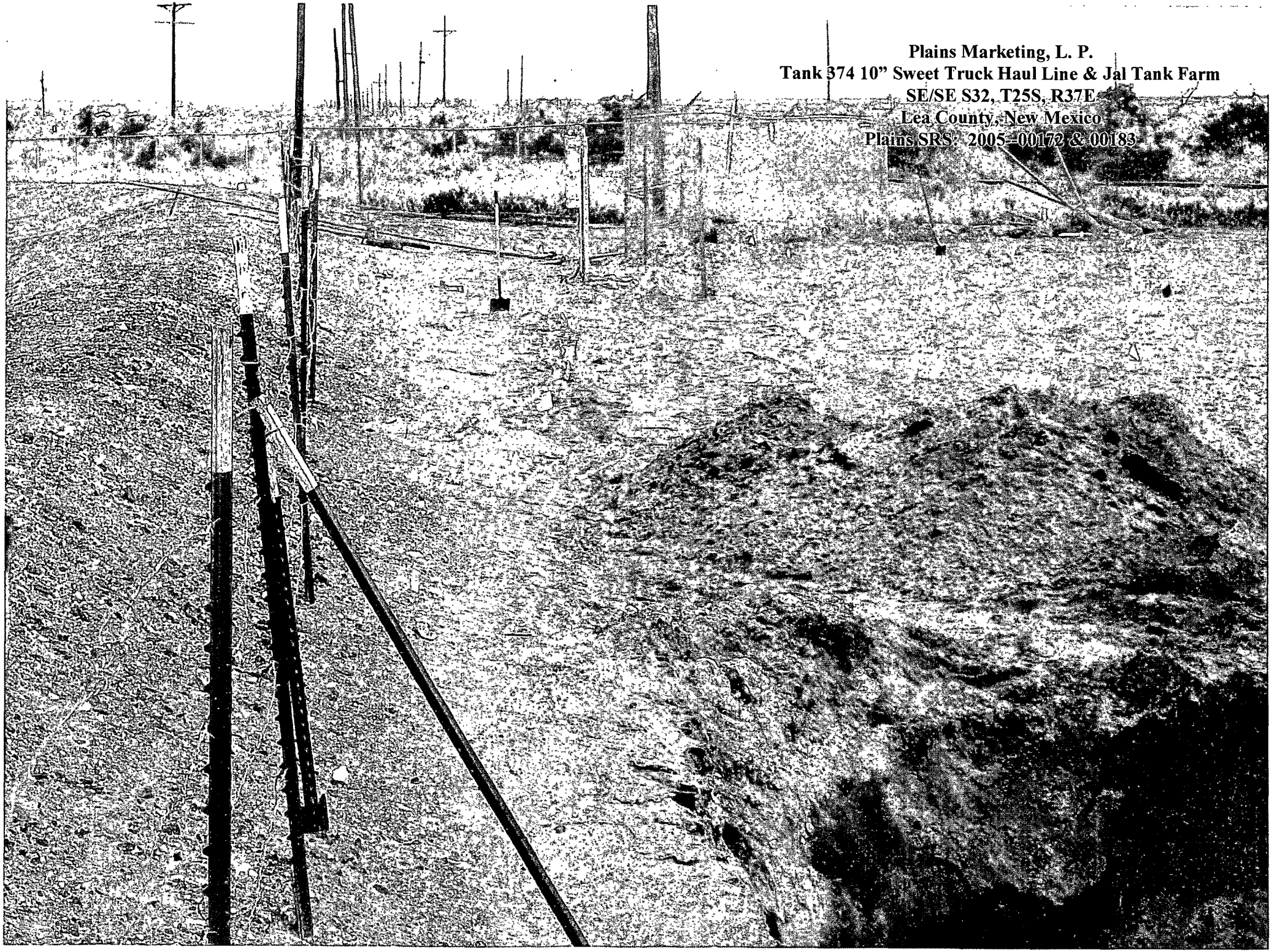




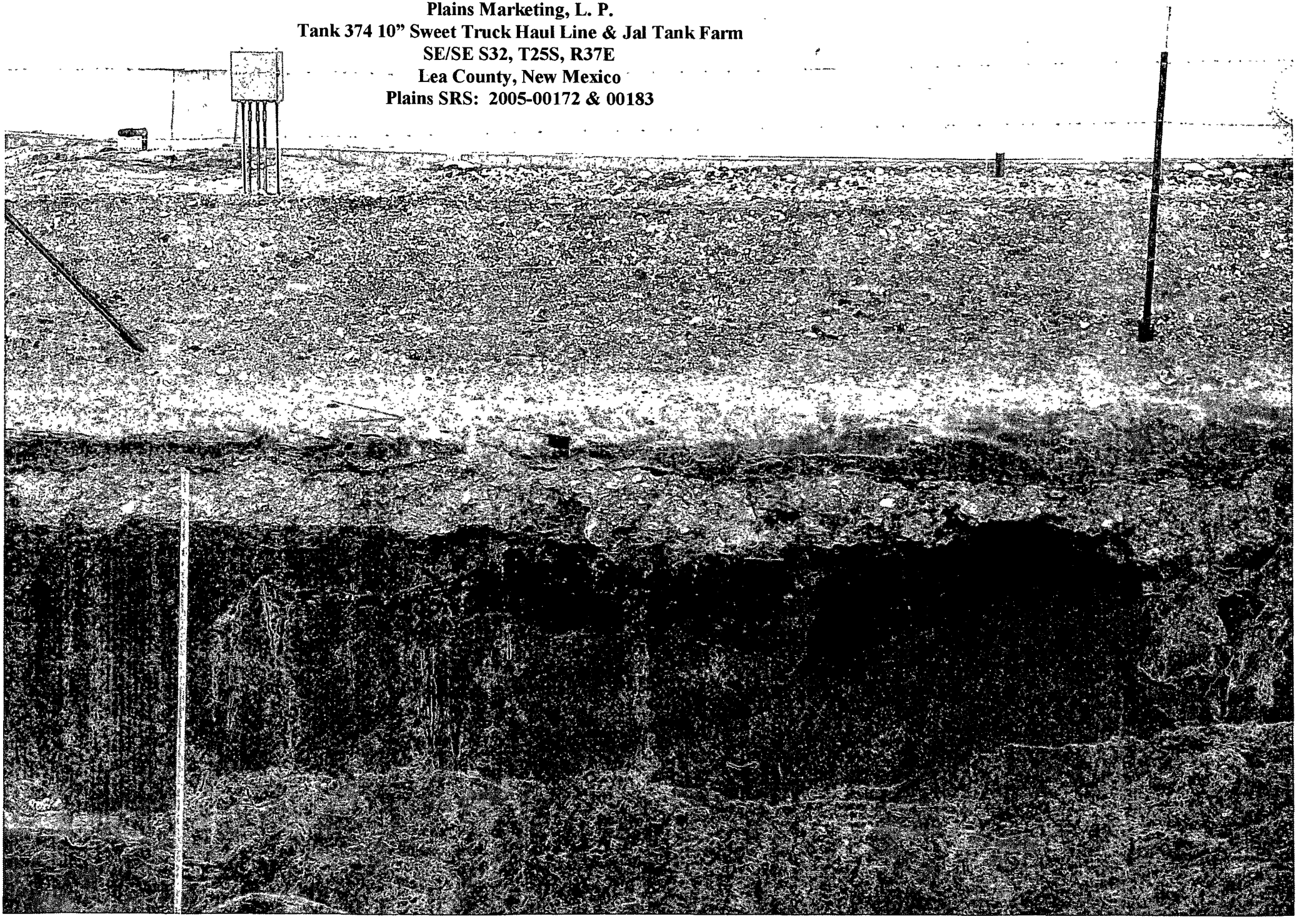
Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00172 & 00183



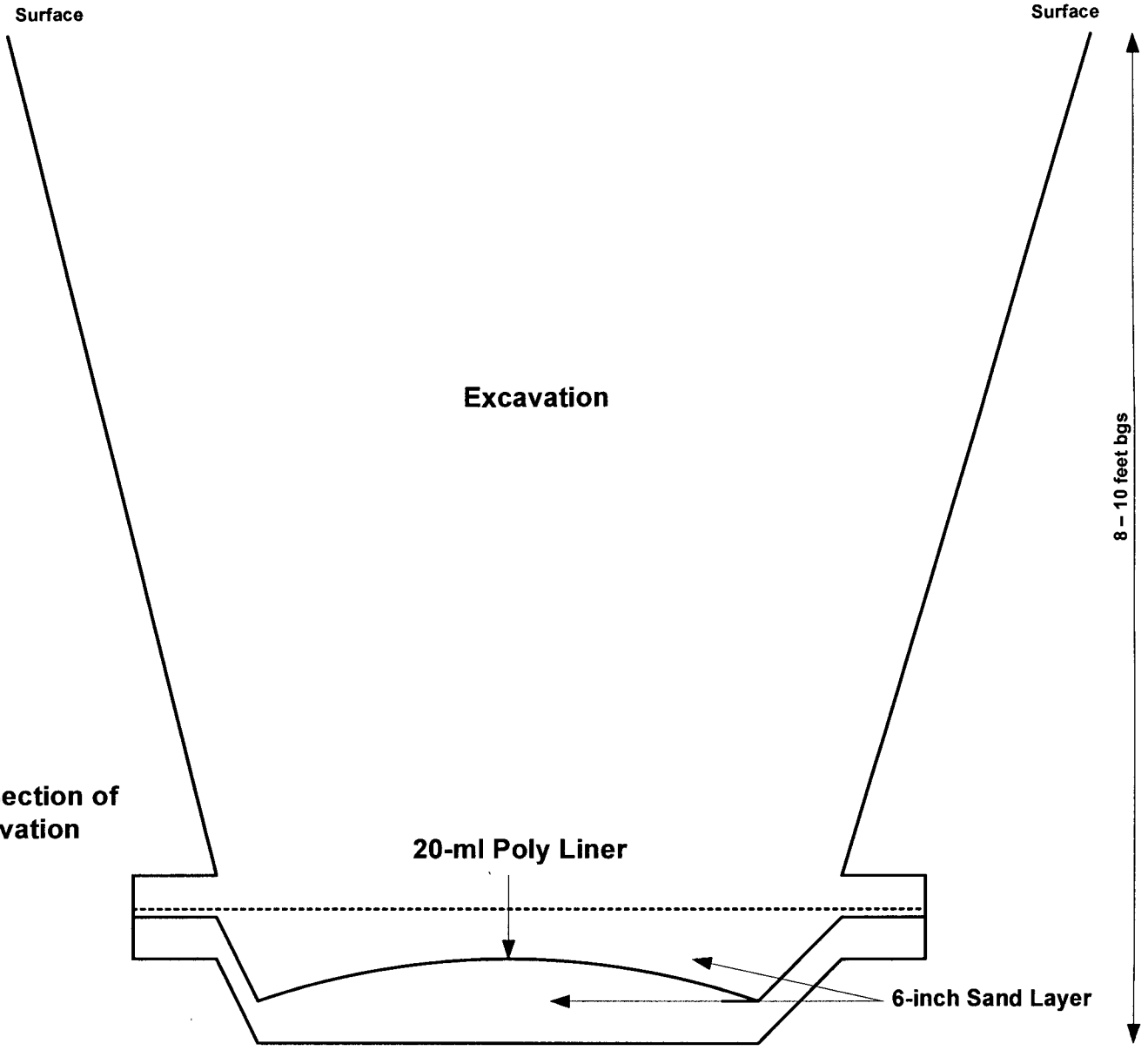
Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00172 & 00183


Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00172 & 00183

Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, New Mexico
Plains SRS: 2005-00172 & 00183



Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line & Jal Tank Farm
SE/SE S32, T25S, R37E
Lea County, NM
Plains SRS: 2005-00172, 2005-00183 & 2005-00151



Cross Section of Excavation

TITLE: Figure 5	DATE: 25 January 2008
DRAWN BY: Basin Environmental Services KAD	LABEL: Installation of 20 ml Poly Liner

New Mexico Office of the State Engineer
POD Reports and Downloads

Township: 25S Range: 37E Sections: 32,33

NAD27 X: Y: Zone: Search Radius:

County: Basin: Number: Suffix:

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

POD / Surface Data Report | Avg Depth to Water Report | Water Column Report

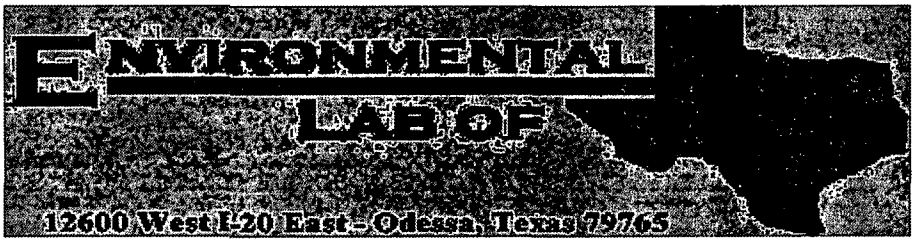
Clear Form | iWATERS Menu | Help

WATER COLUMN REPORT 11/12/2007

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are biggest to smallest)

POD Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water Column (in feet)
CP 00901	25S	37E	32	4	3	4				96		
CP 00905	25S	37E	32	4	3	4				100		
CP 00900	25S	37E	32	4	3	4				101		
CP 00902	25S	37E	32	4	3	4				95		
CP 00904	25S	37E	32	4	3	4				97		
CP 00903	25S	37E	32	4	3	4				95		
CP 00906	25S	37E	32	4	3	4				102		

Record Count: 7



Analytical Report

Prepared for:

Daniel Bryant

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Tank 374 10" Sweet Truck Haul Line

Project Number: EMS: 2005-00172

Location: Lea County, NM

Lab Order Number: 5I12001

Report Date: 09/15/05

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1 5'	5I12001-01	Soil	09/06/05 10 34	09/09/05 16 55
SB-1 15'	5I12001-02	Soil	09/06/05 10 40	09/09/05 16 55
SB-1 25'	5I12001-03	Soil	09/06/05 10 47	09/09/05 16 55
SB-1 40'	5I12001-04	Soil	09/06/05 10 57	09/09/05 16 55
SB-1 50'	5I12001-05	Soil	09/06/05 11 02	09/09/05 16 55
SB-1 60'	5I12001-06	Soil	09/06/05 11 06	09/09/05 16 55
SB-1 70'	5I12001-07	Soil	09/06/05 11 25	09/09/05 16 55
SB-1 80'	5I12001-08	Soil	09/06/05 11.58	09/09/05 16 55
SB-1 90'	5I12001-09	Soil	09/06/05 12.28	09/09/05 16 55
SB-1 100'	5I12001-10	Soil	09/06/05 12.50	09/09/05 16 55
SB-2 5'	5I12001-11	Soil	09/06/05 15.00	09/09/05 16 55
SB-2 15'	5I12001-12	Soil	09/06/05 15 09	09/09/05 16 55
SB-2 25'	5I12001-13	Soil	09/06/05 15 13	09/09/05 16.55
SB-2 40'	5I12001-14	Soil	09/06/05 15 22	09/09/05 16 55
SB-3 5'	5I12001-15	Soil	09/07/05 09 18	09/09/05 16 55
SB-3 15'	5I12001-16	Soil	09/07/05 09 25	09/09/05 16 55
SB-3 25'	5I12001-17	Soil	09/07/05 09 31	09/09/05 16 55
SB-3 40'	5I12001-18	Soil	09/07/05 09 41	09/09/05 16 55
SB-3 50'	5I12001-19	Soil	09/07/05 10 01	09/09/05 16 55
SB-3 60'	5I12001-20	Soil	09/07/05 10 06	09/09/05 16 55
SB-4 5'	5I12001-21	Soil	09/07/05 11 12	09/09/05 16 55
SB-4 15'	5I12001-22	Soil	09/07/05 11.19	09/09/05 16 55
SB-4 25'	5I12001-23	Soil	09/07/05 11 27	09/09/05 16 55
SB-5 5'	5I12001-24	Soil	09/07/05 13 36	09/09/05 16 55
SB-5 15'	5I12001-25	Soil	09/07/05 13 45	09/09/05 16 55
SB-5 25'	5I12001-26	Soil	09/07/05 13 53	09/09/05 16 55
SB-6 5'	5I12001-27	Soil	09/07/05 15 28	09/09/05 16 55
SB-6 15'	5I12001-28	Soil	09/07/05 15 39	09/09/05 16 55
SB-6 25'	5I12001-29	Soil	09/07/05 15 46	09/09/05 16 55
SB-6 40'	5I12001-30	Soil	09/07/05 15 55	09/09/05 16 55
SB-6 50'	5I12001-31	Soil	09/07/05 16 01	09/09/05 16 55
SB-6 60'	5I12001-32	Soil	09/07/05 16.09	09/09/05 16 55
SB-6 70'	5I12001-33	Soil	09/07/05 16 14	09/09/05 16 55
SB-6 80'	5I12001-34	Soil	09/07/05 16.26	09/09/05 16.55

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax. (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 5' (5I12001-01) Soil									
Benzene	**J [0.00822]**	0 0250	mg/kg dry	25	EI51212	09/12/05	09/13/05	EPA 8021B	J
Toluene	**0.0963**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**0.0876**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**1.47**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.806**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*96 9 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1450**	50 0	mg/kg dry	5	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**6110**	50 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**7560**	50 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*19.9 %*	*70-130*		"	"	"	"	*S-06*
Surrogate: 1-Chlorooctadecane		*23.2 %*	*70-130*		"	"	"	"	*S-06*
SB-1 15' (5I12001-02) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/13/05	EPA 8021B	
Toluene	**J [0.0118]**	0 0250	"	"	"	"	"	"	J
Ethylbenzene	**J [0.0187]**	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	**0.179**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.0484**	0 0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*88.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**710**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**4050**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4760**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*107 %*	*70-130*		"	"	"	"	
Surrogate· 1-Chlorooctadecane		*121 %*	*70-130*		"	"	"	"	
SB-1 25' (5I12001-03) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	EPA 8021B	
Toluene	ND	0 0250	"	"	"	"	"	"	
Ethylbenzene	ND	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0283**	0 0250	"	"	"	"	"	"	
Xylene (o)	ND	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*94.7 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*90.9 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**144**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1180**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**1320**	10 0	"	"	"	"	"	"	

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Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 25' (5I12001-03) Soil									
Surrogate: 1-Chlorooctane		*99.8 %*	*70-130*		*EI51215*	*09/12/05*	*09/13/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*123 %*	*70-130*		"	"	"	"	
SB-1 40' (5I12001-04) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*89.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82 7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**14.4**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**441**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**455**	10 0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*90.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*121 %*	*70-130*		"	"	"	"	
SB-1 50' (5I12001-05) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*94.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**J [8.49]**	10.0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**47.0**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**47.0**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*110 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*130 %*	*70-130*		"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 60' (5I12001-06) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*87.3 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*81.7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**11.4**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**83.8**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**95.2**	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*84.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*112 %*	*70-130*		"	"	"	"	
SB-1 70' (5I12001-07) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*92.4 %*	*80-120*		"	"	"	"	
Surrogate· 4-Bromofluorobenzene		*86.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**16.1**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**263**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**279**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*94.0 %*	*70-130*		"	"	"	"	
Surrogate· 1-Chlorooctadecane		*121 %*	*70-130*		"	"	"	"	
SB-1 80' (5I12001-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*95.7 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**J [9.72]**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**227**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**227**	10.0	"	"	"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-1 80' (5I12001-08) Soil									
Surrogate: 1-Chlorooctane		*92.0 %*	*70-130*		*EI51215*	*09/12/05*	*09/13/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*123 %*	*70-130*		"	"	"	"	
SB-1 90' (5I12001-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*81.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85 4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**J [9.46]**	10.0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**118**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**118**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.2 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*120 %*	*70-130*		"	"	"	"	
SB-1 100' (5I12001-10) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*86 2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**24.5**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**551**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**576**	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*96.2 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*129 %*	*70-130*		"	"	"	"	

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Plains All American EH & S	Project. Tank 374 10" Sweet Truck Haul Line	Fax. (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 5' (5I12001-11) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/13/05	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		*88.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*82.8 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**ND**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**143**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**143**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*90.0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*111 %*	*70-130*		"	"	"	"	
SB-2 15' (5I12001-12) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51212	09/12/05	09/12/05	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		*111 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*104 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*80.8 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*106 %*	*70-130*		"	"	"	"	
SB-2 25' (5I12001-13) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	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		*93.8 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*96.5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	

Organics by GC

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 25' (5I12001-13) Soil									
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		*EI51215*	*09/12/05*	*09/13/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*108 %*	*70-130*		"	"	"	"	
SB-2 40' (5I12001-14) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	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		*98.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*96 5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*88.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*97.4 %*	*70-130*		"	"	"	"	
SB-3 5' (5I12001-15) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	EPA 8021B	
Toluene	**J [0.0131]**	0 0250	"	"	"	"	"	"	J
Ethylbenzene	**0.0298**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0591**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.0290**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*91.3 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**546**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**2520**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**3070**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*116 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 15' (5I12001-16) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	EPA 8021B	
Toluene	**J [0.0218]**	0 0250	"	"	"	"	"	"	J
Ethylbenzene	**0.0317**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.204**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.0469**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*87.3 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*84.5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**798**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**4150**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**4950**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*114 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*120 %*	*70-130*		"	"	"	"	
SB-3 25' (5I12001-17) Soil									
Benzene	**0.0283**	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	EPA 8021B	
Toluene	**0.176**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**0.0508**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.254**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.0961**	0.0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*117 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**737**	10.0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**1960**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**2700**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*116 %*	*70-130*		"	"	"	"	
Surrogate· 1-Chlorooctadecane		*128 %*	*70-130*		"	"	"	"	
SB-3 40' (5I12001-18) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	EPA 8021B	
Toluene	**0.0253**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**ND**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0307**	0 0250	"	"	"	"	"	"	
Xylene (o)	**ND**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*81.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**32.4**	10.0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	**295**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**327**	10 0	"	"	"	"	"	"	

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Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-3 40' (5I12001-18) Soil									
Surrogate: 1-Chlorooctane		*98.4 %*	*70-130*		*EI51215*	*09/12/05*	*09/13/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*127 %*	*70-130*		"	"	"	"	
SB-3 50' (5I12001-19) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	EPA 8021B	
Toluene	ND	0 0250	"	"	"	"	"	"	
Ethylbenzene	**ND**	0.0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0260**	0 0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*92.4 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**J [6.01]**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**34.7**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**34.7**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*91 0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*114 %*	*70-130*		"	"	"	"	
SB-3 60' (5I12001-20) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/13/05	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		*89.0 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*95.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**J [9.16]**	10 0	mg/kg dry	1	EI51215	09/12/05	09/13/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**25.6**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**25.6**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*92.4 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*112 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S. County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 5' (5I12001-21) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	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		*106 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*88 7 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51216	09/12/05	09/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*92.6 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*95.6 %*	*70-130*		"	"	"	"	
SB-4 15' (5I12001-22) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	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		*95.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*83.2 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**J [8.75]**	10 0	"	"	"	"	"	"	J
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.0 %*	*70-130*		"	"	"	"	
Surrogate· 1-Chlorooctadecane		*102 %*	*70-130*		"	"	"	"	
SB-4 25' (5I12001-23) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	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		*103 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 25' (5I12001-23) Soil									
Surrogate: 1-Chlorooctane		*80 2 %*	*70-130*		*EI51216*	*09/12/05*	*09/14/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*91 2 %*	*70-130*		"	"	"	"	
SB-5 5' (5I12001-24) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	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		*93.7 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*97.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*80 8 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SB-5 15' (5I12001-25) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	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		*86.1 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*86.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*91.4 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-5 25' (5I12001-26) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	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		*87.6 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91 6 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*75 0 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*70.0 %*	*70-130*		"	"	"	"	
SB-6 5' (5I12001-27) Soil									
Benzene	**0.593**	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	EPA 8021B	
Toluene	**1.26**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**1.16**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**4.82**	0 0250	"	"	"	"	"	"	
Xylene (o)	**2.63**	0 0250	"	"	"	"	"	"	
Surrogate. a,a,a-Trifluorotoluene		*114 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*84.9 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**2200**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**6600**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**8800**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*111 %*	*70-130*		"	"	"	"	
Surrogate. 1-Chlorooctadecane		*92 6 %*	*70-130*		"	"	"	"	
SB-6 15' (5I12001-28) Soil									
Benzene	**J [0.0992]**	0 100	mg/kg dry	100	EI51403	09/13/05	09/14/05	EPA 8021B	J
Toluene	**0.683**	0 100	"	"	"	"	"	"	
Ethylbenzene	**1.16**	0 100	"	"	"	"	"	"	
Xylene (p/m)	**6.04**	0 100	"	"	"	"	"	"	
Xylene (o)	**2.35**	0 100	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1900**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**6270**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**8170**	10.0	"	"	"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-6 15' (5I12001-28) Soil									
Surrogate: 1-Chlorooctane		*104 %*	*70-130*		*EI51216*	*09/12/05*	*09/14/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*94.4 %*	*70-130*		"	"	"	"	
SB-6 25' (5I12001-29) Soil									
Benzene	**0.212**	0 100	mg/kg dry	100	EI51403	09/13/05	09/14/05	EPA 8021B	
Toluene	**1.72**	0 100	"	"	"	"	"	"	
Ethylbenzene	**1.85**	0 100	"	"	"	"	"	"	
Xylene (p/m)	**14.5**	0 100	"	"	"	"	"	"	
Xylene (o)	**5.50**	0 100	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*136 %*	*80-120*		"	"	"	"	*S-04*
Surrogate: 4-Bromofluorobenzene		*112 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**2510**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**6870**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**9380**	10 0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*123 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*86.8 %*	*70-130*		"	"	"	"	
SB-6 40' (5I12001-30) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	EPA 8021B	
Toluene	**0.0264**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**0.0281**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.236**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.0642**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*84.0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*85.0 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**97.7**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**801**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**899**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*76.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*89.6 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-6 50' (5I12001-31) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	EPA 8021B	
Toluene	**J [0.0112]**	0 0250	"	"	"	"	"	"	J
Ethylbenzene	**ND**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.0333**	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*95.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**34.0**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**342**	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**376**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*73.4 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*91.0 %*	*70-130*		"	"	"	"	
SB-6 60' (5I12001-32) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51403	09/13/05	09/14/05	EPA 8021B	
Toluene	ND	0 0250	"	"	"	"	"	"	
Ethylbenzene	ND	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**J [0.0235]**	0 0250	"	"	"	"	"	"	J
Xylene (o)	ND	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*98 4 %*	*80-120*		"	"	"	"	
Surrogate. 4-Bromofluorobenzene		*100 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**29.6**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**411**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**441**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*74.8 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*93 2 %*	*70-130*		"	"	"	"	
SB-6 70' (5I12001-33) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	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		*98.2 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*86.6 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**ND**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**25.4**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**25.4**	10.0	"	"	"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-6 70' (5I12001-33) Soil									
Surrogate: 1-Chlorooctane		*72.8 %*	*70-130*		*EI51216*	*09/12/05*	*09/14/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*77.8 %*	*70-130*		"	"	"	"	
SB-6 80' (5I12001-34) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	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		*98.2 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*95.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**ND**	10 0	mg/kg dry	1	EI51216	09/12/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	**26.1**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**26.1**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*73.2 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*75 4 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12:19

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' (5I12001-01) Soil									
% Moisture	**3.2**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 15' (5I12001-02) Soil									
% Moisture	**3.8**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 25' (5I12001-03) Soil									
Chloride	**ND**	20.0	mg/kg Wet	2	EI51419	09/14/05	09/14/05	SW 846 9253	
% Moisture	**5.4**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 40' (5I12001-04) Soil									
% Moisture	**0.3**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 50' (5I12001-05) Soil									
% Moisture	**0.5**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 60' (5I12001-06) Soil									
% Moisture	**1.0**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 70' (5I12001-07) Soil									
% Moisture	**0.4**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 80' (5I12001-08) Soil									
% Moisture	**0.2**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 90' (5I12001-09) Soil									
% Moisture	**2.9**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-1 100' (5I12001-10) Soil									
% Moisture	**0.5**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-2 5' (5I12001-11) Soil									
% Moisture	**0.2**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-2 15' (5I12001-12) Soil									
% Moisture	**0.6**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-2 25' (5I12001-13) Soil									
% Moisture	**0.5**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-2 40' (5I12001-14) Soil									
% Moisture	**0.3**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-3 5' (5I12001-15) Soil									
% Moisture	**0.4**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-3 15' (5I12001-16) Soil									
% Moisture	**0.3**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-3 25' (5I12001-17) Soil									
% Moisture	**1.4**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-3 40' (5I12001-18) Soil									
% Moisture	**1.1**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-3 50' (5I12001-19) Soil									
% Moisture	**0.5**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-3 60' (5I12001-20) Soil									
% Moisture	**0.6**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-4 5' (5I12001-21) Soil									
% Moisture	**0.2**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	

Plains All American EH & S	Project	Tank 374 10" Sweet Truck Haul Line	Fax: (432) 687-4914
1301 S County Road 1150	Project Number	EMS. 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager	Daniel Bryant	09/15/05 12 19

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-4 15' (5I12001-22) Soil									
% Moisture	**0.4**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-4 25' (5I12001-23) Soil									
% Moisture	**2.3**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-5 5' (5I12001-24) Soil									
% Moisture	**0.8**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-5 15' (5I12001-25) Soil									
% Moisture	**7.8**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-5 25' (5I12001-26) Soil									
% Moisture	**8.9**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 5' (5I12001-27) Soil									
% Moisture	**9.8**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 15' (5I12001-28) Soil									
% Moisture	**5.7**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 25' (5I12001-29) Soil									
% Moisture	**1.4**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 40' (5I12001-30) Soil									
% Moisture	**0.9**	0.1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 50' (5I12001-31) Soil									
% Moisture	**0.9**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 60' (5I12001-32) Soil									
% Moisture	**1.5**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/15/05 12 19

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-6 70' (5I12001-33) Soil									
% Moisture	**0.6**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	
SB-6 80' (5I12001-34) Soil									
% Moisture	**2.7**	0 1	%	1	EI51307	09/13/05	09/13/05	% calculation	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EI51212 - EPA 5030C (GC)										
Blank (EI51212-BLK1)				Prepared & Analyzed 09/12/05						
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	*101*		*ug/kg*	*100*		*101*	*80-120*			
Surrogate 4-Bromofluorobenzene	*87 1*		"	*100*		*87 1*	*80-120*			
LCS (EI51212-BS1)				Prepared & Analyzed 09/12/05						
Benzene	96 3		ug/kg	100		96.3	80-120			
Toluene	102		"	100		102	80-120			
Ethylbenzene	117		"	100		117	80-120			
Xylene (p/m)	218		"	200		109	80-120			
Xylene (o)	114		"	100		114	80-120			
Surrogate a,a,a-Trifluorotoluene	*91 6*		"	*100*		*91 6*	*80-120*			
Surrogate 4-Bromofluorobenzene	*86 7*		"	*100*		*86 7*	*80-120*			
Calibration Check (EI51212-CCV1)				Prepared 09/12/05 Analyzed 09/13/05						
Benzene	83 5		ug/kg	100		83 5	80-120			
Toluene	82 0		"	100		82 0	80-120			
Ethylbenzene	88 3		"	100		88 3	80-120			
Xylene (p/m)	171		"	200		85 5	80-120			
Xylene (o)	91 1		"	100		91 1	80-120			
Surrogate a,a,a-Trifluorotoluene	*80 7*		"	*100*		*80 7*	*0-200*			
Surrogate 4-Bromofluorobenzene	*80.9*		"	*100*		*80 9*	*0-200*			
Matrix Spike (EI51212-MS1)	**Source: 5I12001-12**			Prepared 09/12/05 Analyzed 09/13/05						
Benzene	2340		ug/kg	2500	ND	93 6	80-120			
Toluene	2440		"	2500	ND	97 6	80-120			
Ethylbenzene	2900		"	2500	ND	116	80-120			
Xylene (p/m)	5520		"	5000	ND	110	80-120			
Xylene (o)	2990		"	2500	ND	120	80-120			
Surrogate a,a,a-Trifluorotoluene	*91 3*		"	*100*		*91.3*	*80-120*			
Surrogate 4-Bromofluorobenzene	*90 1*		"	*100*		*90 1*	*80-120*			

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 EI51212 - EPA 5030C (GC)										
Matrix Spike Dup (EI51212-MSD1)	**Source: 5I12001-12**			Prepared 09/12/05 Analyzed 09/13/05						
Benzene	2210		ug/kg	2500	ND	88 4	80-120	5 71	20	
Toluene	2320		"	2500	ND	92 8	80-120	5 04	20	
Ethylbenzene	2710		"	2500	ND	108	80-120	7 14	20	
Xylene (p/m)	5140		"	5000	ND	103	80-120	6 57	20	
Xylene (o)	2830		"	2500	ND	113	80-120	6 01	20	
Surrogate a,a,a-Trifluorotoluene	*84 1*		*"*	*100*		*84 1*	*80-120*			
Surrogate 4-Bromofluorobenzene	*91 4*		*"*	*100*		*91 4*	*80-120*			
Batch EI51215 - Solvent Extraction (GC)										
Blank (EI51215-BLK1)				Prepared & Analyzed 09/12/05						
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	*38 2*		*mg/kg*	*50.0*		*76 4*	*70-130*			
Surrogate 1-Chlorooctadecane	*42 3*		*"*	*50 0*		*84 6*	*70-130*			
LCS (EI51215-BS1)				Prepared & Analyzed 09/12/05						
Gasoline Range Organics C6-C12	417	10.0	mg/kg wet	500		83 4	75-125			
Diesel Range Organics >C12-C35	458	10 0	"	500		91 6	75-125			
Total Hydrocarbon C6-C35	875	10 0	"	1000		87 5	75-125			
Surrogate. 1-Chlorooctane	*46 4*		*mg/kg*	*50.0*		*92 8*	*70-130*			
Surrogate 1-Chlorooctadecane	*48 2*		*"*	*50 0*		*96 4*	*70-130*			
Calibration Check (EI51215-CCV1)				Prepared 09/12/05 Analyzed 09/13/05						
Gasoline Range Organics C6-C12	426		mg/kg	500		85 2	80-120			
Diesel Range Organics >C12-C35	430		"	500		86 0	80-120			
Total Hydrocarbon C6-C35	856		"	1000		85 6	80-120			
Surrogate 1-Chlorooctane	*44 1*		*"*	*50.0*		*88 2*	*0-200*			
Surrogate 1-Chlorooctadecane	*46 6*		*"*	*50 0*		*93 2*	*0-200*			

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 EI51215 - Solvent Extraction (GC)										
Matrix Spike (EI51215-MS1)	**Source: 5I12001-05**			Prepared & Analyzed 09/12/05						
Gasoline Range Organics C6-C12	387	10 0	mg/kg dry	503	8 49	75 3	75-125			
Diesel Range Organics >C12-C35	449	10 0	"	503	47 0	79 9	75-125			
Total Hydrocarbon C6-C35	836	10 0	"	1010	47 0	78 1	75-125			
Surrogate 1-Chlorooctane	*41 8*		*mg/kg*	*50 0*		*83 6*	*70-130*			
Surrogate 1-Chlorooctadecane	*45 5*		*"*	*50 0*		*91 0*	*70-130*			
Matrix Spike Dup (EI51215-MSD1)	**Source: 5I12001-05**			Prepared & Analyzed 09/12/05						
Gasoline Range Organics C6-C12	389	10 0	mg/kg dry	503	8 49	75.6	75-125	0 515	20	
Diesel Range Organics >C12-C35	446	10 0	"	503	47 0	79.3	75-125	0 670	20	
Total Hydrocarbon C6-C35	835	10 0	"	1010	47 0	78 0	75-125	0 120	20	
Surrogate 1-Chlorooctane	*42 1*		*mg/kg*	*50 0*		*84 2*	*70-130*			
Surrogate 1-Chlorooctadecane	*44 6*		*"*	*50 0*		*89 2*	*70-130*			
Batch EI51216 - Solvent Extraction (GC)										
Blank (EI51216-BLK1)				Prepared 09/12/05 Analyzed: 09/13/05						
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	*39 1*		*mg/kg*	*50 0*		*78 2*	*70-130*			
Surrogate 1-Chlorooctadecane	*38 6*		*"*	*50 0*		*77.2*	*70-130*			
LCS (EI51216-BS1)				Prepared 09/12/05 Analyzed 09/13/05						
Gasoline Range Organics C6-C12	407	10 0	mg/kg wet	500		81 4	75-125			
Diesel Range Organics >C12-C35	443	10.0	"	500		88 6	75-125			
Total Hydrocarbon C6-C35	850	10 0	"	1000		85 0	75-125			
Surrogate 1-Chlorooctane	*44.5*		*mg/kg*	*50 0*		*89 0*	*70-130*			
Surrogate 1-Chlorooctadecane	*42 3*		*"*	*50 0*		*84 6*	*70-130*			

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 EI51216 - Solvent Extraction (GC)										
Calibration Check (EI51216-CCV1)				Prepared 09/12/05 Analyzed 09/14/05						
Gasoline Range Organics C6-C12	403		mg/kg	500		80 6	80-120			
Diesel Range Organics >C12-C35	468		"	500		93 6	80-120			
Total Hydrocarbon C6-C35	871		"	1000		87 1	80-120			
Surrogate 1-Chlorooctane	*44 0*		"	*50 0*		*88 0*	*0-200*			
Surrogate 1-Chlorooctadecane	*51 9*		"	*50 0*		*104*	*0-200*			
Matrix Spike (EI51216-MS1)	**Source: 5I12001-21**			Prepared 09/12/05 Analyzed. 09/13/05						
Gasoline Range Organics C6-C12	394	10 0	mg/kg dry	501	ND	78 6	75-125			
Diesel Range Organics >C12-C35	421	10 0	"	501	ND	84.0	75-125			
Total Hydrocarbon C6-C35	815	10 0	"	1000	ND	81 5	75-125			
Surrogate 1-Chlorooctane	*41 3*		*mg/kg*	*50 0*		*82 6*	*70-130*			
Surrogate 1-Chlorooctadecane	*41.6*		"	*50 0*		*83 2*	*70-130*			
Matrix Spike Dup (EI51216-MSD1)	**Source: 5I12001-21**			Prepared 09/12/05 Analyzed 09/13/05						
Gasoline Range Organics C6-C12	408	10 0	mg/kg dry	501	ND	81 4	75-125	3 49	20	
Diesel Range Organics >C12-C35	430	10 0	"	501	ND	85 8	75-125	2 12	20	
Total Hydrocarbon C6-C35	838	10 0	"	1000	ND	83 8	75-125	2.78	20	
Surrogate 1-Chlorooctane	*41 8*		*mg/kg*	*50 0*		*83 6*	*70-130*			
Surrogate 1-Chlorooctadecane	*40 6*		"	*50 0*		*81.2*	*70-130*			
Batch EI51403 - EPA 5030C (GC)										
Blank (EI51403-BLK1)				Prepared & Analyzed 09/13/05						
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	*93 7*		*ug/kg*	*100*		*93 7*	*80-120*			
Surrogate 4-Bromofluorobenzene	*105*		"	*100*		*105*	*80-120*			

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 EI51403 - EPA 5030C (GC)										
LCS (EI51403-BS1)				Prepared & Analyzed 09/13/05						
Benzene	92 2		ug/kg	100		92 2	80-120			
Toluene	95 7		"	100		95 7	80-120			
Ethylbenzene	107		"	100		107	80-120			
Xylene (p/m)	202		"	200		101	80-120			
Xylene (o)	107		"	100		107	80-120			
Surrogate a,a,a-Trifluorotoluene	*97 0*		"	*100*		*97 0*	*80-120*			
Surrogate 4-Bromofluorobenzene	*95 6*		"	*100*		*95 6*	*80-120*			
Calibration Check (EI51403-CCV1)				Prepared 09/13/05 Analyzed 09/14/05						
Benzene	88 9		ug/kg	100		88 9	80-120			
Toluene	89 8		"	100		89 8	80-120			
Ethylbenzene	101		"	100		101	80-120			
Xylene (p/m)	193		"	200		96 5	80-120			
Xylene (o)	105		"	100		105	80-120			
Surrogate a,a,a-Trifluorotoluene	*94.2*		"	*100*		*94.2*	*0-200*			
Surrogate 4-Bromofluorobenzene	*96 2*		"	*100*		*96 2*	*0-200*			
Matrix Spike (EI51403-MS1)	**Source: 5I12001-13**			Prepared 09/13/05 Analyzed· 09/14/05						
Benzene	91 0		ug/kg	100	ND	91 0	80-120			
Toluene	94 2		"	100	ND	94 2	80-120			
Ethylbenzene	108		"	100	ND	108	80-120			
Xylene (p/m)	204		"	200	ND	102	80-120			
Xylene (o)	108		"	100	ND	108	80-120			
Surrogate. a,a,a-Trifluorotoluene	*102*		"	*100*		*102*	*80-120*			
Surrogate 4-Bromofluorobenzene	*101*		"	*100*		*101*	*80-120*			
Matrix Spike Dup (EI51403-MSD1)	**Source: 5I12001-13**			Prepared 09/13/05 Analyzed 09/14/05						
Benzene	89 9		ug/kg	100	ND	89 9	80-120	1 22	20	
Toluene	93 5		"	100	ND	93 5	80-120	0 746	20	
Ethylbenzene	106		"	100	ND	106	80-120	1 87	20	
Xylene (p/m)	201		"	200	ND	100	80-120	1.98	20	
Xylene (o)	106		"	100	ND	106	80-120	1 87	20	
Surrogate a,a,a-Trifluorotoluene	*96 4*		"	*100*		*96 4*	*80-120*			
Surrogate 4-Bromofluorobenzene	*98 7*		"	*100*		*98 7*	*80-120*			

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 EI51404 - EPA 5030C (GC)										
Blank (EI51404-BLK1)				Prepared & Analyzed 09/14/05						
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	*93 9*		*ug/kg*	*100*		*93 9*	*80-120*			
Surrogate 4-Bromofluorobenzene	*91.2*		"	*100*		*91 2*	*80-120*			
LCS (EI51404-BS1)				Prepared & Analyzed 09/14/05						
Benzene	90 1		ug/kg	100		90 1	80-120			
Toluene	94 0		"	100		94 0	80-120			
Ethylbenzene	107		"	100		107	80-120			
Xylene (p/m)	204		"	200		102	80-120			
Xylene (o)	109		"	100		109	80-120			
Surrogate a,a,a-Trifluorotoluene	*97.4*		"	*100*		*97 4*	*80-120*			
Surrogate 4-Bromofluorobenzene	*103*		"	*100*		*103*	*80-120*			
Calibration Check (EI51404-CCV1)				Prepared & Analyzed 09/14/05						
Benzene	88 9		ug/kg	100		88 9	80-120			
Toluene	89 8		"	100		89 8	80-120			
Ethylbenzene	101		"	100		101	80-120			
Xylene (p/m)	193		"	200		96 5	80-120			
Xylene (o)	105		"	100		105	80-120			
Surrogate a,a,a-Trifluorotoluene	*94 2*		"	*100*		*94 2*	*0-200*			
Surrogate 4-Bromofluorobenzene	*96.2*		"	*100*		*96 2*	*0-200*			
Matrix Spike (EI51404-MS1)	**Source: 5I13009-01**			Prepared & Analyzed 09/14/05						
Benzene	89 9		ug/kg	100	ND	89 9	80-120			
Toluene	92.9		"	100	ND	92 9	80-120			
Ethylbenzene	104		"	100	ND	104	80-120			
Xylene (p/m)	197		"	200	ND	98 5	80-120			
Xylene (o)	103		"	100	ND	103	80-120			
Surrogate a,a,a-Trifluorotoluene	*95 6*		"	*100*		*95 6*	*80-120*			
Surrogate 4-Bromofluorobenzene	*91 4*		"	*100*		*91 4*	*80-120*			

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 EI51404 - EPA 5030C (GC)										
Matrix Spike Dup (EI51404-MSD1)	**Source: 5I13009-01**		Prepared & Analyzed 09/14/05							
Benzene	89.1		ug/kg	100	ND	89 1	80-120	0 894	20	
Toluene	93 0		"	100	ND	93 0	80-120	0 108	20	
Ethylbenzene	104		"	100	ND	104	80-120	0 00	20	
Xylene (p/m)	197		"	200	ND	98 5	80-120	0 00	20	
Xylene (o)	103		"	100	ND	103	80-120	0 00	20	
Surrogate a,a,a-Trifluorotoluene	*96 8*		"	*100*		*96 8*	*80-120*			
Surrogate 4-Bromofluorobenzene	*94 2*		"	*100*		*94 2*	*80-120*			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

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 EI51307 - General Preparation (Prep)										
Blank (EI51307-BLK1)				Prepared & Analyzed 09/13/05						
% Solids	100		%							
Duplicate (EI51307-DUP1)	**Source: 5I12001-01**			Prepared & Analyzed 09/13/05						
% Solids	96 4		%		96.8			0.414	20	
Duplicate (EI51307-DUP2)	**Source: 5I12001-21**			Prepared & Analyzed 09/13/05						
% Solids	99 8		%		99 8			0 00	20	
Batch EI51419 - Water Extraction										
Blank (EI51419-BLK1)				Prepared & Analyzed 09/14/05						
Chloride	ND	20 0	mg/kg Wet							
Matrix Spike (EI51419-MS1)	**Source: 5I13009-01**			Prepared & Analyzed. 09/14/05						
Chloride	200	20 0	mg/kg Wet	175	10 6	108	80-120			
Matrix Spike Dup (EI51419-MSD1)	**Source: 5I13009-01**			Prepared & Analyzed 09/14/05						
Chloride	204	20 0	mg/kg Wet	175	10 6	111	80-120	1 98	20	
Reference (EI51419-SRM1)				Prepared & Analyzed 09/14/05						
Chloride	5000		mg/kg	5000		100	80-120			

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's
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: [redacted] Date: 9/15/2005

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.

Environmental Lab of Texas I, Ltd.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: KEN DUTTON
Company Name: BASIN ENV SVS
Company Address: P.O. BOX 301
City/State/Zip: LOVINGTON, NM 88260
Telephone No: (505) 441-2124 Fax No: (505) 396-1429
Sampler Signature: Ken Dutton

Project Name: TANK 374 10" SWEET TRUCK HAUL LINE
Project #: EMS: 2005-00172
Project Loc: LEA COUNTY, NM
PO #: PAA/B. BRYANT

LAB # (lab use only) STH2001	FIELD CODE	Date Sampled 2005	Time Sampled	No of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 (8015M)	TCLP: 1005 1006	TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RCI	N.O.R.M.	Total Gamma	CHLORIDE 300.1		RUSH TAT (Pre-Schedule)	Standard TAT
-01	SB-1 5'	06 SEP	1034	1	X									X		X								X				X			X
-02	SB-1 15'		1040																												
-03	SB-1 25'		1047																									X			
-04	SB-1 40'		1057																												
-05	SB-1 50'		1102																												
-06	SB-1 60'		1106																												
-07	SB-1 70'		1125																												
-08	SB-1 80'		1158																												
-09	SB-1 90'		1228																												
-10	SB-1 100'		1250																												

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 2.5°C
Laboratory Comments: 402
labels/seals

Relinquished by	Date	Time	Received by	Date	Time
Ken Dutton	09 SEP 05	0950	Dan Boyt	9/9/05	9:50
Dan Boyt	9/9/05	4:55pm	Received by ELOT: Cindy Keel	9/9/05	4:55

Environmental Lab of Texas I, Ltd.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: KEN DUTTON
Company Name: BASIN ENV SVCS
Company Address: P.O. BOX 301
City/State/Zip: LOVINGTON, NM 88260
Telephone No: (505) 441-2124 Fax No: (505) 396-1429
Sampler Signature: Ken Dutton

Project Name: TANK 374 10" SWEET TRUCK HAUL LINE
Project #: EMS: 2005-00192
Project Loc: LEA COUNTY, NM
PO #: PAA/ D. BRYANT

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 / 8015M / 1005 / 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	TOTAL: BTEX 8021B/5030	RCI	N.O.R.M.	Total Gamma		RUSH TAT (Pre-Schedule)	Standard TAT
374.001		2005																											
-11	SB-2 5'	06 SEP	1500	1	X									X		X							X					X	
-12	SB-2 15'		1509																										
-13	SB-2 25'		1513																										
-14	SB-2 40'		1522																										
-15	SB-3 5'	07 SEP	0918																										
-16	SB-3 15'		0925																										
-17	SB-3 25'		0931																										
-18	SB-3 40'		0941																										
-19	SB-3 50'		1001																										
-20	SB-3 60'		1006																										

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt: 2.5°C
Laboratory Comments: 402

Relinquished by:	Date	Time	Received by:	Date	Time
Ken Dutton	09SEP05	0950	Dan Bryant	9/9/05	9:50
Dan Bryant	9/9/05	4:55pm	Chris Kelly	9/9/05	9:55
			Received by ELOT:		

Environmental Lab of Texas I, Ltd.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: KEN DUTTON
Company Name: BASIN ENV SVCS
Company Address: P.O. BOX 301
City/State/Zip: LOVINGTON, NM 88260
Telephone No: (505) 441-2124 Fax No: (505) 396-1429
Sampler Signature: Ken Dutton

Project Name: TANK 394 10" SWEET TRUCK HAUL LINE
Project #: EMS: 2005-00172
Project Loc: LEA COUNTY, NM
PO #: AFA/D. BRYANT

LAB # (lab use only) 5-12001	FIELD CODE	Date Sampled 2005	Time Sampled	No of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP: TPH: 418.1 / 8015M / 1005 / 1006	TOTAL: Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals, As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RCI	N.O.R.M.	Total Gamma			RUSH TAT (Pre-Schedule)	Standard TAT
-21	SB-4 5'	07 SEP	1112	1	X									X		X						X							X	
-22	SB-4 15'		1119																											
-23	SB-4 25'		1127																											
-24	SB-5 5'		1336																											
-25	SB-5 15'		1345																											
-26	SB-5 25'		1353																											
-27	SB-6 5'		1528																											
-28	SB-6 15'		1539																											
-29	SB-6 25'		1546																											
-30	SB-6 40'		1555																											

Special Instructions:

Sample Containers Intact? Y N
Temperature Upon Receipt:
Laboratory Comments: 2.5°C
Cool
Labels/seals

Relinquished by	Date	Time	Received by	Date	Time
Ken Dutton	09 SEP 05	0950	Dan DByrd	9/9/05	9:50
Dan DByrd	9/9/05	4:55pm	Received by ELOT: Chris Valdez	9/9/05	4:55

Environmental Lab of Texas I, Ltd.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: KEN DUTTON
Company Name: BASIN ENV SVCS
Company Address: P.O. BOX 301
City/State/Zip: LOVINGTON, NM 88260
Telephone No: (505) 441-2124 Fax No: (505) 396-1429
Sampler Signature: Ken Dutton

Project Name: TANK 374 10" SWEET TRUCK HAUL LINE
Project #: EMSI 2005-00172
Project Loc: LEA COUNTY, NM
PO #: PAA / D BRYANT

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	HNO3	HCl	NaOH	H2SO4	None	Other (Specify)	Matrix: Water	Sludge	Soil	Other (specify):	Analyze For: TCLP / TOTAL: TPH: 418.1 / 8015M / 1005 / 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, CO3, HCO3)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030	RCI	N O R M.	Total Gamma			RUSH TAT (Pre-Schedule)	Standard TAT
5I2001		2005																												
-31	SB-6 50'	07SEP	1601	1	X									X		X						X							X	
-32	SB-6 60'		1609																											
-33	SB-6 70'		1614																											
-34	SB-6 80'		1626																											

Special Instructions:

Sample Containers Intact? Y N.
Temperature Upon Receipt: 2.5°C
Laboratory Comments: 402 labels/seals

Relinquished by	Date	Time	Received by:	Date	Time
Ken Dutton	09SEP05	0950	David Boyt	9/9/05	9:50
David Boyt	9/9/05	4:55pm	Received by ELOT: Linda Kelly	9/9/05	4:55

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

Client: Plains / Basin

Date/Time: 9/12/05 8:10

Order #: 5I12.001

Initials: CK

Sample Receipt Checklist

Temperature of container/cooler?	Yes	No	2.5 C
Shipping container/cooler in good condition?	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?	Yes	No	
Sample Instructions complete on Chain of Custody?	Yes	No	
Chain of Custody signed when relinquished and received?	Yes	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	Yes	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	Yes	No	
Sample bottles intact?	Yes	No	
Preservations documented on Chain of Custody?	Yes	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	Yes	No	
All samples received within sufficient hold time?	Yes	No	
VOC samples have zero headspace?	Yes	No	Not Applicable

Other observations:

_____

_____

_____

Variance Documentation:

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

Regarding:

_____

_____

_____

Corrective Action Taken:

_____

_____

_____

_____

_____

_____

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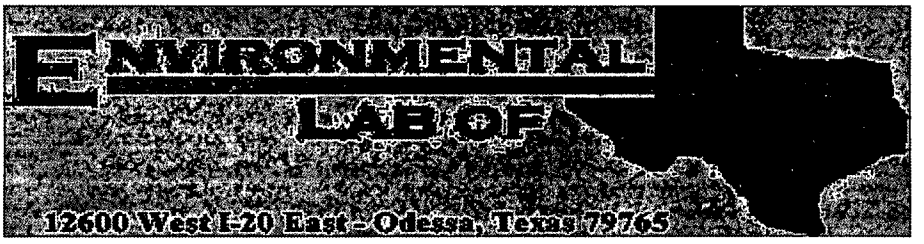
_____



Analytical Report

Prepared for:

Daniel Bryant

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Tank 374 10" Sweet Truck Haul Line

Project Number: EMS: 2005-00172

Location: Lea County, NM

Lab Order Number: 5I13010

Report Date: 09/20/05

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number. EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager. Daniel Bryant	09/20/05 08 32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-7 5'	5I13010-01	Soil	09/08/05 08 48	09/13/05 15 05
SB-7 15'	5I13010-02	Soil	09/08/05 08 59	09/13/05 15 05
SB-7 25'	5I13010-03	Soil	09/08/05 09 06	09/13/05 15 05
SB-7 40'	5I13010-04	Soil	09/08/05 09 17	09/13/05 15 05
SB-7 50'	5I13010-05	Soil	09/08/05 09 25	09/13/05 15 05
SB-7 60'	5I13010-06	Soil	09/08/05 09 32	09/13/05 15 05
SB-8 5'	5I13010-07	Soil	09/08/05 10.15	09/13/05 15 05
SB-8 15'	5I13010-08	Soil	09/08/05 10 22	09/13/05 15 05
SB-8 25'	5I13010-09	Soil	09/08/05 10 28	09/13/05 15 05
SB-8 40'	5I13010-10	Soil	09/08/05 10 36	09/13/05 15 05

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08:32

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 5' (5I13010-01) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/15/05	EPA 8021B	
Toluene	**0.0766**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**0.0651**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.561**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.202**	0 0250	"	"	"	"	"	"	
Surrogate a,a,a-Trifluorotoluene		*90.9 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**925**	10 0	mg/kg dry	1	EI51414	09/14/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	**2550**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**3480**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*109 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*103 %*	*70-130*		"	"	"	"	
SB-7 15' (5I13010-02) Soil									
Benzene	**0.0422**	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	EPA 8021B	
Toluene	**0.246**	0 0250	"	"	"	"	"	"	
Ethylbenzene	**0.206**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**2.19**	0.0250	"	"	"	"	"	"	
Xylene (o)	**0.879**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*118 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*80.2 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**1390**	10 0	mg/kg dry	1	EI51414	09/14/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	**4130**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**5520**	10.0	"	"	"	"	"	"	
Surrogate 1-Chlorooctane		*119 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*101 %*	*70-130*		"	"	"	"	
SB-7 25' (5I13010-03) Soil									
Benzene	**J [0.0150]**	0.0250	mg/kg dry	25	EI51503	09/15/05	09/15/05	EPA 8021B	J
Toluene	**0.127**	0.0250	"	"	"	"	"	"	
Ethylbenzene	**0.107**	0 0250	"	"	"	"	"	"	
Xylene (p/m)	**0.793**	0 0250	"	"	"	"	"	"	
Xylene (o)	**0.306**	0 0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		*105 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*90 2 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**781**	10 0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	**3200**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**3980**	10 0	"	"	"	"	"	"	

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 25' (5I13010-03) Soil									
Surrogate: 1-Chlorooctane		*103 %*	*70-130*		*EI51414*	*09/14/05*	*09/16/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*103 %*	*70-130*		"	"	"	"	
SB-7 40' (5I13010-04) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*102 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*91.4 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**12.6**	10 0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	**238**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**251**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*83.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*105 %*	*70-130*		"	"	"	"	
SB-7 50' (5I13010-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*94 0 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*84 2 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**J [7.93]**	10 0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	J
Diesel Range Organics >C12-C35	**123**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**123**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*99.8 %*	*70-130*		"	"	"	"	

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS. 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08 32

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 60' (5I13010-06) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*84.8 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*87 5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	**ND**	10 0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	**106**	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	**106**	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*87.0 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*89.8 %*	*70-130*		"	"	"	"	
SB-8 5' (5I13010-07) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*84.3 %*	*80-120*		"	"	"	"	
Surrogate· 4-Bromofluorobenzene		*81 2 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*83.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*81.4 %*	*70-130*		"	"	"	"	
SB-8 15' (5I13010-08) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*92.1 %*	*80-120*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	

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Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08 32

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-8 15' (5I13010-08) Soil									
Surrogate 1-Chlorooctane		*84.2 %*	*70-130*		*EI51414*	*09/14/05*	*09/16/05*	*EPA 8015M*	
Surrogate: 1-Chlorooctadecane		*82.4 %*	*70-130*		"	"	"	"	
SB-8 25' (5I13010-09) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*92.5 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*88.6 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51414	09/14/05	09/16/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate. 1-Chlorooctane		*85.6 %*	*70-130*		"	"	"	"	
Surrogate: 1-Chlorooctadecane		*86.8 %*	*70-130*		"	"	"	"	
SB-8 40' (5I13010-10) Soil									
Benzene	ND	0 0250	mg/kg dry	25	EI51503	09/15/05	09/16/05	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		*83.6 %*	*80-120*		"	"	"	"	
Surrogate 4-Bromofluorobenzene		*88.3 %*	*80-120*		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10 0	mg/kg dry	1	EI51414	09/14/05	09/17/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10 0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10 0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		*82.4 %*	*70-130*		"	"	"	"	
Surrogate 1-Chlorooctadecane		*84.0 %*	*70-130*		"	"	"	"	

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Plains All American EH & S	Project. Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08 32

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SB-7 5' (5I13010-01) Soil									
% Moisture	**0.6**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-7 15' (5I13010-02) Soil									
% Moisture	**1.1**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-7 25' (5I13010-03) Soil									
% Moisture	**2.0**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-7 40' (5I13010-04) Soil									
% Moisture	**1.9**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-7 50' (5I13010-05) Soil									
% Moisture	**0.8**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-7 60' (5I13010-06) Soil									
% Moisture	**2.7**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-8 5' (5I13010-07) Soil									
% Moisture	**0.2**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-8 15' (5I13010-08) Soil									
% Moisture	**0.2**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-8 25' (5I13010-09) Soil									
% Moisture	**0.5**	0 1	%	1	EI51420	09/14/05	09/14/05	% calculation	
SB-8 40' (5I13010-10) Soil									
% Moisture	**1.0**	0 1	%	1	EI51420	09/14/05	09/14/05	% 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 EI51414 - Solvent Extraction (GC)										
Blank (EI51414-BLK1)				Prepared 09/14/05 Analyzed 09/15/05						
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	*44.7*		*mg/kg*	*50 0*		*89 4*	*70-130*			
Surrogate 1-Chlorooctadecane	*45 2*		*"*	*50 0*		*90 4*	*70-130*			
LCS (EI51414-BS1)				Prepared 09/14/05 Analyzed 09/15/05						
Gasoline Range Organics C6-C12	412	10 0	mg/kg wet	500		82 4	75-125			
Diesel Range Organics >C12-C35	436	10 0	"	500		87 2	75-125			
Total Hydrocarbon C6-C35	848	10 0	"	1000		84 8	75-125			
Surrogate 1-Chlorooctane	*50.9*		*mg/kg*	*50 0*		*102*	*70-130*			
Surrogate 1-Chlorooctadecane	*50 5*		*"*	*50 0*		*101*	*70-130*			
Calibration Check (EI51414-CCV1)				Prepared 09/14/05 Analyzed 09/17/05						
Gasoline Range Organics C6-C12	443		mg/kg	500		88 6	80-120			
Diesel Range Organics >C12-C35	422		"	500		84 4	80-120			
Total Hydrocarbon C6-C35	865		"	1000		86 5	80-120			
Surrogate 1-Chlorooctane	*51 9*		*"*	*50 0*		*104*	*0-200*			
Surrogate 1-Chlorooctadecane	*53 5*		*"*	*50 0*		*107*	*0-200*			
Matrix Spike (EI51414-MS1)	**Source: 5I13008-01**			Prepared 09/14/05 Analyzed 09/15/05						
Gasoline Range Organics C6-C12	939	10.0	mg/kg dry	568	289	114	75-125			
Diesel Range Organics >C12-C35	1400	10 0	"	568	721	120	75-125			
Total Hydrocarbon C6-C35	2340	10 0	"	1140	1010	117	75-125			
Surrogate 1-Chlorooctane	*61 4*		*mg/kg*	*50 0*		*123*	*70-130*			
Surrogate 1-Chlorooctadecane	*56 5*		*"*	*50 0*		*113*	*70-130*			
Matrix Spike Dup (EI51414-MSD1)	**Source: 5I13008-01**			Prepared 09/14/05 Analyzed 09/15/05						
Gasoline Range Organics C6-C12	914	10 0	mg/kg dry	568	289	110	75-125	2.70	20	
Diesel Range Organics >C12-C35	1400	10 0	"	568	721	120	75-125	0 00	20	
Total Hydrocarbon C6-C35	2310	10 0	"	1140	1010	114	75-125	1 29	20	
Surrogate 1-Chlorooctane	*53 0*		*mg/kg*	*50 0*		*106*	*70-130*			
Surrogate 1-Chlorooctadecane	*54 2*		*"*	*50 0*		*108*	*70-130*			

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 EI51503 - EPA 5030C (GC)										
Blank (EI51503-BLK1)				Prepared & Analyzed 09/15/05						
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	*94 9*		*ug/kg*	*100*		*94 9*	*80-120*			
Surrogate 4-Bromofluorobenzene	*87 3*		"	*100*		*87 3*	*80-120*			
LCS (EI51503-BS1)				Prepared & Analyzed 09/15/05						
Benzene	96 3		ug/kg	100		96 3	80-120			
Toluene	99.6		"	100		99 6	80-120			
Ethylbenzene	114		"	100		114	80-120			
Xylene (p/m)	215		"	200		108	80-120			
Xylene (o)	114		"	100		114	80-120			
Surrogate a,a,a-Trifluorotoluene	*108*		"	*100*		*108*	*80-120*			
Surrogate 4-Bromofluorobenzene	*103*		"	*100*		*103*	*80-120*			
Calibration Check (EI51503-CCV1)				Prepared 09/15/05 Analyzed 09/16/05						
Benzene	93 8		ug/kg	100		93 8	80-120			
Toluene	93 2		"	100		93 2	80-120			
Ethylbenzene	104		"	100		104	80-120			
Xylene (p/m)	198		"	200		99 0	80-120			
Xylene (o)	106		"	100		106	80-120			
Surrogate a,a,a-Trifluorotoluene	*100*		"	*100*		*100*	*0-200*			
Surrogate. 4-Bromofluorobenzene	*100*		"	*100*		*100*	*0-200*			
Matrix Spike (EI51503-MS1)	**Source: 5I13010-10**			Prepared 09/15/05 Analyzed 09/16/05						
Benzene	82.2		ug/kg	100	ND	82 2	80-120			
Toluene	85 7		"	100	ND	85 7	80-120			
Ethylbenzene	96 1		"	100	ND	96 1	80-120			
Xylene (p/m)	185		"	200	ND	92 5	80-120			
Xylene (o)	97 9		"	100	ND	97 9	80-120			
Surrogate a,a,a-Trifluorotoluene	*91 2*		"	*100*		*91 2*	*80-120*			
Surrogate 4-Bromofluorobenzene	*93 8*		"	*100*		*93 8*	*80-120*			

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08.32

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 EI51503 - EPA 5030C (GC)										
Matrix Spike Dup (EI51503-MSD1)	**Source: 5I13010-10**			Prepared 09/15/05 Analyzed 09/16/05						
Benzene	89 2		ug/kg	100	ND	89 2	80-120	8 17	20	
Toluene	93 8		"	100	ND	93 8	80-120	9 03	20	
Ethylbenzene	108		"	100	ND	108	80-120	11 7	20	
Xylene (p/m)	206		"	200	ND	103	80-120	10 7	20	
Xylene (o)	111		"	100	ND	111	80-120	12 5	20	
Surrogate a,a,a-Trifluorotoluene	*94 3*		"	*100*		*94 3*	*80-120*			
Surrogate 4-Bromofluorobenzene	*105*		"	*100*		*105*	*80-120*			

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08 32

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 EI51420 - General Preparation (Prep)										
Blank (EI51420-BLK1)				Prepared & Analyzed 09/14/05						
% Solids	100		%							
Duplicate (EI51420-DUP1)	**Source: 5I13009-01**			Prepared & Analyzed 09/14/05						
% Solids	96 2		%		97 6			1.44	20	
Duplicate (EI51420-DUP2)	**Source: 5I13010-04**			Prepared & Analyzed 09/14/05						
% Solids	98 1		%		98 1			0 00	20	
Duplicate (EI51420-DUP3)	**Source: 5I14002-03**			Prepared & Analyzed 09/14/05						
% Solids	99 9		%		99 9			0 00	20	

12600 West I-20 East - Odessa, Texas 79705 - (432) 563-1800 - Fax (432) 563-1713

Plains All American EH & S	Project Tank 374 10" Sweet Truck Haul Line	Fax (432) 687-4914
1301 S County Road 1150	Project Number EMS 2005-00172	**Reported:**
Midland TX, 79706-4476	Project Manager Daniel Bryant	09/20/05 08 32

Notes and Definitions

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: [redacted] Date: 9/20/2005

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.

Environmental Lab of Texas I, Ltd.

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

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

Project Manager: KEN DUTTON
Company Name: BASIN ENV SVCS
Company Address: PO BOX 301
City/State/Zip: LOVINGTON NM 88260
Telephone No: (505) 441-2124
Fax No: (505) 396-1429
Sampler Signature: Ken Dutton

Project Name: TANK 374 10" SWEET TRUCK HAUL LINE
Project #: EMS: 2005-00172
Project Loc: LEA COUNTY, NM
PO #: PAA / D. BRYANT

5I3010

LAB # (lab use only)	FIELD CODE	Date Sampled	Time Sampled	No. of Containers	Preservative: Ice	Preservative: HNO_3	Preservative: HCl	Preservative: NaOH	Preservative: H_2SO_4	Preservative: None	Preservative: Other (Specify)	Matrix: Water	Matrix: Sludge	Matrix: Soil	Matrix: Other (specify):	Analyze For. TCLP: TPH: 418.1 / 8015M	Analyze For. TOTAL: TPH: 418.1 / 8015M	Analyze For. TOTAL: 1005	Analyze For. TOTAL: 1006	Analyze For. TOTAL: Cations (Ca, Mg, Na, K)	Analyze For. TOTAL: Anions (Cl, SO4, CO3, HCO3)	Analyze For. TOTAL: BAR / ESP / CEC	Analyze For. TOTAL: Metals: As Ag Ba Cd Cr Pb Hg Se	Analyze For. TOTAL: Volatiles	Analyze For. TOTAL: Semivolatiles	Analyze For. TOTAL: BTEX 8021B/5030	Analyze For. TOTAL: RCI	Analyze For. TOTAL: N.O.R.M.	Analyze For. TOTAL: Total Gamma	RUSH TAT (Pre-Schedule)	Standard TAT
-01	SB-7 5'	08 SEP	0848	1	X									X		X										X					X
-02	SB-7 15'		0859																												
-03	SB-7 25'		0906																												
-04	SB-7 40'		0917																												
-05	SB-7 50'		0925																												
-06	SB-7 60'		0932																												
-07	SB-8 5'		1015																												
-08	SB-8 15'		1022																												
-09	SB-8 25'		1028																												
-10	SB-8 40'		1036																												

Special Instructions:

COPY JMM 9/13/5 ORIGINAL

Sample Containers Intact? (Y) N
Temperature Upon Receipt 3.0°C
Laboratory Comments:
4oz glass on ice w/ labels + seals seal on cooler

Relinquished by	Date	Time	Received by	Date	Time
Ken Dutton	12 Sep 05	1305	Dan Byt	12 Sep 05	1305
Dan Byt	9/13/05	1505	Jaime McMurry	9-13-05	1505

Received by ELOT

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

Client: Plains P/L

Date/Time: 09-13-05 @ 1505

Order #: 5I 13010

Initials: JMM

Sample Receipt Checklist

Temperature of container/cooler?	(Yes)	No	3.0 C
Shipping container/cooler in good condition?	(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?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	(Yes)	No	
Container labels legible and intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes)	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	(Yes)	No	
Sufficient sample amount for indicated test?	(Yes)	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes)	No	Not Applicable

Other observations:

Variance Documentation:

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

Regarding:

Corrective Action Taken:

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		1106 ppm	Heavy	None	Sand (SM), Red-Brown, Very Fine Grain, Well Sorted, Dry
10		960 ppm	Heavy	None	
		492 ppm	Heavy	None	
20		833 ppm	Heavy	None	
		751 ppm	Heavy	None	
30		280 ppm	Heavy	None	
		401 ppm	Heavy	None	
40		90 3 ppm	Heavy	None	
		56.6 ppm	Heavy	None	
50		63.1 ppm	Slight	None	
		106 ppm	Slight	None	
60		87.7 ppm	Slight	None	
		160 ppm	Slight	None	
70		221 ppm	Slight	None	
		85.1 ppm	Slight	None	
80		165 ppm	Slight	None	
		183 ppm	Slight	None	
90		167 ppm	Slight	None	
		41.8 ppm	Slight	None	
100	TD	102 ppm	Slight	None	

Plains Marketing, L. P.
Tank 374 10" Sweet Haul Truck Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

Soil Boring Completion Data
TD: 100 Feet bgs

Installed 06 September 2005
Basin Environmental Service Technologies

☐ Samples selected for analysis

Soil Boring Completion Data

20 bags of hydrated Bentonite Plug Surface to 100 ' bgs

TITLE Appendix C Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 1
DRAWN BY KAD	DATE 17 January 2008

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		36.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
10		13.4 ppm	None	None	
15		6.0 ppm	None	None	
20		3.8 ppm	None	None	
25		3.1 ppm	None	None	
30		2.8 ppm	None	None	
35		2.3 ppm	None	None	
40	TD	1.7 ppm	None	None	

Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

Soil Boring Completion Data

TD. 40 Feet bgs

Installed 06 September 2005
Basin Environmental Service Technologies

Samples selected for analysis

Soil Boring Completion Data

6 bags of hydrated Bentonite Plug Surface to 40' bgs

TITLE	DESCRIPTION
Appendix C Tank 374 10" Sweet Truck Haul Line	Soil Boring 2
DRAWN BY	DATE
KAD	17 January 2008

Plains Marketing, L. P.
Tank 374 10" Sweet Haul Truck Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		841 ppm	Moderate	None	Sand (SM), Red-Brown, Very Fine Grain, Well Sorted, Dry
10		745 ppm	Moderate	None	
		910 ppm	Moderate	None	
20		821 ppm	Moderate	None	
		630 ppm	Moderate	None	
30		735 ppm	Moderate	None	
		579 ppm	Slight	None	
40		282 ppm	Slight	None	
		88.1 ppm	Slight	None	
50		38.1 ppm	Slight	None	
		28.1 ppm	Slight	None	
60	TD	18.9 ppm	Slight	None	

Soil Boring Completion Data
TD: 60 Feet bgs

Installed 07 September 2005
Basin Environmental Service Technologies

Samples selected for analysis

Soil Boring Completion Data

09 bags of hydrated Bentonite Plug Surface to 60 ' bgs

TITLE Appendix C Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 3
DRAWN BY KAD	DATE 17 January 2008

Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		6.1 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
10		3.9 ppm	None	None	
15		12.9 ppm	None	None	
20		9.6 ppm	None	None	
25		9.4 ppm	None	None	
30		8.6 ppm	None	None	
35		7.8 ppm	None	None	
40	TD	2.8 ppm	None	None	

Soil Boring Completion Data

TD: 40 Feet bgs

Installed 07 September 2005
Basin Environmental Service Technologies

Samples selected for analysis

Soil Boring Completion Data

6 bags of hydrated Bentonite Plug
Surface to 40' bgs

TITLE	DESCRIPTION
Appendix C Tank 374 10" Sweet Truck Haul Line	Soil Boring 4
DRAWN BY	**DATE**
KAD	17 January 2008

Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		2.4 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
10		3.4 ppm	None	None	
15		3.6 ppm	None	None	
20		2.0 ppm	None	None	
25		2.1 ppm	None	None	
30		2.1 ppm	None	None	
35		1.6 ppm	None	None	
40	TD	3.5 ppm	None	None	

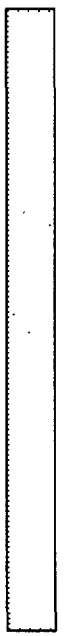
Soil Boring Completion Data

TD: 40 Feet bgs

Installed 07 September 2005
Basin Environmental Service Technologies

Samples selected for analysis

Soil Boring Completion Data



6 bags of hydrated Bentonite Plug
Surface to 40' bgs

TITLE	DESCRIPTION
Appendix C Tank 374 10" Sweet Truck Haul Line	Soil Boring 5
DRAWN BY	DATE
KAD	17 January 2008

Plains Marketing, L. P.
Tank 374 10" Sweet Haul Truck Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

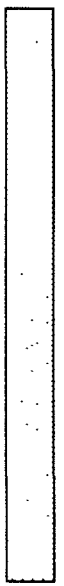
Depth	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5	782 ppm	Heavy	Heavy	Sand (SM), Black, Very Fine Grain, Well Sorted, Moist
10	675 ppm	Heavy	Heavy	Sand (SM), Dark Brown, Very Fine Grain, Well Sorted, Damp
	810 ppm	Heavy	Moderate	Sand (SM), Brown, Very Fine Grain, Well Sorted, Damp
20	736 ppm	Heavy	None	Sand (SM), Red-Brown, Very Fine Grain, Well Sorted, Damp
	989 ppm	Heavy	None	
30	768 ppm	Heavy	None	
	1105 ppm	Heavy	None	
40	115 ppm	Heavy	None	
	130 ppm	Heavy	None	
50	123 ppm	Heavy	None	
	134 ppm	Heavy	None	
60	89.9 ppm	Heavy	None	
	62.7 ppm	Slight	None	
70	22.1 ppm	Slight	None	
	18.9 ppm	Slight	None	
80 TD	42 1 ppm	None	None	

Soil Boring Completion Data
TD: 80 Feet bgs

Installed 07 September 2005
Basin Environmental Service Technologies

☐ Samples selected for analysis

Soil Boring Completion Data



12 bags of hydrated Bentonite Plug Surface to 80 ' bgs

TITLE Appendix C Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 6
DRAWN BY KAD	DATE 17 January 2008

Plains Marketing, L. P.
Tank 374 10" Sweet Haul Truck Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

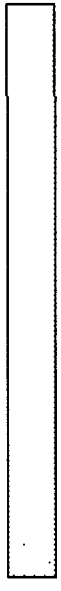
Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		1311 ppm	Heavy	None	Sand (SM), Red-Brown, Very Fine Grain, Well Sorted, Dry
10		782 ppm	Moderate	None	
		982 ppm	Moderate	None	
20		792 ppm	Moderate	None	
		783 ppm	Moderate	None	
30		814 ppm	Moderate	None	
		160 ppm	Moderate	None	
40		68.7 ppm	Slight	None	
		53.8 ppm	Slight	None	
50		35.4 ppm	Slight	None	
		15.8 ppm	Slight	None	
60	TD	15.4 ppm	Slight	None	

Soil Boring Completion Data
TD 60 Feet bgs

Installed 08 September 2005
Basin Environmental Service Technologies

Samples selected for analysis

Soil Boring Completion Data



09 bags of hydrated Bentonite Plug Surface to 60 ' bgs

TITLE Appendix C Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 7
DRAWN BY KAD	DATE 17 January 2008

Plains Marketing, L. P.
Tank 374 10" Sweet Truck Haul Line
Lea County, New Mexico
SE/SE S32, T25S, R37E
SRS: 2005-00172

Depth	Soil Column	PID Reading	Petroleum Odor	Petroleum Stain	Soil Description
5		2.6 ppm	None	None	Sand (SP) Red-Brown, Very Fine Grained, Well Sorted, Dry
10		2.5 ppm	None	None	
15		1.9 ppm	None	None	
20		1.6 ppm	None	None	
25		1.5 ppm	None	None	
30		1.5 ppm	None	None	
35		0.9 ppm	None	None	
40	TD	0.8 ppm	None	None	

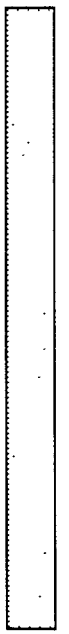
Soil Boring Completion Data

TD: 40 Feet bgs

Installed 08 September 2005
Basin Environmental Service Technologies

Samples selected for analysis

Soil Boring Completion Data



6 bags of hydrated Bentonite Plug
Surface to 40' bgs

TITLE	DESCRIPTION
Appendix C Tank 374 10" Sweet Truck Haul Line	Soil Boring 8
DRAWN BY KAD	DATE 17 January 2008

PLAINS
PIPELINE, L.P.

July 27, 2005

Mr. Larry Johnson
New Mexico Oil Conservation Division
Environmental Bureau
1625 N. French Drive
Hobbs, New Mexico 88240

RE: C-141 and Site Information
Tank #374 10"
S32, T25S, R37E Unit Letter P
Lea County, NM
Landowner: Plains All American

Dear Mr. Johnson:

Enclosed is the C-141 for the above referenced site. Plains Pipeline had a release of 30 bbls of crude oil on 7/25/05 on a 10" steel pipeline outside of Plains' Jal Tank Farm. 20 bbls of crude oil was recovered and reintroduced to the pipeline system. Basin Environmental from Lovington will be performing environmental remediation activities under Plains Pipeline authorization.

If you have any questions or require further information, please contact me at (432) 557-5865

Thank you,

Daniel Bryant
Environmental & Regulatory Compliance Specialist
Office: 432-686-1769
Cell: 432-557-5865
dmbryant@paalp.com

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

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact	Daniel Bryant
Address	P.O. Box 3119 – Midland, Tx 79702	Telephone No.	(432) 557-5865
Facility Name	Jal Tank Farm	Facility Type	Tank Farm

Surface Owner	Mineral Owner	Lease No.
Plains All American		

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	4	26S	37E					Lea

Latitude N32° 04' 53" **Longitude** W103° 10' 34"

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release 20 bbls	Volume Recovered 10 bbls
Source of Release 10" poly line	Date and Hour of Occurrence 06/27/2005 13:30	Date and Hour of Discovery 06/27/2005 13:40
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Paul Sheeley	
By Whom? Daniel Bryant	Date and Hour 06/27/2005 15:35	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Degradation of a poly line caused the release of sweet crude oil into the firewall of tank #374 of the Plains Jal tank farm. Line was removed from service until replacement. Pressure of the line runs 25 lbs and the gravity runs 42 @ 84°. H_2S content is <10 ppm. Throughput on the line is approximately 15,000 bbls per month.

Describe Area Affected and Cleanup Action Taken.* All of the released crude oil was contained inside the firewall of tank #374. Excavated soil will be remediated per NMOCD guidelines.

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: DB	OIL CONSERVATION DIVISION
Printed Name: Daniel Bryant	Approved by District Supervisor: Johnson ENVIRONMENTAL ENGINEER
Title: Environmental R/C Specialist	Approval Date: 11.28.07 Expiration Date: 2.29.08
E-mail Address: dmbryant@paalp.com	Conditions of Approval: Attached ☐
Date: Phone: (432) 557-5865	

* Attach Additional Sheets If Necessary

1 of 3

RP# 1668

istrict I
525 N. French Dr., Hobbs, NM 88240
istrict II
301 W. Grand Avenue, Artesia, NM 88210
istrict III
000 Rio Brazos Road, Aztec, NM 87410
istrict IV
220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact	Daniel Bryant
Address	P.O. Box 3119 – Midland, Tx 79702	Telephone No.	(432) 557-5865
Facility Name	Jal Tank Farm	Facility Type	Tank Farm

Surface Owner Plains All American / Joyce Willis	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	32	25S	37E					Lea
M	33	25S	37E					

Latitude N32° 04' 52.1" Longitude W103° 10' 35.1"

NATURE OF RELEASE

Type of Release Sweet Crude Oil	Volume of Release 20 bbls	Volume Recovered 10 bbls
Source of Release 10" Sweet Truck Haul Line	Date and Hour of Occurrence 07/13/2005 15:00	Date and Hour of Discovery 07/13/2005 15:40
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Larry Johnson	
By Whom? Daniel Bryant	Date and Hour 07/14/2005 8:05 (left message)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Internal corrosion caused the release of sweet crude oil at the Plains Jal tank farm. Line was removed from service until replacement. Pressure of the line runs 25 lbs and the gravity runs 42 @ 112°. H_2S content is <10 ppm. Throughput on the line is approximately 15,000 bbls per month. Line depth is approximately 2.5' at the release source.

Describe Area Affected and Cleanup Action Taken.*
Site is being investigated to determine extent of impact.
Impacted soil will be remediated per NMOCD guidelines.

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, hum... 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: Daniel Bryant
Printed Name: Daniel Bryant
Title: Environmental R/C Specialist
E-mail Address: dmbryant@paalp.com
Date: 7/22/05 Phone: (432) 557-5865

OIL CONSERVATION DIVISION

Approved by District Supervisor: ENVIRONMENTAL ENGINEER

Approval Date: 11-28-07 Expiration Date: 2-28-08

Conditions of Approval: Attached ☐

Attach Additional Sheets If Necessary

2 of 3

RP#1668

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Form C-141
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Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Plains Pipeline, LP	Contact	Daniel Bryant
Address	P.O. Box 3119 – Midland, Tx 79702	Telephone No.	(432) 557-5865
Facility Name	Jal Tank Farm	Facility Type	Tank Farm

Surface Owner Plains All American	Mineral Owner	Lease No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	32	25S	37E					Lea

Latitude N32° 04' 52.1" **Longitude** W103° 10' 35.1"

NATURE OF RELEASE

Type of Release Sweet Crude Oil	Volume of Release 30 bbls	Volume Recovered 20 bbls
Source of Release 10" Truck Haul Line	Date and Hour of Occurrence 07/25/2005 07:00	Date and Hour of Discovery 07/25/2005 07:30
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Larry Johnson	
By Whom? Daniel Bryant	Date and Hour 07/26/2005 09:15 (left message)	
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Internal corrosion caused the release of sweet crude oil at the Plains Jal tank farm. Release occurred while line was excavated for pipeline replacement. Pressure of the line runs 25 lbs and the gravity runs 42 @ 112°. H_2S content is <10 ppm. Throughput on the line is approximately 15,000 bbls per month. Line depth is approximately 2.5' at the release source.

Describe Area Affected and Cleanup Action Taken.*
Released crude oil was contained within the pipeline excavation trench.
Impacted soil will be remediated per NMOCD guidelines.

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: Daniel Bryant

Printed Name: Daniel Bryant

Title: Environmental R/C Specialist

E-mail Address: dmbryant@paalp.com

Date: 7/27/05 Phone: (432) 557-5865

OIL CONSERVATION DIVISION

Approved by District Supervisor: Johnson ENVIRONMENTAL ENGINEER

Approval Date: 11-28-07 Expiration Date: 2-29-08

Conditions of Approval: Attached ☐

Attach Additional Sheets If Necessary

3 of 3

RP#1668