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.	

RECEIVED
MAY 07 2009
HOBBSOCD

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.*
Please refer to the Remediation Summary and Site Closure Request for closure data.

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	OIL CONSERVATION DIVISION
Printed Name: Daniel Bryant	Approved by District Supervisor: ENVIRO ENGR
Title: Environmental R/C Specialist	Approval Date: 4.29.09 Expiration Date: —
E-mail Address: dmbryant@paalp.com	Conditions of Approval: Attached ☐ IRP-1668
Date: 4/29/09 Phone: (432) 557-5865	

* Attach Additional Sheets If Necessary

* 1 of 3

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Release Notification and Corrective Action

OPERATOR

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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 / Joyce Willis		

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.	

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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.*
Please refer to the Remediation Summary and Site Closure Request for closure data.

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	OIL CONSERVATION DIVISION	
Printed Name: Daniel Bryant	Approved by District ~~Supervisor~~: ENVIRO ENGR	
Title: Environmental R/C Specialist	Approval Date: 4.29.09	Expiration Date:
E-mail Address: dmbryant@paalp.com	Conditions of Approval:	Attached ☐ IRP-1668
Date: 4/29/09 Phone: (432) 557-5865		

* Attach Additional Sheets If Necessary

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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	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	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 Watercou	

RECEIVED
MAY 07 2009
HOBBSOCD

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.*
Please refer to the Remediation Summary and Site Closure Request for closure data.

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	OIL CONSERVATION DIVISION
Printed Name: Daniel Bryant	Approved by District ~~Supervisor~~: Environ Engr
Title: Environmental R/C Specialist	Approval Date: 4.29.09 Expiration Date:
E-mail Address: dmbryant@paalp.com	Conditions of Approval: Attached ☐
Date: 4/29/09 Phone: (432) 557-5865	IRP-1668

* Attach Additional Sheets If Necessary

* # 3 of 3

Basin Environmental Consulting, LLC

2800 Plains Highway
P. O. Box 381
Lovington, New Mexico 88260
cdstanley@basin-consulting.com
Office: (575) 396-2378 Fax: (575) 396-1429

Effective Solutions

REMEDIATION SUMMARY AND SITE CLOSURE REQUEST

PLAINS PIPELINE, 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 Pipeline, L.P.
333 Clay Street
Suite 1600
Houston, Texas 77002

Prepared By:
Basin Environmental Consulting, LLC
2800 Plains Highway
P.O. Box 381
Lovington, New Mexico 88260

March 2009

Curt D. Stanley
Project Manager

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FIGURES

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APPENDICES

INTRODUCTION AND SITE BACKGROUND

On June 27, 2005, B&H Maintenance and Construction Company (B&H), on behalf of Plains Pipeline, L.P. (Plains) responded to a crude oil release located on the Tank 374 10" sweet truck haul line. The Jal Tank Farm release (SRS# 2005-00151) was contained by Plains operations personnel utilizing a temporary pipeline repair clamp. The Jal Tank Farm release (SRS# 2005-00151) is located within the Plains Jal Station Facility on property owned by Plains Pipeline, L.P.

On July 13, 2005, Basin Environmental Service Technologies, LLC (Basin), on behalf of Plains responded to a crude oil release located on the Tank 374 10" sweet truck haul line. The Tank 374 10" Sweet Truck Haul Line crude oil release (SRS# 2005-00172) was contained by Plains operations personnel utilizing a temporary pipeline repair clamp. Basin initiated excavation of the impacted soil and stockpiled the impacted soil adjacent to the excavation on a 6-mil poly liner.

On July 25, 2005, a crude oil release occurred from the exposed Tank 374 10" sweet truck haul line, releasing crude oil into the excavated area. The Jal Tank Farm release (SRS# 2005-00183) was contained by Plains operations personnel utilizing a temporary pipeline repair clamp. The Tank 374 10" Sweet Truck Haul Line (SRS# 2005-00172) and Jal Tank Farm (SRS# 2005-00183) are located on property owned by Mr. George Willis.

Plains requested the initial crude oil release identified as Jal Tank Farm (SRS# 2005-00151), located within the Jal Station Tank Farm and occurring on June 27, 2005, be incorporated with the remedial activities to be conducted for the subsequent releases (SRS# 2005-00172 and 2005-00183).

The combined sites are located in Unit "P" (SE¼/SE¼) Section 32, Township 25 South, Range 37 East, in Lea County, New Mexico. A Site Location and Site Map are provided as Figure 1 and Figure 2, respectively. The site latitude is 32°, 04', 52.1" North and site longitude is 103°, 10', 34.8" West. The site is located in a pipeline right-of-way located inside and adjacent to the Plains Jal Station. Plains Jal Station crude oil pump station is located on the Plains pipeline system and contains numerous large volume holding tanks, pumping stations and pipelines delivering crude oil to refineries. The June 27, 2005, crude oil release had a visible surface stain covering an area approximately 20 feet in length and 20 feet in width. The July 13 and 25, 2005, release had a visible surface stain covering an area approximately 115 feet in length and 26 feet in width. A combined total of approximately 70 barrels of crude oil were estimated to have been released from the three (3) crude oil pipeline releases and approximately 40 barrels were recovered.

Representatives of the NMOCD – Hobbs District Office were verbally notified of the three (3) releases on June 27, 2005, July 14, 2005 and July 26, 2005. Plains representatives completed and submitted three (3) NMOCD C-141 forms to the NMOCD, Hobbs District Office. The Notification and Corrective Action Forms (Form C-141) are provided in Appendix D.

NMOCD SOIL CLASSIFICATION

A search of the New Mexico Office of the State Engineer (NMOSE) database indicated the depth to groundwater ranged from 95 to 102 feet bgs in the section. The depth to groundwater reference map utilized by NMOCD, Hobbs District Office, indicated depth to groundwater ranging from 100 to 110 feet in the area. Drilling data from the advancement of soil boring SB-1 to a depth of approximately 100 feet below ground surface (bgs) indicated groundwater was not encountered. There are no surface water bodies or water wells within 1,000 feet of the release site. Based on analytical results of soil samples collected during the soil investigation activities conducted in September 2005 (described in the Summary of Field Activities section below), twenty (20) points are assigned to the site.

Based on this data, the site has an NMOCD Ranking Score of greater than 19, which sets the remediation levels as follows:

Benzene: 10 mg/Kg (ppm)

BTEX: 50 mg/Kg (ppm)

TPH: 100 mg/Kg (ppm)

SUMMARY OF FIELD ACTIVITIES

The initial excavation dimensions of the 1st crude oil release (June 27, 2005), inside Jal Tank Farm proper were approximately 20 feet in length, 20 feet in width and approximately 2 feet in depth. The initial excavation dimensions of the 2nd and 3rd crude oil releases (July 13 and 27, 2005), located adjacent to Jal Tank Farm, were approximately 115 feet in length, 26 feet in width and ranged from approximately 5 to 15 feet in depth. Approximately 1,700 cubic yards (cy) of impacted soil was stockpiled on-site as a result of the remediation activities.

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 Photo Ionization Detector (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 September 6 through 8, 2005, eight (8) soil borings (SB-1 through SB-8) were advanced utilizing an air rotary drill rig, to evaluate the vertical extent of crude oil impact adjacent to the release point and flow path area. Six (6) soil borings (SB-1 through SB-6) were advanced adjacent to the Jal Tank Farm and two (2) soil borings (SB-7 and SB-8) were advanced inside Jal Tank Farm. The eight (8) soil borings were advanced at surface grade and ranged in depth from approximately 20 to 100 feet bgs. Subsurface soil samples were collected at five (5) foot drilling intervals and field screened with a PID. No visual observations of free phase hydrocarbons (PSH) or groundwater were encountered during the advancement of the soil borings. The selected samples were analyzed for constituent concentrations of benzene, toluene, ethylbenzene, xylenes (BTEX) and total petroleum hydrocarbons (TPH). Laboratory

analytical reports are provided as Appendix A, soil boring logs are provided as Appendix B, and a summary of Concentrations of BTEX and TPH in Soil is provided in Table 1.

Soil Boring SB-1, as depicted on the site map (Figure 2), was advanced adjacent to the July 13 and 27, 2005 (SRS # 2005-00172 and 2005-00183) release point at surface grade. The soil boring was advanced to a subsurface depth of approximately 100 feet bgs. Soil samples collected at drilling depths of 5, 15, 25, 40, 50, 60, 70, 80, 90 and 100 feet were submitted for laboratory analysis. The analytical results indicated benzene concentrations were reported below the laboratory MDL for all submitted soil boring SB-1 soil samples. The analytical results indicated constituent concentrations of BTEX were reported below the NMOCD regulatory standard for the 5, 15 and 25 foot soil samples and were not detected above the laboratory method detection limit (MDL) for the 40, 50, 60, 70, 80, 90 and 100 foot soil samples. Laboratory analytical results indicated constituent concentrations of TPH were reported below the NMOCD regulatory standard for the 50 and 60 foot soil samples and exceeded the NMOCD regulatory standard for the 5, 15, 25, 40, 70, 80, 90 and 100 feet soil samples at 7,560 mg/Kg, 4,760 mg/Kg, 1,320 mg/Kg, 455 mg/Kg, 279 mg/Kg, 227 mg/Kg, 227 mg/Kg, 118 mg/Kg and 576 mg/Kg, respectively.

Soil Boring SB-2, was advanced up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) foot drilling intervals and field screened using a PID. The soil boring was advanced to a subsurface depth of approximately 40 feet bgs. Soil samples were collected at drilling depths of 5, 15, 25 and 40 feet bgs were submitted for laboratory analysis. The analytical results indicated benzene concentrations were reported below the laboratory MDL for all submitted soil boring SB-2 soil samples. Laboratory analytical results indicated constituent concentrations of BTEX were reported below NMOCD regulatory standard for the 15 feet soil sample and were not detected above the laboratory MDL for the 5, 25 and 40 feet bgs soil samples. Laboratory analytical results indicated constituent concentrations of TPH were reported to exceed NMOCD regulatory standard for the 5 feet bgs soil sample at 143 mg/Kg, and not detected above the laboratory MDL for the 15, 25 and 40 feet bgs soil samples.

Soil Boring SB-3, was advanced up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) foot drilling intervals and field screened with a PID. The soil boring was advanced 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. The analytical results indicated benzene concentrations were reported below the laboratory MDL for all submitted soil boring SB-3 soil samples, with the exception of the soil sample collected at 25 feet bgs which exhibited a benzene concentration of 0.0283 mg/Kg. Laboratory analytical results indicated constituent concentrations of BTEX were reported below the NMOCD regulatory standard for the 5, 15, 25, 40 and 50 foot soil samples and were not detected above the laboratory MDL for the 60 foot bgs soil sample. Laboratory analytical results indicated constituent concentrations of TPH were reported to exceed the NMOCD regulatory standard for the 5, 15, 25 and 40 feet bgs soil samples at 3,070 mg/Kg, 4,950 mg/Kg, 2,700 mg/Kg and 327 mg/Kg, respectively and were below the NMOCD regulatory standard for the 50 and 60 foot soil samples.

Soil Boring SB-4, was advanced up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) foot drilling intervals and field screened using a PID. The soil boring was advanced 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 analytical results indicated constituent concentrations of benzene, BTEX and TPH were not detected above the laboratory MDL for the three (3) soil samples.

Soil Boring SB-5, was advanced up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) foot drilling intervals and field screened using a PID. The soil boring was advanced 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 laboratory analysis. Laboratory analytical results indicated constituent concentrations of benzene, BTEX and TPH were not detected above the laboratory MDL for the three (3) soil samples.

Soil Boring SB-6, was advanced up gradient at surface grade adjacent to the flow path area. Soil samples were collected at five (5) foot drilling intervals and field screened using a PID. The soil boring was advanced 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 laboratory analysis. The analytical results indicated benzene concentrations were reported below the laboratory MDL for all submitted soil boring SB-6 soil samples, with the exception of the soil samples collected at 5 and 25 feet bgs which exhibited benzene concentrations of 0.593 mg/Kg and 0.212 mg/Kg, respectively. Laboratory analytical results indicated constituent concentrations of BTEX were reported below the NMOCD regulatory standard for the 5, 15, 25 and 40 foot soil samples and were not detected above the laboratory MDL for the 50, 60, 70 and 80 foot bgs soil samples. Laboratory analytical results indicated constituent concentrations of TPH were reported to exceed the NMOCD regulatory standard for the 5, 15, 25, 40, 50, and 60 foot bgs soil samples at 8,800 mg/Kg, 8,170 mg/Kg, 9,380 mg/Kg, 899 mg/Kg, 376 mg/Kg and 441 mg/Kg, respectively and were reported below the NMOCD regulatory standards for the 70 and 80 foot soil samples.

Soil Boring SB-7, was advanced at surface grade inside the Jal Tank Farm adjacent to the release point of the June 27, 2005 release. Soil samples were collected at five (5) foot drilling intervals and field screened using a PID. The soil boring was advanced 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. The analytical results indicated benzene concentrations were reported below the laboratory MDL for all submitted soil boring SB-7 soil samples, with the exception of the soil sample collected at 15 feet bgs which exhibited a benzene concentration of 0.0422 mg/Kg. Laboratory analytical results indicated constituent concentrations of BTEX were reported below the NMOCD regulatory standard for the 5, 15 and 25 foot soil samples and were not detected above the laboratory MDL for the 40, 50 and 60 foot bgs soil samples. Laboratory analytical results indicated constituent concentrations of TPH were reported to exceed the NMOCD regulatory standards for the 5, 15, 25, 40, 50, and 60 foot bgs soil samples at 3,480 mg/Kg, 5,520mg/Kg, 3,980 mg/Kg, 251 mg/Kg, 123 mg/Kg and 106 mg/Kg, respectively.

Soil Boring SB-8, was advanced down gradient of the June 27, 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 drilling intervals and field screened using a PID. The soil boring was advanced 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 analytical results indicated constituent concentrations of benzene, BTEX and TPH were not detected above the laboratory MDL for the four (4) soil samples.

Following the advancement of the soil borings, Basin prepared a *Preliminary Site Investigation Report and Remediation / Closure Plan,* dated January 25, 2008. The Plan proposed additional excavation of the sidewalls and floors of the two (2) excavations and the installation of an impermeable twenty (20) mil polyurethane liner on the floor of the excavations. The Plan proposed blending excavated impacted soil with over-excavated non-impacted soil stockpiled on-site and backfilling the excavations with blended soil not to exceed 1,000 mg/Kg TPH. On January 30, 2008, representatives of Plains and Basin met with Mr. Chris Williams of the NMOCD – Hobbs District Office. Following the presentation of the Plan, Mr. Williams granted verbal approval of the proposed activities designed to advance the release sites toward an NMOCD approved risk-based closure.

On February 7, 2008, Basin mobilized heavy equipment and began additional excavation activities at the release sites. The final dimensions of the Jal Tank Farm release (SRS# 2005-00151) located within the Jal Tank Farm, were approximately 30 feet in width, 30 feet in length and approximately 8 feet in depth. The final dimensions of the Tank 374 10" Sweet Truck Haul Line (SRS# 2005-00172) and the subsequent Jal Tank Farm (SRS# 2005-00183) was approximately 32 feet in width, 125 feet in length and approximately 8 to 15 feet in depth. Excavated and over-excavated soil was stockpiled for future on-site blending activities. On April 3, 2008, a twenty (20) mil polyurethane liner was installed on the floor of the two (2) excavations. Photographs of the site and the polyurethane liner installation are provided as Appendix C.

On March 25, 2008, a soil sample of the blended soil was collected and submitted to the laboratory for BTEX and TPH analysis. The analytical results indicated a benzene concentration of less than the laboratory MDL of 0.001 mg/Kg, a BTEX concentration of less than the laboratory MDL of 0.002 mg/Kg and a TPH concentration of 122 mg/Kg.

The excavations were backfilled and contoured to fit the surrounding topography using the blended soil.

SITE CLOSURE REQUEST

Limited excavation, as approved by the NMOCD – Hobbs District Office was completed. The Jal Tank Farm release (SRS# 2005-00151) is within the confines the Plains Jal Tank Farm Facility, the Tank 374 10" Sweet Truck Haul Line (SRS# 2005-00172) and the subsequent Jal Tank Farm (SRS# 2005-00183) are within and adjacent to the Jal Tank Farm Facility.

Basin recommends Plains provide the NMOCD – Hobbs District Office, a copy of this Remediation Summary and Site Closure Request and request the NMOCD grant site closure

status to the Jal Tank Farm (SRS# 2005-00151), Tank 374 10" Sweet Haul Line (SRS# 2005-00172) and the Jal Tank Farm (SRS# 2005-00183) release sites.

LIMITATIONS

Basin Environmental Consulting, LLC, has prepared this Remediation Summary and Site Closure Request to the best of its ability. No other warranty, expressed or implied, is made or intended.

Basin Environmental Consulting, LLC, has examined and relied upon documents referenced in the report and has relied on oral statements made by certain individuals. Basin Environmental Consulting, 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 the information provided in documents or statements is true and accurate. Basin Environmental Consulting, LLC, has prepared this report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Basin Environmental Consulting, LLC, also notes 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 Pipeline, 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 Consulting, LLC, and Plains Pipeline, L.P.

DISTRIBUTION

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Copy 4: Basin Environmental Consulting, LLC
P. O. Box 381
Lovington, New Mexico 88260
cdstanley@basin-consulting.com

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Figures

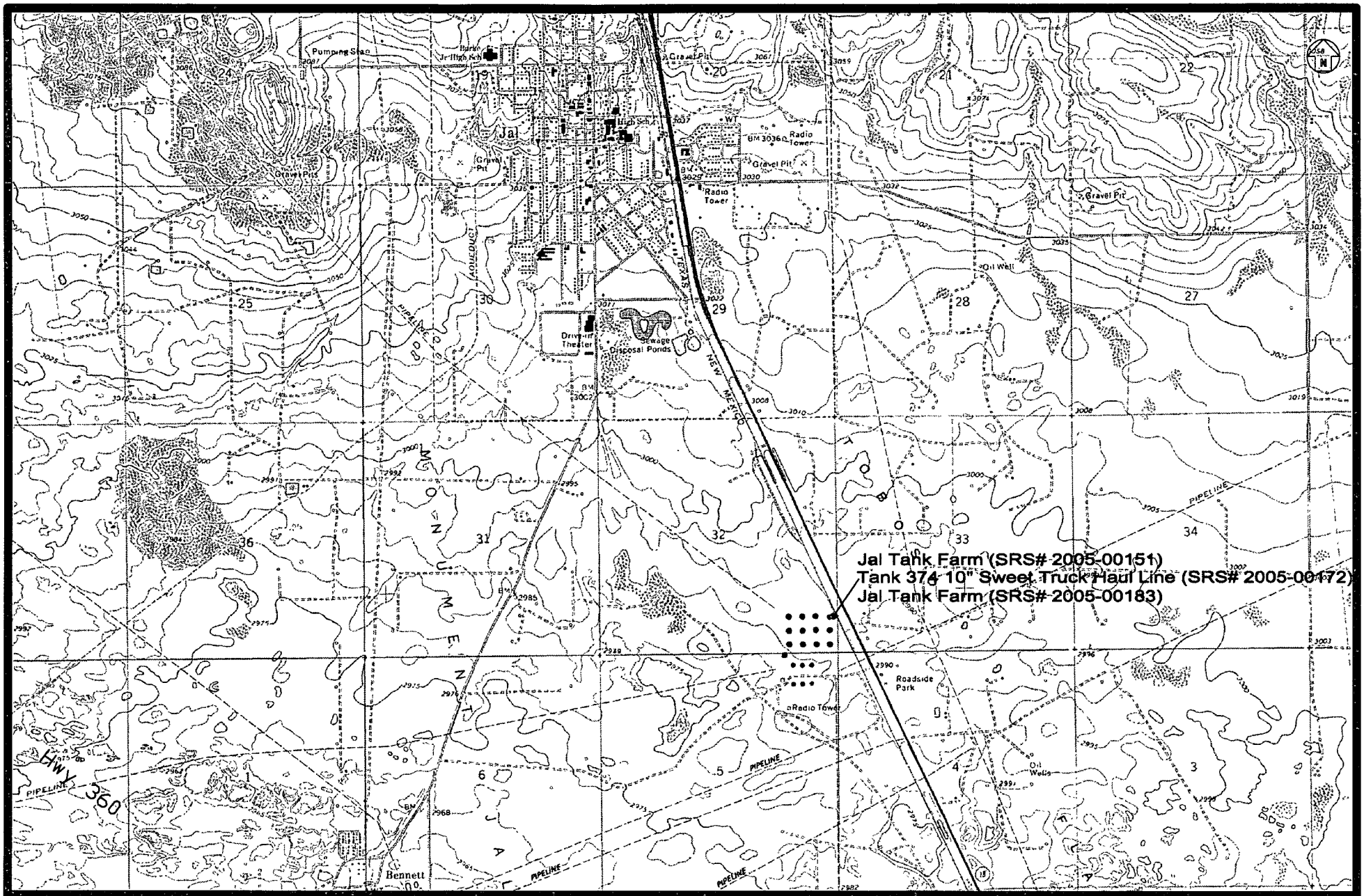
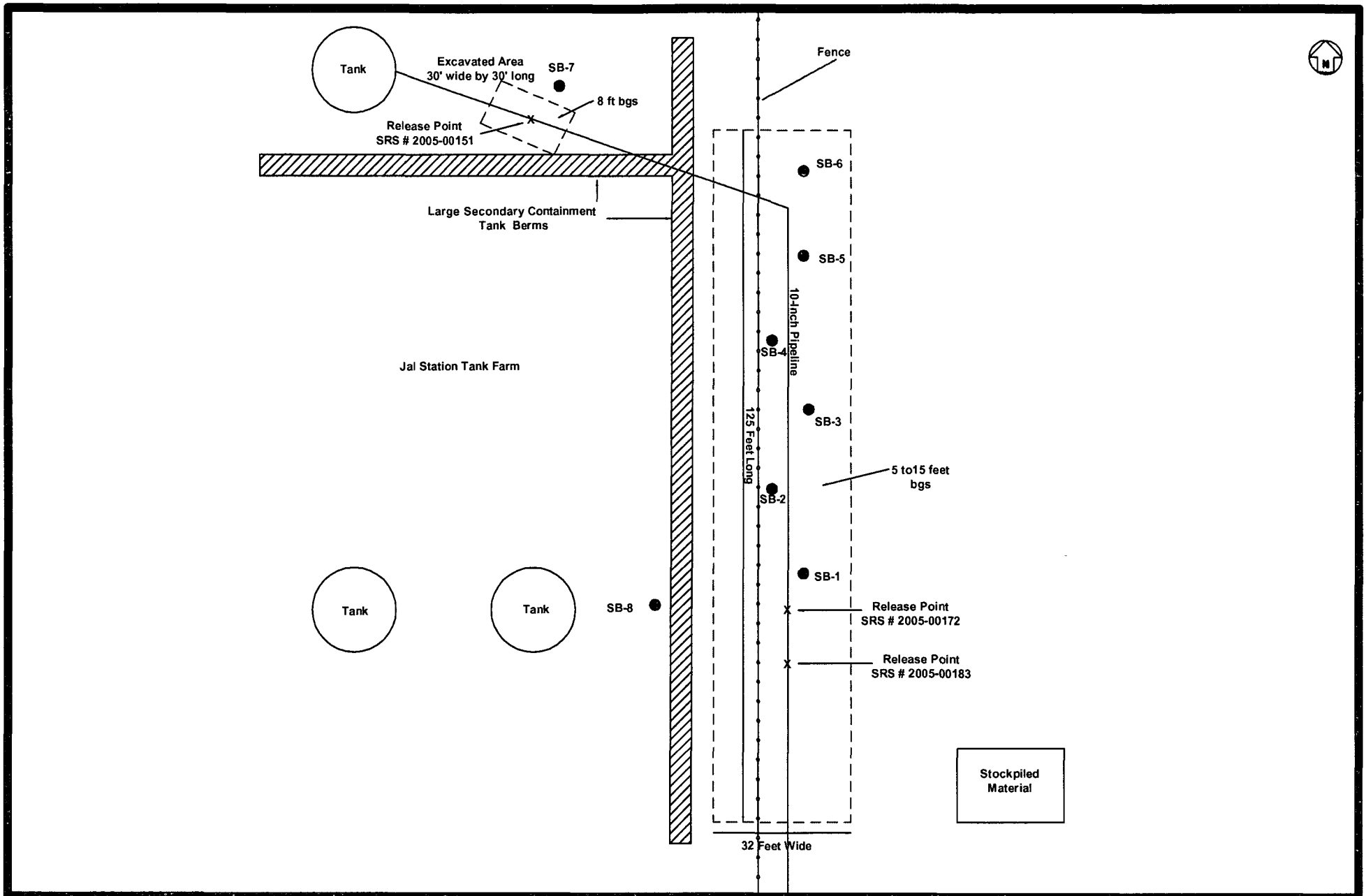


Figure 1
Site Location Map
Jal Tank Farm (2005-00151)
Tank 374 10" Sweet Truck Haul Line (2005-00172)
Jal Tank Farm (2005-00183)
Plains Pipeline, L.P. Lea County, New Mexico
1RP-1668

Basin Environmental Services

Prep By: CDS	Checked By: CDS
March 17, 2009	Scale 1"=3000'



Legend:

- Fence
- Pipeline
- Soil Boring
- Area of Excavation
- Containment Berm

1RP-1668

Figure 2
Site Map
Plains Pipeline, L.P.
Jal Tank Farm (SRS 2005-00151)
Tank 374 10" Sweet Truck Haul Line (SRS 2005-00172)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico

Basin Environmental Services

Prep By: CDS	Checked By: CDS
March 20, 2009	Not to Scale

Tables

TABLE 1

CONCENTRATIONS OF BTEX AND TPH IN SOIL

PLAINS PIPELINE, L.P.
JAL TANK FARM (SRS# 2005-00151)
TANK 374 10" SWEET TRUCK HAUL LINE (SRS# 2005-00172)
JAL TANK FARM (SRS# 2005-00183).
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # 1RP-1668

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030						METHOD: 8015M			E 300.1
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{35} (mg/Kg)	TOTAL TPH C_6-C_{35} (mg/Kg)	Chlorides (mg/kg)
SB-1 5'	5' bgs	09/06/05	<0.025	0.0963	0.0876	1.47	0.806	2.4599	1450	6110	7,560	-
SB-1 15'	15' bgs	09/06/05	<0.025	<0.025	<0.025	0.179	0.0484	0.2274	710	4050	4,760	-
SB-1 25'	25' bgs	09/06/05	<0.025	<0.025	<0.025	0.0283	<0.025	0.0283	144	1180	1,320	<20
SB-1 40'	40' bgs	09/06/05	<0.025	<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	<0.025	<10.0	47	47	-
SB-1 60'	60' bgs	09/06/05	<0.025	<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	<0.025	16.1	263	279	-
SB-1 80'	80' bgs	09/06/05	<0.025	<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	<0.025	<10.0	118	118	-
SB-1 100'	100' bgs	09/06/05	<0.025	<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	<0.025	<10.0	143	143	-
SB-2 15'	15' bgs	09/06/05	<0.025	<0.025	<0.025	<0.025	<0.025	<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	<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	<0.025	<10.0	<10.0	<10.0	-
SB-3 5'	5' bgs	09/07/05	<0.025	<0.025	0.0298	0.0591	0.029	0.1179	546	2520	3,070	-
SB-3 15'	15' bgs	09/07/05	<0.025	<0.025	0.0317	0.204	0.0469	0.2826	798	4150	4,950	-
SB-3 25'	25' bgs	09/07/05	0.0283	0.176	0.0508	0.254	0.0961	0.6052	737	1960	2,700	-
SB-3 40'	40' bgs	09/07/05	<0.025	0.0253	<0.025	0.0307	<0.025	0.056	32.4	295	327	-
SB-3 50'	50' bgs	09/07/05	<0.025	<0.025	<0.025	0.026	<0.025	0.026	<10.0	34.7	34.7	-
SB-3 60'	60' bgs	09/07/05	<0.025	<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	<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	<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	<0.025	<10.0	<10.0	<10.0	-

TABLE 1

CONCENTRATIONS OF BTEX AND TPH IN SOIL

PLAINS PIPELINE, L.P.
JAL TANK FARM (SRS# 2005-00151)
TANK 374 10" SWEET TRUCK HAUL LINE (SRS# 2005-00172)
JAL TANK FARM (SRS# 2005-00183)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # 1RP-1668

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030						METHOD: 8015M			E 300.1
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{35} (mg/Kg)	TOTAL TPH C_6-C_{35} (mg/Kg)	Chlorides (mg/kg)
SB-5 5'	5' bgs	09/07/05	<0.025	<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	<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	<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	10.463	2200	6600	8,800	-
SB-6 15'	15' bgs	09/07/05	<0.025	0.683	1.16	6.04	2.35	10.233	1900	6270	8,170	-
SB-6 25'	25' bgs	09/07/05	0.212	1.72	1.85	14.5	5.50	23.782	2510	6870	9,380	-
SB-6 40'	40' bgs	09/07/05	<0.025	0.0264	0.0281	0.236	0.0642	0.3547	97.7	801	899	-
SB-6 50'	50' bgs	09/07/05	<0.025	<0.025	<0.025	0.0333	<0.025	0.0333	34	342	376	-
SB-6 60'	60' bgs	09/07/05	<0.025	<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	<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	<0.025	<10.0	26.1	26.1	-
SB-7 5'	5' bgs	09/08/05	<0.025	0.0766	0.0651	0.561	0.202	0.9047	925	2550	3,480	-
SB-7 15'	15' bgs	09/08/05	0.0422	0.246	0.206	2.19	0.879	3.5632	1390	4130	5,520	-
SB-7 25'	25' bgs	09/08/05	<0.025	0.127	0.107	0.793	0.306	1.333	781	3200	3,980	-
SB-7 40'	40' bgs	09/08/05	<0.025	<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	<0.025	<10.0	123	123	-
SB-7 60'	60' bgs	09/08/05	<0.025	<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	<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	<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	<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	<0.025	<10.0	<10.0	<10.0	-

TABLE 1

CONCENTRATIONS OF BTEX AND TPH IN SOIL

PLAINS PIPELINE, L.P.
JAL TANK FARM (SRS# 2005-00151)
TANK 374 10" SWEET TRUCK HAUL LINE (SRS# 2005-00172)
JAL TANK FARM (SRS# 2005-00183)
LEA COUNTY, NEW MEXICO
NMOCD REFERENCE # 1RP-1668

SAMPLE LOCATION	SAMPLE DEPTH	SAMPLE DATE	METHOD: EPA SW 846-8021B, 5030						METHOD: 8015M			E 300.1
			BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL-BENZENE (mg/Kg)	M,P-XYLENES (mg/Kg)	O-XYLENE (mg/Kg)	BTEX (mg/Kg)	GRO C_6-C_{12} (mg/Kg)	DRO C_{12}-C_{35} (mg/Kg)	TOTAL TPH C_6-C_{35} (mg/Kg)	Chlorides (mg/kg)
Stockpile	N/A	03/25/08	<0.001	<0.002	<0.001	<0.002	<0.001	<0.002	<15	122	122	-

Appendix A
Laboratory Reports

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

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

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

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	"	"	"	"	"	"	

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 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*		"	"	"	"	

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 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	"	"	"	"	"	"	

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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*		"	"	"	"	

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	"	"	"	"	"	"	

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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

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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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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*		"	"	"	"	

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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	"	"	"	"	"	"	

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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	"	"	"	"	"	"	

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 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*		"	"	"	"	

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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-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	"	"	"	"	"	"	

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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*		"	"	"	"	

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	

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-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	

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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	

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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	

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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 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: 5112001-12**		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: 5112001-05**			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: 5112001-05**			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*			

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 - 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*			

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 - 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: Raland K Tuttle 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) SL2001	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	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	CHLORIDE 300.1	RUSH TAT (Pre-Schedule)	Standard TAT
-01	SB-1 5'	06 SEP	1034	1	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: 2.5C
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
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
Dan Boyt	9/9/05	4:55pm	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: 2005-00172
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
-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	08SEP05	0950	Dan Bryant	9/9/05	9:50
Dan Bryant	9/9/05	4:55pm	Received by ELOT: Cruz Valdez	9/9/05	9:55

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: 2005-00172
Project Loc: LEA COUNTY, NM
PO #: JAA/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
9.12.2001		2005																					TOTAL					
-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

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

4oz
labels/seals

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 2005-00192
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 / 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
5/1/2001		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	Dail Byrd	9/9/05	9:50
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
Dail Byrd	9/9/05	4:55PM	Chris 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:

ENVIRONMENTAL LAB OF

12600 West I-20 East - Odessa, Texas 79765

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'	5113010-01	Soil	09/08/05 08 48	09/13/05 15 05
SB-7 15'	5113010-02	Soil	09/08/05 08 59	09/13/05 15 05
SB-7 25'	5113010-03	Soil	09/08/05 09 06	09/13/05 15 05
SB-7 40'	5113010-04	Soil	09/08/05 09 17	09/13/05 15 05
SB-7 50'	5113010-05	Soil	09/08/05 09 25	09/13/05 15 05
SB-7 60'	5113010-06	Soil	09/08/05 09 32	09/13/05 15 05
SB-8 5'	5113010-07	Soil	09/08/05 10 15	09/13/05 15 05
SB-8 15'	5113010-08	Soil	09/08/05 10 22	09/13/05 15 05
SB-8 25'	5113010-09	Soil	09/08/05 10 28	09/13/05 15 05
SB-8 40'	5113010-10	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	"	"	"	"	"	"	

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 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*		"	"	"	"	

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 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	"	"	"	"	"	"	

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-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*		"	"	"	"	

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

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	

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 - 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*			

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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 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*			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

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

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: Raland K Tuttle 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 16" SWEET TRUCK HAUL LINE
Project #: EMS: 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: 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
374010		2005														TCLP:									TOTAL:					
-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	David Byrt	12 Sep 05	1305
David Byrt	9/13/5	1505	Jeanne 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:

_____

_____

_____

_____

_____

_____

_____

_____

Analytical Report 300335

for

PLAINS ALL AMERICAN EH&S

Project Manager: Daniel Bryant

Tank 374 10" Sweet Truck Haul

2005-00172

01-APR-08

ENVIRONMENTAL LAB OF

12600 West I-20 East Odessa, Texas 79765

Texas certification numbers:
Houston, TX T104704215

Florida certification numbers:
Houston, TX E871002 - Miami, FL E86678 - Tampa, FL E86675
Norcross(Atlanta), GA E87429

South Carolina certification numbers:
Norcross(Atlanta), GA 98015

North Carolina certification numbers:
Norcross(Atlanta), GA 483

Houston - Dallas - San Antonio - Austin - Tampa - Miami - Latin America
Midland - Corpus Christi - Atlanta

01-APR-08

Project Manager: **Daniel Bryant**
PLAINS ALL AMERICAN EH&S
1301 S. COUNTY ROAD 1150
Midland, TX 79706

Reference: XENCO Report No: **300335**
Tank 374 10" Sweet Truck Haul
Project Address: Lea County, NM

Daniel Bryant:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 300335. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. Estimation of data uncertainty for this report is found in the quality control section of this report unless otherwise noted. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 300335 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting XENCO Laboratories to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 300335

PLAINS ALL AMERICAN EH&S, Midland, TX

Tank 374 10" Sweet Truck Haul

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
Stockpile	S	Mar-25-08 14:30		300335-001

Certificate of Analysis Summary 300335

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: Tank 374 10" Sweet Truck Haul

Project Id: 2005-00172
Contact: Daniel Bryant
Project Location: Lea County, NM

Date Received in Lab: Wed Mar-26-08 09:00 am
Report Date: 01-APR-08
Project Manager: Brent Barron, II

Analysis Requested							
	Lab Id:	300335-001					
	Field Id:	Stockpile					
	Depth:						
	Matrix:	SOIL					
	Sampled:	Mar-25-08 14:30					
BTEX by EPA 8021B	*Extracted:*	Mar-28-08 16 01					
	Analyzed:	Mar-28-08 22:43					
	Units/RL:	mg/kg RL					
Benzene		ND 0 0010					
Toluene		ND 0 0020					
Ethylbenzene		ND 0 0010					
m,p-Xylenes		ND 0.0020					
o-Xylene		ND 0 0010					
Xylenes, Total		ND					
Total BTEX		ND					
Percent Moisture	*Extracted:*						
	Analyzed:	Mar-27-08 08:17					
	Units/RL:	% RL					
Percent Moisture		2.35 1 00					
TPH By SW8015 Mod	*Extracted:*	Apr-01-08 11:45					
	Analyzed:	Apr-01-08 14:48					
	Units/RL:	mg/kg RL					
C6-C12 Gasoline Range Hydrocarbons		ND 15.4					
C12-C28 Diesel Range Hydrocarbons		80 1 15.4					
C28-C35 Oil Range Hydrocarbons		42 0 15 4					
Total TPH		122 1					

Brent Barron
Odessa Laboratory Director

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to effect the recovery of the spike concentration. This condition could also effect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL(PQL) and above the SQL(MDL).

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

* Outside XENCO'S scope of NELAC Accreditation

Form 2 - Surrogate Recoveries

Project Name: Tank 374 10" Sweet Truck Haul

Work Order #: 300335 **Project ID:** 2005-00172

Lab Batch #: 718595 **Sample:** 300335-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0349	0.0300	116	80-120	
4-Bromofluorobenzene	0.0304	0.0300	101	80-120	

Lab Batch #: 718595 **Sample:** 506691-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0304	0 0300	101	80-120	
4-Bromofluorobenzene	0.0313	0 0300	104	80-120	

Lab Batch #: 718595 **Sample:** 506691-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0329	0.0300	110	80-120	
4-Bromofluorobenzene	0.0338	0.0300	113	80-120	

Lab Batch #: 718595 **Sample:** 506691-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

BTEX by EPA 8021B Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0308	0.0300	103	80-120	
4-Bromofluorobenzene	0.0327	0.0300	109	80-120	

Lab Batch #: 718723 **Sample:** 300335-001 / SMP **Batch:** 1 **Matrix:** Soil

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	78.1	100	78	70-135	
o-Terphenyl	43.6	50.0	87	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

Form 2 - Surrogate Recoveries

Project Name: Tank 374 10" Sweet Truck Haul

Work Order #: 300335 **Project ID:** 2005-00172

Lab Batch #: 718723 **Sample:** 506760-1-BKS / BKS **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	90.6	100	91	70-135	
o-Terphenyl	50.0	50.0	100	70-135	

Lab Batch #: 718723 **Sample:** 506760-1-BLK / BLK **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	77.8	100	78	70-135	
o-Terphenyl	44.9	50 0	90	70-135	

Lab Batch #: 718723 **Sample:** 506760-1-BSD / BSD **Batch:** 1 **Matrix:** Solid

Units: mg/kg

TPH By SW8015 Mod Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1-Chlorooctane	86.6	100	87	70-135	
o-Terphenyl	47.9	50.0	96	70-135	

** Surrogates outside limits; data and surrogates confirmed by reanalysis

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: Tank 374 10" Sweet Truck Haul

Work Order #: 300335 **Project ID:** 2005-00172

Analyst: SHE **Date Prepared:** 03/28/2008 **Date Analyzed:** 03/28/2008

Lab Batch ID: 718595 **Sample:** 506691-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021B Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0952	95	0.1	0.1004	100	5	70-130	35	
Toluene	ND	0.1000	0.0939	94	0.1	0.0994	99	6	70-130	35	
Ethylbenzene	ND	0.1000	0.1001	100	0.1	0.1054	105	5	71-129	35	
m,p-Xylenes	ND	0.2000	0.1981	99	0.2	0 2085	104	5	70-135	35	
o-Xylene	ND	0.1000	0.1010	101	0.1	0.1061	106	5	71-133	35	

Analyst: ASA **Date Prepared:** 04/01/2008 **Date Analyzed:** 04/01/2008

Lab Batch ID: 718723 **Sample:** 506760-1-BKS **Batch #:** 1 **Matrix:** Solid

Units: mg/kg

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

TPH By SW8015 Mod Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
C6-C12 Gasoline Range Hydrocarbons	ND	1000	802	80	1000	774	77	4	70-135	35	
C12-C28 Diesel Range Hydrocarbons	ND	1000	805	81	1000	778	78	3	70-135	35	

Relative Percent Difference RPD = 200*|(D-F)/(D+F)|
Blank Spike Recovery [D] = 100*(C)/[B]
Blank Spike Duplicate Recovery [G] = 100*(F)/[E]
All results are based on MDL and Validated for QC Purposes

Sample Duplicate Recovery

Project Name: Tank 374 10" Sweet Truck Haul

Work Order #: 300335

Lab Batch #: 718254 **Project ID:** 2005-00172

Date Analyzed: 03/27/2008 **Date Prepared:** 03/27/2008 **Analyst:** IRO

QC- Sample ID: 300330-001 D **Batch #:** 1 **Matrix:** Soil

Reporting Units: %

Percent Moisture Analyte	SAMPLE / SAMPLE DUPLICATE RECOVERY				
	Parent Sample Result [A]	Sample Duplicate Result [B]	RPD	Control Limits %RPD	Flag
Percent Moisture	1.33	1.58	17	20	

Spike Relative Difference RPD 200 * | (B-A)/(B+A) |
All Results are based on MDL and validated for QC purposes

Environmental Lab of Texas

a XENCO Laboratory Company

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

Phone: 432-563-1800
Fax: 432-563-1713

Project Manager: Ken Dutton
Company Name: Basin Environmental Service Technologies, LLC
Company Address: P. O. Box 301
City/State/Zip: Lovington, NM 88260
Telephone No: (505) 441-2124 Fax No: (505) 396-1429
Sampler Signature: Trey Hahn e-mail: kdutton@basinenv.com

Project Name: TANK 374 10" SWEET TRUCK HAUL
Project #: 2005-00172
Project Loc: Lea County, NM
PO #: PAA - D. Bryant/C. Reynolds
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only) ORDER #: 320335

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO3	HCl	H2SO4	NaOH	Na2S2O3	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW = Groundwater SS=Soil/Solid NP=Non-Potable Specify Other	Analyze For: 8015M TPH 418.1	TPH TX 1005	TPH TX 1005	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N O R M	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	Stockpile			25-Mar-08	1430		1	X								SOIL	X								X				X

Special Instructions:

TCLP / TOTAL: X

Relinquished by	Date	Time	Received by	Date	Time
Trey Hahn	03/26/08	0950			
Relinquished by	Date	Time	Received by:	Date	Time
Relinquished by	Date	Time	Received by ELOT: Cindy Kelly	Date	Time
				3/26/08	9:00

Laboratory Comments:

VOCs Free of Headspace?	Y	N
Custody seals on container(s)		N
Sample Hand Delivered by Sampler/Client Rep ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
Temperature Upon Receipt: 3.0 °C		

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Basin Env. / Plains

Date/ Time: 3.26.08 9.00

Lab ID #: 300335

Initials: QL

Sample Receipt Checklist

				Client Initials
#1 Temperature of container/ cooler?	(Yes)	No	3.0 °C	
#2 Shipping container in good condition?	(Yes)	No		
#3 Custody Seals intact on shipping container/ cooler?	(Yes)	No	Not Present	
#4 Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5 Chain of Custody present?	(Yes)	No		
#6 Sample instructions complete of Chain of Custody?	(Yes)	No		
#7 Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8 Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9 Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10 Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11 Containers supplied by ELOT?	(Yes)	No		
#12 Samples in proper container/ bottle?	(Yes)	No	See Below	
#13 Samples properly preserved?	(Yes)	No	See Below	
#14 Sample bottles intact?	(Yes)	No		
#15 Preservations documented on Chain of Custody?	(Yes)	No		
#16 Containers documented on Chain of Custody?	(Yes)	No		
#17 Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18 All samples received within sufficient hold time?	(Yes)	No	See Below	
#19 Subcontract of sample(s)?	Yes	No	Not Applicable	
#20 VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

Contact _____ Contacted by _____ Date/ Time _____

Regarding _____

Corrective Action Taken:

Check all that Apply.

- ☐ See attached e-mail/ fax
- ☐ Client understands and would like to proceed with analysis
- ☐ Cooling process had begun shortly after sampling event

Appendix B
Soil Boring Logs

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	

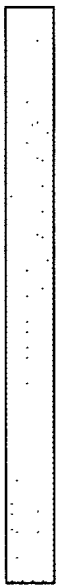
Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line (SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

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 B Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 1
DRAWN BY KAD	DATE January 17, 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 Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line
(SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

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 B Tank 374 10" Sweet Truck Haul Line	Soil Boring 2
DRAWN BY KAD	DATE January 17, 2008

Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line (SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

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 B Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 3
DRAWN BY KAD	DATE January 17, 2008

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	

Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line
(SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

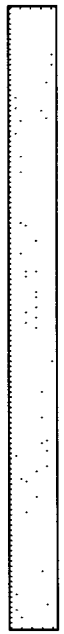
Soil Boring Completion Data

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 B Tank 374 10" Sweet Truck Haul Line	Soil Boring 4
DRAWN BY KAD	DATE January 17, 2008

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	

Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line (SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

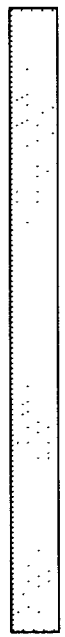
Soil Boring Completion Data

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 B Tank 374 10" Sweet Truck Haul Line	Soil Boring 5
DRAWN BY KAD	DATE January 17, 2008

Depth	Soil Column	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	

Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line (SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

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 B Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 6
DRAWN BY KAD	DATE January 17, 2008

Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line (SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

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 B Tank 374 10" Sweet Truck Haul Line	DESCRIPTION Soil Boring 7
DRAWN BY KAD	DATE January 17, 2008

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	

Plains Pipeline, L. P.
Tank 374 10" Sweet Haul Truck Line
(SRS 2005-00172)
Jal Tank Farm (SRS 2005-00151)
Jal Tank Farm (SRS 2005-00183)
Lea County, New Mexico
SE/SE S32, T25S, R37E
1RP-1668

Soil Boring Completion Data

TD: 40 Feet bgs

Installed 08 September 2005
Basin Environmental Service Technologies

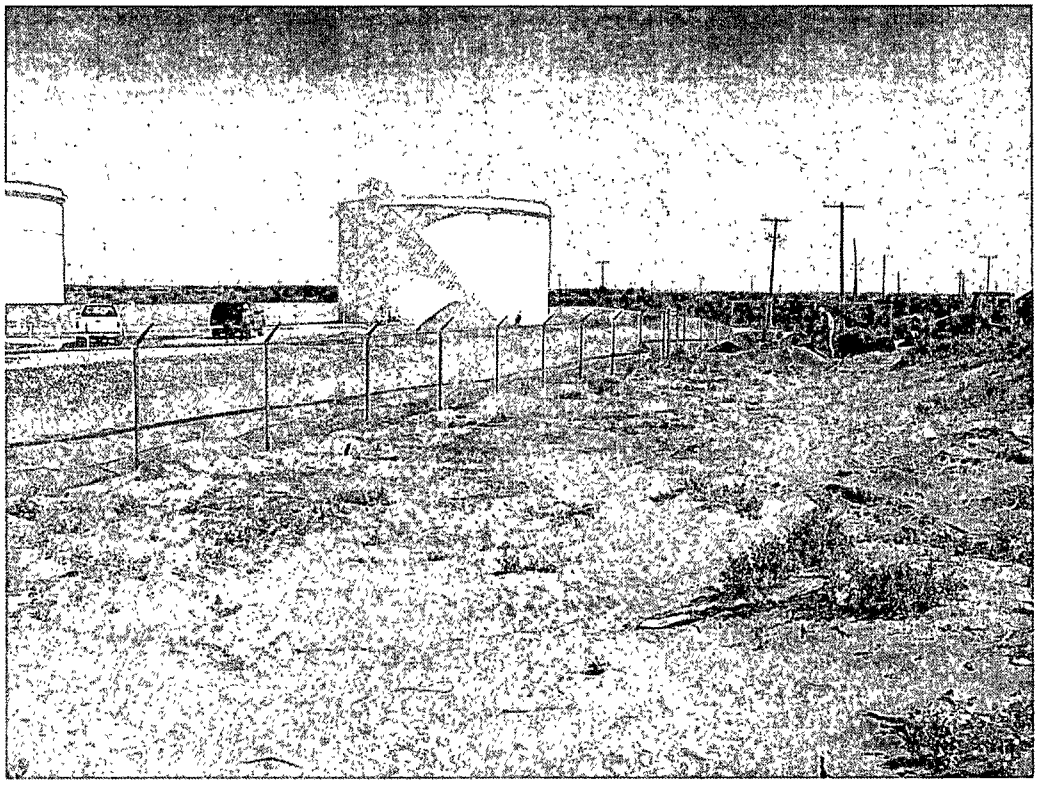
☐ Samples selected for analysis

Soil Boring Completion Data

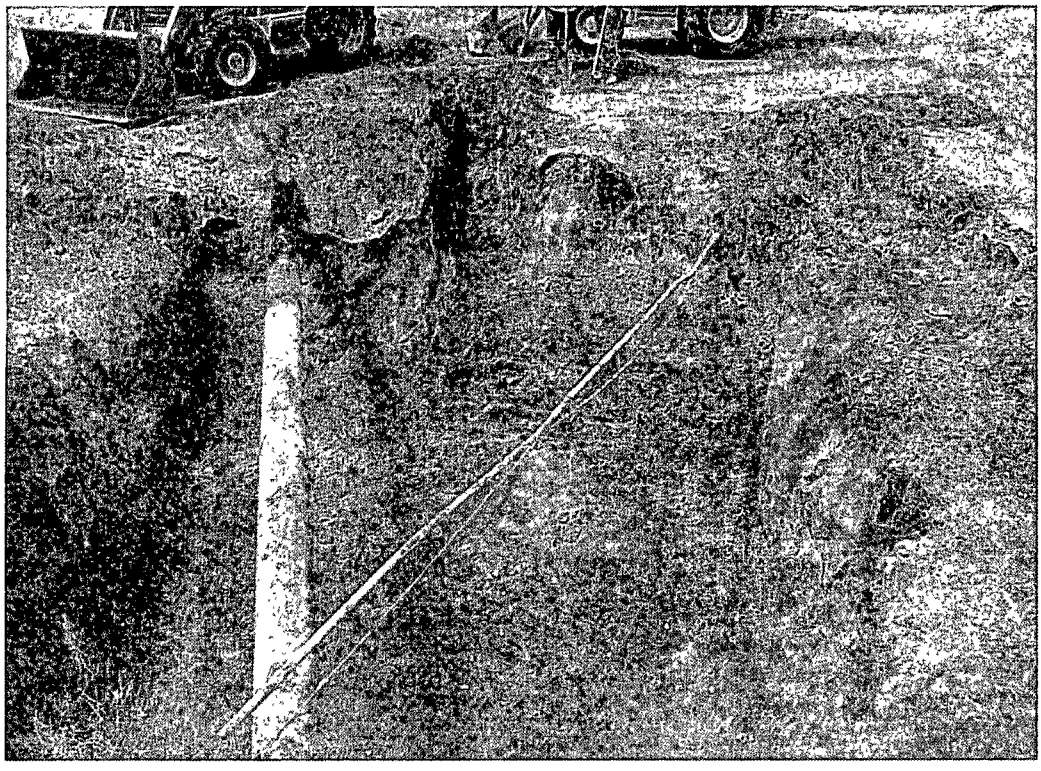
6 bags of hydrated Bentonite Plug Surface to 40' bgs

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

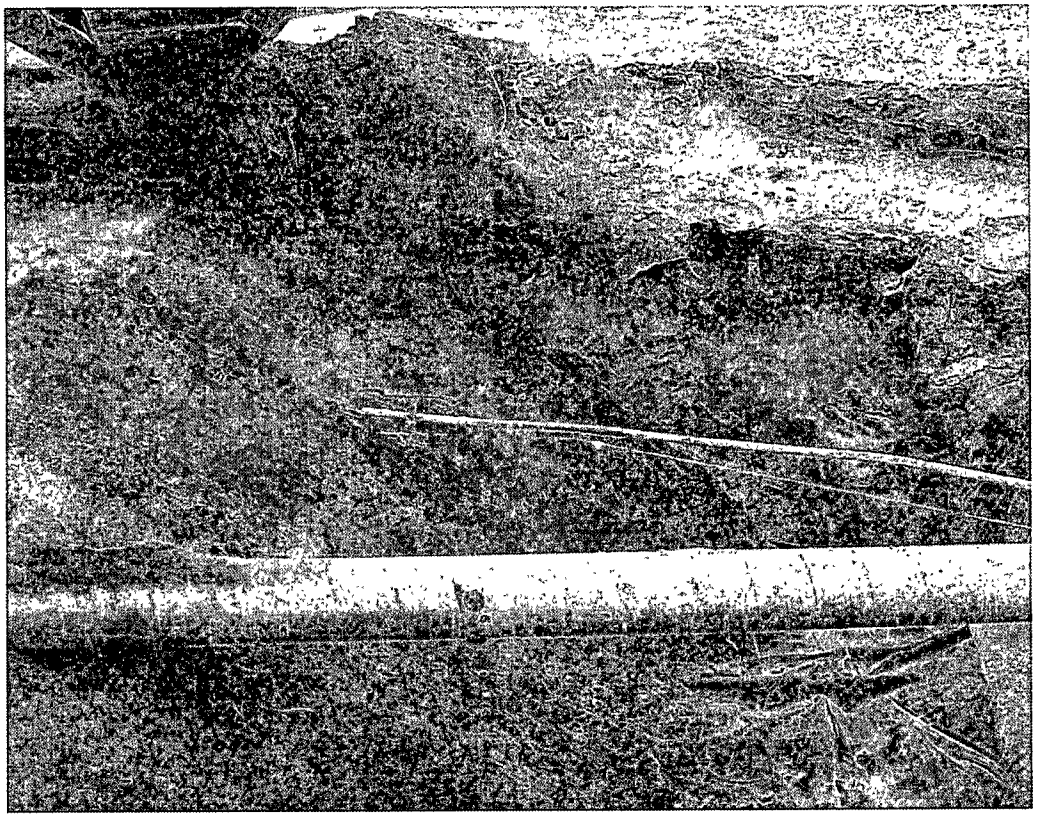
Appendix C
Photographs



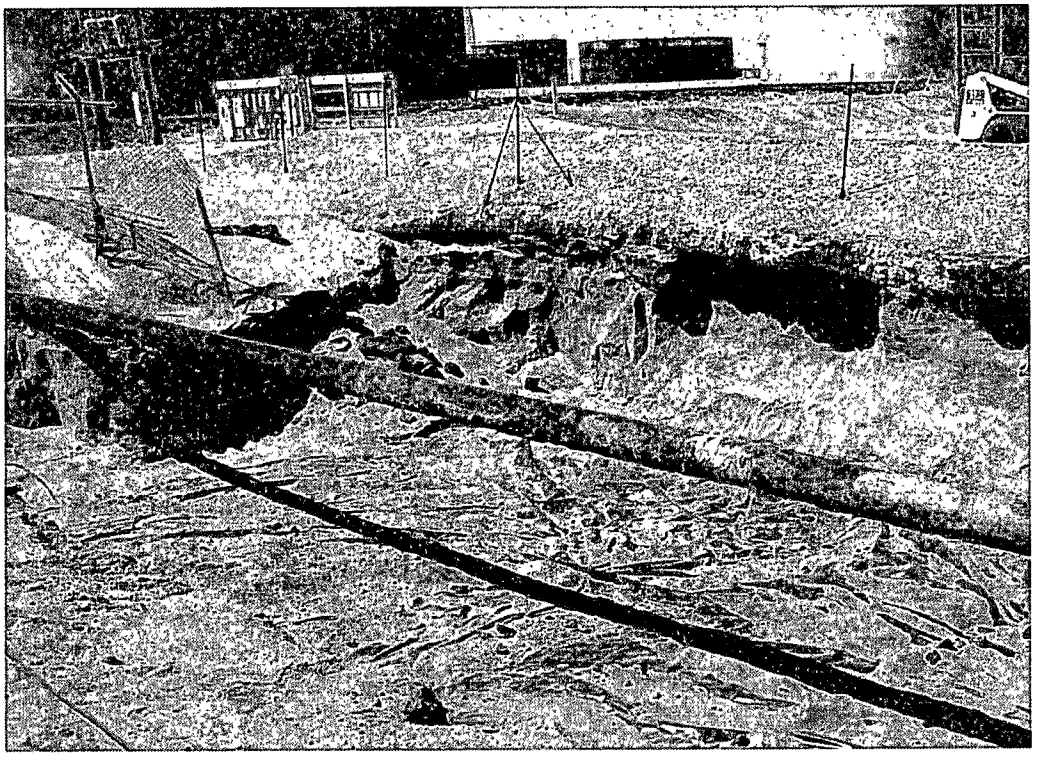
Tank 374 10" Sweet Truck Haul Line (SRS 2005-00172) release, following initial response activities



Excavation of the Jal Tank Farm (SRS 2005-00151) release prior to the liner installation



Liner installation at the Jal Tank Farm (SRS 2005-00151) release



Liner installation at the Tank 374 10" Sweet Truck Haul Line (SRS 2005-00172) release

Appendix D
Release Notification and Corrective Action
(Form C-141)

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: 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

District I
625 N. French Dr., Hobbs, NM 88240
District II
301 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 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, hu... 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	OIL CONSERVATION DIVISION
Printed Name: Daniel Bryant	Approved by District Supervisor: ENVIRONMENTAL ENGINEER
Title: Environmental R/C Specialist	Approval Date: 11-28-07 Expiration Date: 2-28-08
E-mail Address: dmbryant@paalp.com	Conditions of Approval: Attached ☐
Date: 7/22/05 Phone: (432) 557-5865	

Attach Additional Sheets If Necessary

2 of 3

RP#1668

rench Dr., Hobbs, NM 88240
W. Grand Avenue, Artesia, NM 88210
District III
00 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 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
Attach Additional Sheets If Necessary

OIL CONSERVATION DIVISION
Approved by District Supervisor: L Johnson ENVIRONMENTAL ENGINEER
Approval Date: 11.28.07 Expiration Date: 2-29.08
Conditions of Approval: Attached ☐

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