



**PLAINS
PIPELINE**

October 19, 2005

Mr. Larry Johnson
New Mexico Oil Conservation Division
1625 North French Drive
Hobbs, New Mexico 88240



Re: Plains Pipeline Closure Report
Monument 6"
Unit Letter A, Section 5, Township 20S, Range 37E
Lea County, New Mexico

Dear Mr. Johnson:

Please find attached for your approval the Closure Report, dated October 17, 2005, for the Monument 6" release site located in Unit Letter A, Section 5, Township 20S, and Range 37E in Lea County, New Mexico. The Soil Closure Report details activities conducted for soil remediation and closure of the site.

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

Sincerely,

Camille Reynolds
Remediation Coordinator
Plains All American Pipeline

Cc: Mr. and Mrs. Davis, P. O. Box 239, Monument, NM, 88265

Enclosure

#357



October 17, 2005

Mr. Larry Johnson
NM Energy, Minerals, and Natural Resources Department
New Mexico Oil Conservation Division
1625 French Drive
Hobbs, N.M. 88240



RE: Closure Report
Plains All American Pipeline, Monument 6" 72202 (Ref. #2002-10197)
UL-A (NE 1/4 of the NE 1/4) Section 5, Township 20 S, Range 37 E
Latitude N 32° 36' 33" and Longitude W 103° 15' 56"
Lea County, New Mexico

Dear Mr. Johnson:

On March 4, 2004, Environmental Plus, Inc. (EPI), on behalf of Plains All American Pipeline, submitted a Risk Assessment and Site Closure Proposal to the New Mexico Oil Conservation Division (NMOCD) documenting the delineation activities and proposal for remediation of the above-referenced site. The proposal for the risk-based closure was not accepted by the NMOCD, due to the nature of the release (i.e. the front yard of the residence). On January 26, 2005, the North Excavation Closure Proposal was submitted to the NMOCD documenting remedial activities to date and proposing closure of the excavation. Approval was granted to proceed with closure on January 31, 2005. Excavation of the north area of the release site, polyethylene barrier installation, backfilling, grading/contouring and grass seeding constitutes the final closure activity at this site, which this letter documents.

Site Background

The site is located in Lea County, New Mexico at latitude N 32° 36' 55" and longitude W 103° 15' 55" and elevation of approximately 3,560 feet above mean sea level. The release site is on land owned by Ms. Delores Davis. EPI was retained to delineate and remediate the hydrocarbon impacted soil. Based on the previously submitted Site Characterization and Proposal for Risk-Based Closure Report, Ref. #2002-10197, March 4, 2004 and North Excavation Closure Proposal, January 26, 2005, the remedial goals for this site are as follows:

Table with 2 columns: Parameter, Remedial Goals. Rows: Benzene^A (10 mg/Kg), BTEX^A (50 mg/Kg), TPH (100 mg/Kg)

A - A 100 ppm field analysis may be substituted for laboratory analyses.

The site consisted of a southeastern, southwestern and northern excavation. Hydrocarbon impacted soil above NMOCD remedial goals was excavated and transported to Lea Station Land Farm for treatment. For further background information, please reference the Link Energy Risk Assessment and Site Closure Proposal, Ref. #2002-10197, March 4, 2004 and Plains All American Pipeline North Excavation Closure Proposal, January 26, 2005.

ENVIRONMENTAL PLUS, INC.

Field Work

Between October 2004 and January 2005, EPI personnel excavated approximately 11,148 cubic yards of soil impacted above NMOCD remedial thresholds from the release area. Impacted soil was transported to the Lea Station Land Farm for treatment. The vertical extent of contamination extended to a depth 16 feet below ground surface (bgs) at the southeastern excavation, 22 feet bgs at the southwestern excavation and 26 feet bgs at the north excavation. Approximately 12,896 cubic yards of imported backfill material was utilized to compact and backfill the excavation.

On December 7, 2004, grab soil samples were collected from five locations in the southeastern and southwestern excavations: north, east, west, and south walls and the excavation floor and submitted to an independent laboratory for confirmatory analyses. Upon laboratory confirmation that NMOCD remedial goals had been achieved, the southeastern and southwestern excavations were backfilled with clean soil and graded to allow natural drainage.

On January 10, 2005, grab soil samples were collected from the northern excavation in 24 locations and a composite sample from the stockpiled backfill material. Samples were collected from each excavation bench to the excavation floor and submitted for laboratory analyses. Analytical results indicated that hydrocarbon impacted soil remained in the north sidewall. On January 24, 2005, after further excavation of the north sidewall, soil samples were collected from the north sidewall and submitted for laboratory analyses. Upon laboratory confirmation that NMOCD remedial thresholds had been achieved, isolation of the remaining source term (i.e. the excavation floor) began. A one foot layer of sand was placed on the excavation floor at 26-foot bgs to act as a cushion for a 20-mil polyethylene liner (reference *Photograph # 7, 8 and 9*). Another one foot layer of sand was placed on the polyethylene liner and the excavation was backfilled with clean soil and graded to allow natural drainage (reference *Photograph #10, 11 and 12*).

The soil was prepared and the seed drilled with a combination drill/roller packer. Approximately 1.4 acres was seeded with Blue Grama grass and Rye. As the first seeding failed to produce any vegetation, in August 2005 the soil was amended with approximately 40 tons of composted dairy manure. Into the amended soil, a mixture of German Millet, Blue Grama, Buffalograss and Bermudagrass was seeded. Final closure activity at this site was accomplished with the conclusion of seeding.

Analytical Data

Confirmatory grab soil samples were collected on December 7, 2005 from the southeastern and southwestern excavations. Samples were placed in a jar provided by an independent laboratory and set on ice for transport to the laboratory for quantification of benzene, toluene, ethylbenzene, xylenes (BTEX) via EPA Method 8260B and total petroleum hydrocarbons (TPH) via EPA Method 8015 Modified. Laboratory analyses indicated TPH and BTEX constituent concentrations in all samples were not detected at or above laboratory method detection limits (MDL). All reported TPH and BTEX constituent concentrations were below NMOCD remedial thresholds as outlined above (reference *Table 2*).

On January 10, 2005, confirmatory grab samples were collected from the northern excavation and composite samples from the stockpiled backfill material. Samples were placed in a jar provided by an independent laboratory and set on ice for transport to the laboratory for quantification of BTEX via EPA Method 8260B and TPH via EPA Method 8015 Modified. Laboratory analyses indicated TPH and BTEX constituent concentrations in all samples were not detected at or above laboratory MDL, with the exception of the north sidewall. Samples collected on January 24, 2005, from the north sidewall following additional excavation indicated that TPH and BTEX constituent concentrations were not detected at or above laboratory MDL. All reported TPH and BTEX constituent concentrations were below NMOCD remedial thresholds as outlined above (reference *Table 1*).

Conclusion

The information provided in this letter documents the final remedial and site closure activities at the Monument 6" release site, located in UL-A of Section 5, Range 37 East, Township 20 South, Lea County, New Mexico. Upon receipt of laboratory confirmation that hydrocarbon impacted soil had been successfully removed, a 20-mil polyethylene liner was installed to isolate the residual hydrocarbons remaining in the excavation floor. Final closure activity at the site consisted of backfilling the excavation, contouring to allow drainage and seeding native and introduced range grass. Based on past and current documentation, EPI, on behalf of Plains All American Pipeline, submits the remedial activities performed at this site have achieved all NMOCD remedial goals in accordance with the approved work plan and request a letter stating that no further action be required.

Should you have any questions or concerns, please feel free to contact Iain Olness or me at (505) 394-3481 or via e-mail at pmccasland@envplus.net.

Sincerely,

ENVIRONMENTAL PLUS, INC.



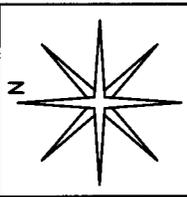
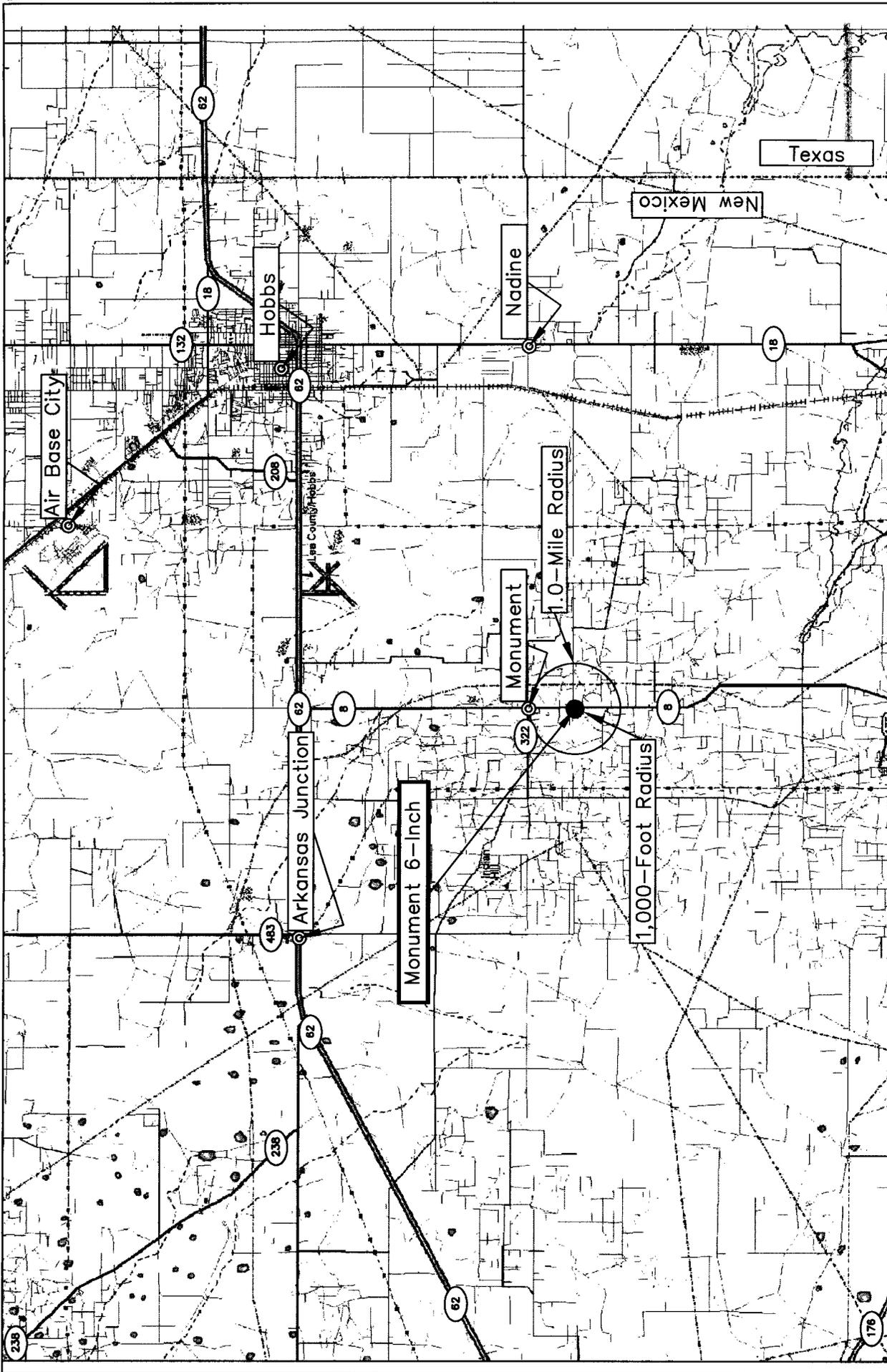
Pat McCasland
EPI Safety Director/Environmental Consultant

cc: Ms. Camille Reynolds, Plains All American Pipeline, Lovington, NM
Mr. Jeff Dann, Plains All American Pipeline, Houston, TX
Mr. and Mrs. Davis, Landowners
File

enclosures:

Figure 1- Area Map
Figure 2- Site Location Map
Figure 3- Site Map
Figure 4- North Excavation Sample Location Map
Figure 5- Southeastern and Southwestern Sample Location Map
Table 1- Summary of North Excavation Soil Sample Laboratory Analytical Results
Table 2- Summary of Southeastern and Southwestern Soil Sample Laboratory Analytical Results
Attachment I- Soil Sample Laboratory Results and Chain-of-Custody Form
Attachment II- Site Photographs
Attachment III- Final C-141

FIGURES



REVISED:

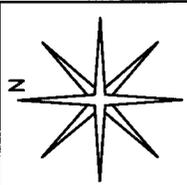
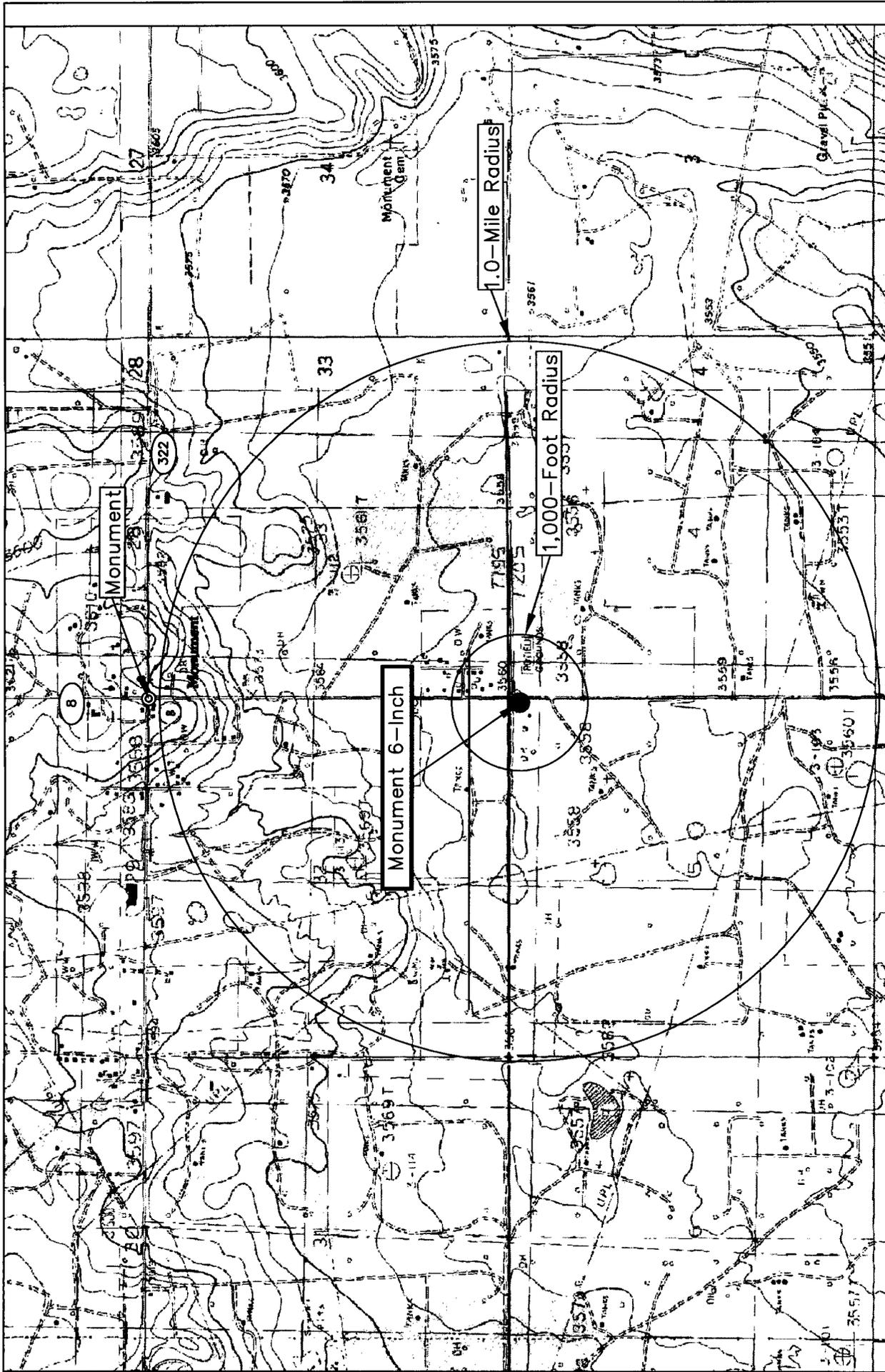
DWG By: Daniel Dominguez
 October 2005

Lea County, New Mexico
 NE 1/4 of the NE 1/4, Sec. 5, T20S, R37E
 N 32° 36' 33" W 103° 15' 56"
 Elevation: 3,560 feet amsl

Figure 1
 Area Map
 Plains All American Pipeline, L.P.
 Monument 6 Inch

SHEET
 1 of 1





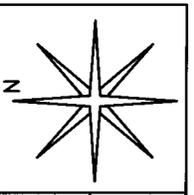
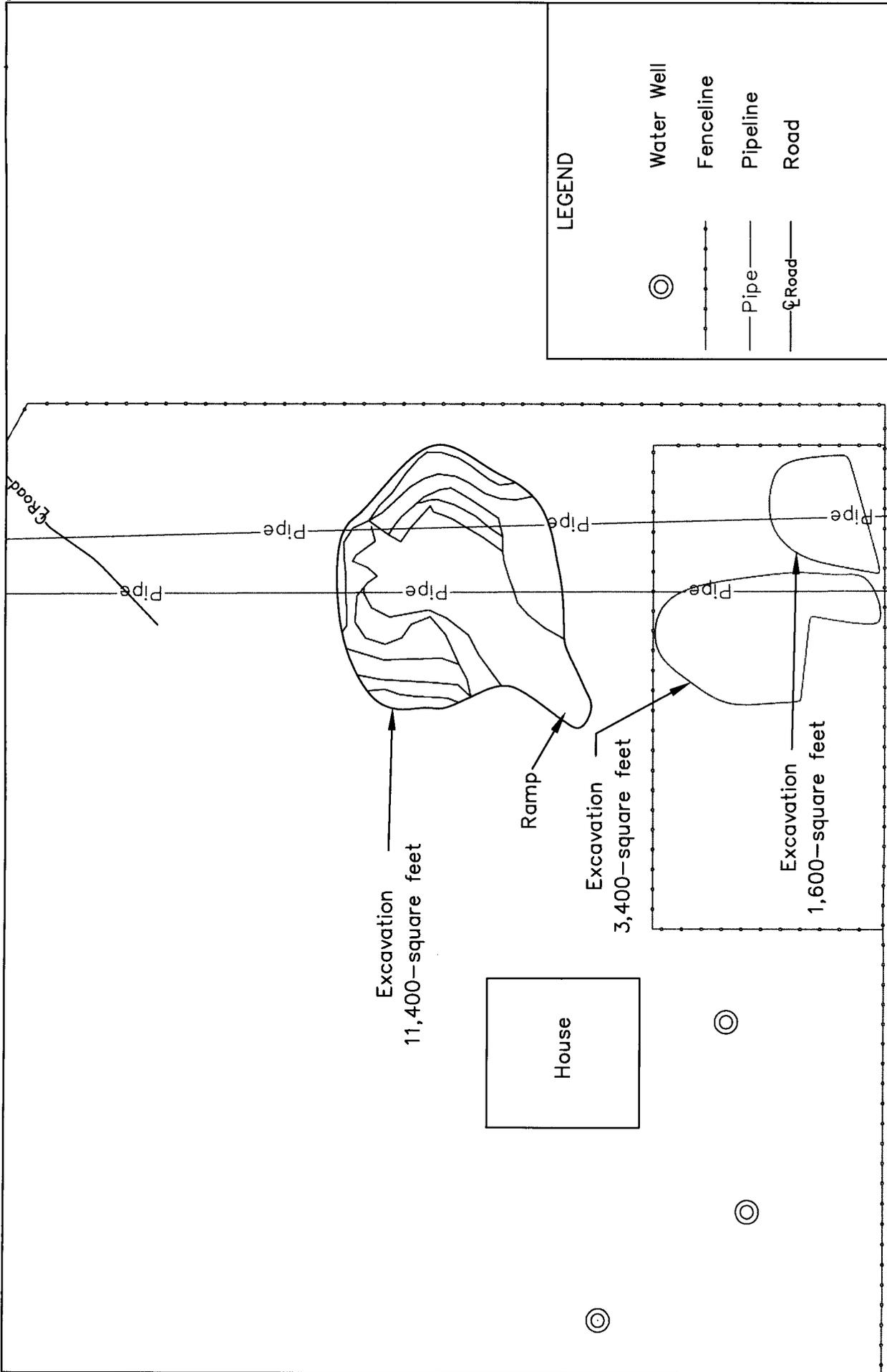
REVISED:
 DWG By: Daniel Dominguez
 October 2005



4000 SHEET
 1 of 1

Lea County, New Mexico
 NE 1/4 of the NE 1/4, Sec. 5, T20S, R37E
 N 32° 36' 33" W 103° 15' 56"
 Elevation: 3,560 feet amsl

Figure 2
 Site Location Map
 Plains All American Pipeline, L.P.
 Monument 6 Inch



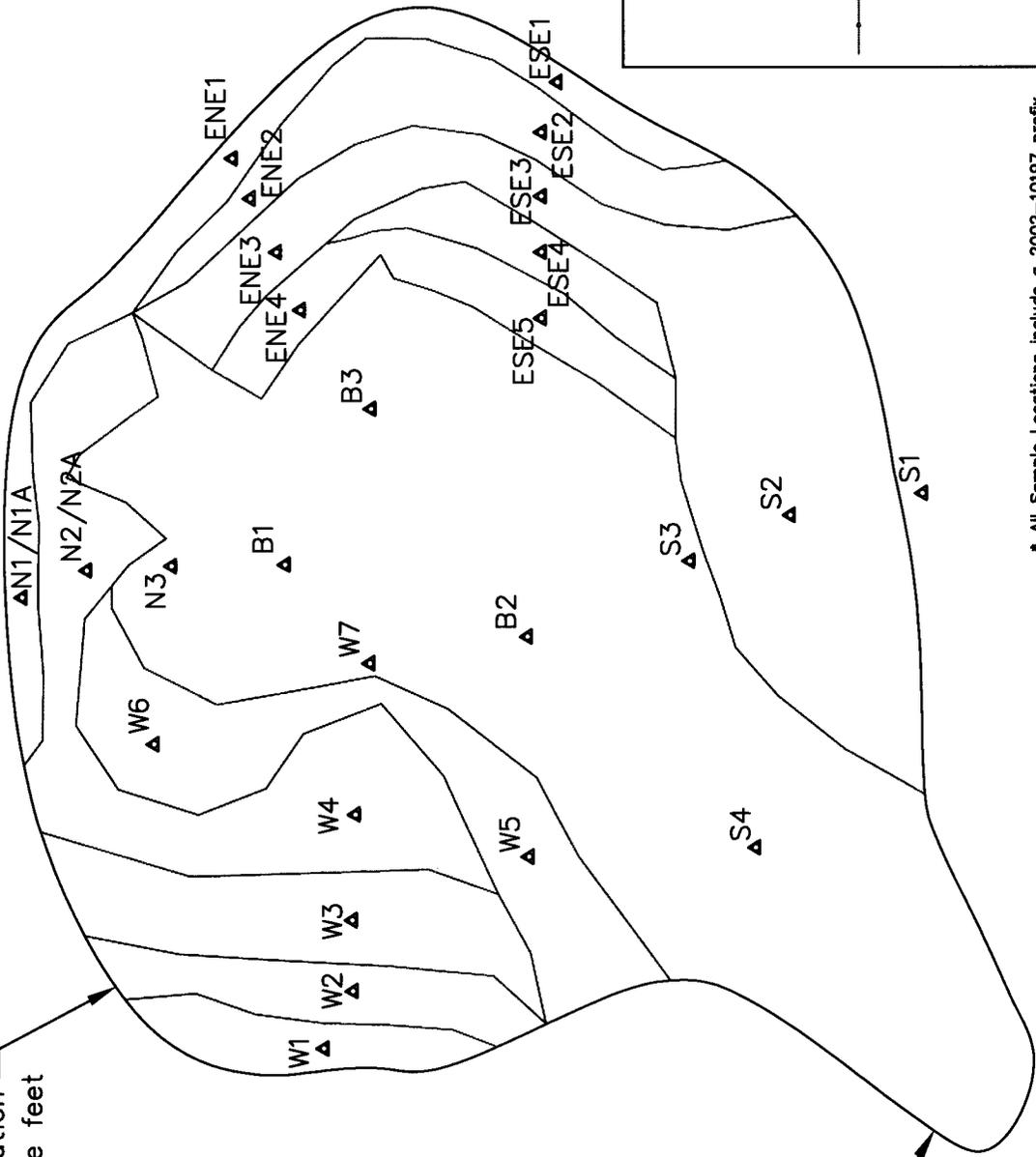
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DWG By: Daniel Dominguez
 October 2005

Lea County, New Mexico
 NE 1/4 of the NE 1/4, Sec. 5, T20S, R37E
 N 32° 36' 33" W 103° 15' 56"
 Elevation: 3,560 feet amsl

Figure 3
 Site Map
 Plains All American Pipeline, L.P.
 Monument 6 Inch

North Excavation
11,400—square feet



LEGEND

▲ AN1

Sample Sites

—•—•—•—•—

Fence

* All Sample Locations include a 2002-10197 prefix

Figure 4

North Excavation Map
Sample Location Map
Plains All American Pipeline, L.P.
Monument 6 Inch

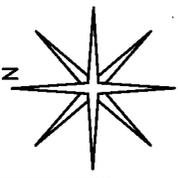
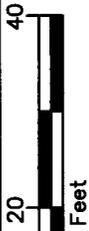
Lea County, New Mexico

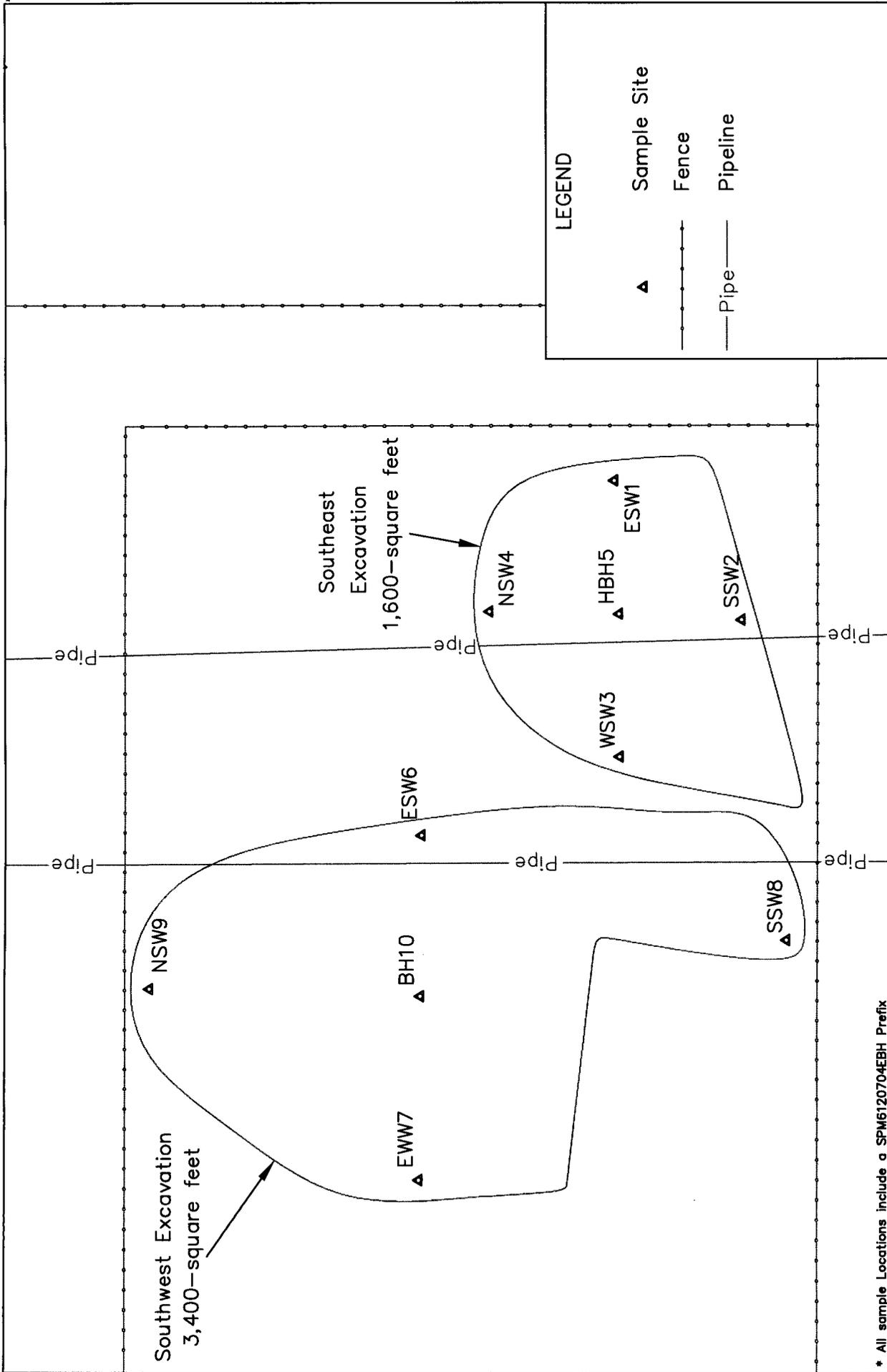
NE 1/4 of the NE 1/4, Sec. 5, T20S, R37E
N 32° 36' 33" W 103° 15' 56"
Elevation: 3,560 feet amsl

DWG By: Daniel Dominguez
October 2005

REVISED:

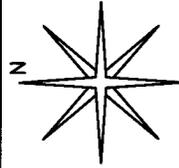
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1 of 1





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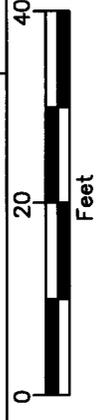
- ▲ Sample Site
- +— Fence
- Pipe



REVISED:

DWG By: Daniel Dominguez
October 2005

SHEET
1 of 1



Lea County, New Mexico
NE 1/4 of the NE 1/4, Sec. 5, T20S, R37E
N 32° 36' 33" W 103° 15' 56"
Elevation: 3,560 feet amsl

Figure 5
Southeastern and Southwestern
Sample Location Map
Plains All American Pipeline, L.P.
Monument 6 Inch

* All sample Locations include a SPM6120704EBH Prefix

TABLES

TABLE 1
Summary of North Excavation Soil Sample Laboratory Analytical Results
Plains All American-Monument 6-inch (Ref.# 2002-10197)

Sample Location	Depth (feet)	Soil Status	SAMPLE ID#	Sample Date	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	m/p Xylene (mg/Kg)	o-Xylene (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
North Sidewall	4	Excavated	2002-10197-N1	10-Jan-05	<0.0250	<0.0250	0.0283	0.0350	0.0272	0.0905	15.8	169	185
	4	In Situ	2002-10197-N1A	24-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	8	Excavated	2002-10197-N2	10-Jan-05	<0.0250	<0.0250	0.0124 ¹	0.0445	0.0131 ¹	0.0445	7.64 ¹	698	698
	8	In Situ	2002-10197-N2A	24-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	14	In Situ	2002-10197-N3	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
West Sidewall	4	In Situ	2002-10197-W1	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	8	In Situ	2002-10197-W2	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	12	In Situ	2002-10197-W3	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	16	In Situ	2002-10197-W4	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	20	In Situ	2002-10197-W5	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
East Northeast Sidewall	20	In Situ	2002-10197-W6	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	24	In Situ	2002-10197-W7	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	4	In Situ	2002-10197-ENE-1	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	8	In Situ	2002-10197-ENE-2	10-Jan-05	<0.0250	<0.0250	0.0236 ¹	0.262	0.0841	0.369	<10.0	<10.0	<10.0
	12	In Situ	2002-10197-ENE-3	10-Jan-05	<0.0250	<0.0250	<0.025	0.0469	0.0130 ¹	0.0599	<10.0	<10.0	<10.0
East Southeast Sidewall	16	In Situ	2002-10197-ENE-4	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	4	In Situ	2002-10197-ESE-1	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	8	In Situ	2002-10197-ESE-2	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	12	In Situ	2002-10197-ESE-3	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	23.3	23.3
	16	In Situ	2002-10197-ESE-4	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
South Sidewall	20	In Situ	2002-10197-ESE-5	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	Surface	In Situ	2002-10197-S-1	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	6	In Situ	2002-10197-S-2	10-Jan-05	<0.0250	<0.0250	0.0488	0.0220 ¹	0.0182 ¹	0.0890	<10.0	<10.0	<10.0
	15	In Situ	2002-10197-S-3	10-Jan-05	<0.0250	<0.0250	0.0169 ¹	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
	12	In Situ	2002-10197-S-4	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Northwest Bottom	24	In Situ	2002-10197-B-1	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	646	646
	24	In Situ	2002-10197-B-2	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	11.7	364	376
Southwest Bottom	24	In Situ	2002-10197-B-3	10-Jan-05	<0.0250	0.0627	1.930	1.0200	0.2540	3.2667	515	1440	1960
	26	In Situ	2002-10197-B-4	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	41.2	41.2
East Bottom	--	In Situ	2002-10197-EBFC	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	41.2	41.2
East Backfill	--	In Situ	2002-10197-EBFC	10-Jan-05	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	41.2	41.2
New Mexico Oil Conservation Division Remedial Goals					10.0					50.0			100

Bolded Values are in excess of NMOCED Remedial Thresholds

¹ = Estimated value, analyte detected below reporting limit

TABLE 2
Summary of Southeastern and Southwestern Excavation Soil Sample Laboratory Analytical Results
Plains All American-Monument 6-inch (Ref.# 2002-10197)

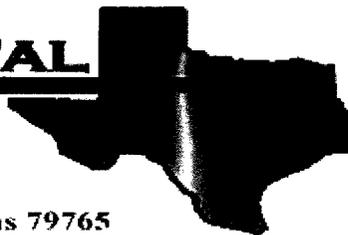
Sample Location (Excavation and Location)	Depth (feet)	Soil Status	SAMPLE ID#	Sample Date	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	m/p Xylene (mg/Kg)	o-Xylene (mg/Kg)	Total BTEX (mg/Kg)	TPH (as gasoline) (mg/Kg)	TPH (as diesel) (mg/Kg)	Total TPH (mg/Kg)
Southeast-East Sidewall	8	In Situ	SPM6120704EBHESW1	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southeast-South Sidewall	8	In Situ	SPM6120704EBHSSW2	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southeast-West Sidewall	8	In Situ	SPM6120704EBHWSW3	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southeast-North Sidewall	8	In Situ	SPM6120704EBHNSW4	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southeast-Floor	16	In Situ	SPM6120704EBHBH5	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southwest-East Sidewall	12	In Situ	SPM6120704EBHESW6	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southwest-West Sidewall	12	In Situ	SPM6120704EBHEWW7	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southeast-South Sidewall	12	In Situ	SPM6120704EBHSSW8	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southeast-North Sidewall	12	In Situ	SPM6120704EBHNSW9	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
Southwest-Floor	22	In Situ	SPM6120704EBHBH10	07-Dec-04	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<10.0	<10.0	<10.0
New Mexico Oil Conservation Division Remedial Goals					10.0					50.0			100

Bolded Values are in excess of NMOCD Remedial Thresholds

¹=Estimated value, analyte detected below reporting limit

ATTACHMENT I-
Soil Sample Laboratory Results and Chain-of-Custody
Form

E NVIRONMENTAL
LAB OF



12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Monument 6 inch

Project Number: 2002-10197

Location: None Given

Lab Order Number: 5A10012

Report Date: 01/17/05

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/17/05 17:50

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2002-10197-N1	5A10012-01	Soil	01/10/05 09:10	01/10/05 15:40
2002-10197-N2	5A10012-02	Soil	01/10/05 09:12	01/10/05 15:40
2002-10197-N3	5A10012-03	Soil	01/10/05 09:15	01/10/05 15:40
2002-10197-W1	5A10012-04	Soil	01/10/05 09:19	01/10/05 15:40
2002-10197-W2	5A10012-05	Soil	01/10/05 09:23	01/10/05 15:40
2002-10197-W3	5A10012-06	Soil	01/10/05 09:26	01/10/05 15:40
2002-10197-W4	5A10012-07	Soil	01/10/05 09:30	01/10/05 15:40
2002-10197-W5	5A10012-08	Soil	01/10/05 09:35	01/10/05 15:40
2002-10197-W6	5A10012-09	Soil	01/10/05 09:38	01/10/05 15:40
2002-10197-W7	5A10012-10	Soil	01/10/05 09:41	01/10/05 15:40
2002-10197ENE-1	5A10012-11	Soil	01/10/05 09:45	01/10/05 15:40
2002-10197ENE-2	5A10012-12	Soil	01/10/05 09:48	01/10/05 15:40
2002-10197ENE-3	5A10012-13	Soil	01/10/05 09:51	01/10/05 15:40
2002-10197ENE-4	5A10012-14	Soil	01/10/05 09:55	01/10/05 15:40
2002-10197ESE-1	5A10012-15	Soil	01/10/05 09:58	01/10/05 15:40
2002-10197ESE-2	5A10012-16	Soil	01/10/05 10:01	01/10/05 15:40
2002-10197ESE-3	5A10012-17	Soil	01/10/05 10:04	01/10/05 15:40
2002-10197ESE-4	5A10012-18	Soil	01/10/05 10:08	01/10/05 15:40
2002-10197ESE-5	5A10012-19	Soil	01/10/05 10:12	01/10/05 15:40
2002-10197-S-1	5A10012-20	Soil	01/10/05 10:15	01/10/05 15:40
2002-10197-S-2	5A10012-21	Soil	01/10/05 10:19	01/10/05 15:40
2002-10197-S-3	5A10012-22	Soil	01/10/05 10:22	01/10/05 15:40
2002-10197-S-4	5A10012-23	Soil	01/10/05 10:26	01/10/05 15:40
2002-10197-B-1	5A10012-24	Soil	01/10/05 10:30	01/10/05 15:40
2002-10197-B-2	5A10012-25	Soil	01/10/05 10:34	01/10/05 15:40
2002-10197-B-3	5A10012-26	Soil	01/10/05 10:37	01/10/05 15:40
2002-10197-EBFC	5A10012-27	Soil	01/10/05 10:40	01/10/05 15:40

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

Fax: (432) 687-4914

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-N1 (5A10012-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51310	01/12/05	01/12/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.0283	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.0350	0.0250	"	"	"	"	"	"	
Xylene (o)	0.0272	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		104 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	15.8	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	169	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	185	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		80.4 %		70-130	"	"	"	"	
Surrogate: 1-Chlorooctadecane		85.4 %		70-130	"	"	"	"	
2002-10197-N2 (5A10012-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51310	01/12/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	J [0.0124]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	0.0445	0.0250	"	"	"	"	"	"	
Xylene (o)	J [0.0131]	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		93.5 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		113 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	J [7.64]	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	J
Diesel Range Organics >C12-C35	698	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	698	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		95.4 %		70-130	"	"	"	"	
Surrogate: 1-Chlorooctadecane		93.4 %		70-130	"	"	"	"	
2002-10197-N3 (5A10012-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	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		95.2 %		80-120	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

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Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-N3 (5A10012-03) Soil									
<i>Surrogate: 1-Chlorooctane</i>		89.2 %		70-130	EA51108	01/11/05	01/14/05	EPA 8015M	
<i>Surrogate: 1-Chlorooctadecane</i>		94.4 %		70-130	"	"	"	"	
2002-10197-W1 (5A10012-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		95.1 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		112 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		113 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		116 %		70-130	"	"	"	"	
2002-10197-W2 (5A10012-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		100 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		117 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		115 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		119 %		70-130	"	"	"	"	

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-W3 (5A10012-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		106 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		115 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		91.6 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		107 %		70-130	"	"	"	"	
2002-10197-W4 (5A10012-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		104 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		112 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		96.0 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		110 %		70-130	"	"	"	"	
2002-10197-W5 (5A10012-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		82.0 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	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
2002-10197-W5 (5A10012-08) Soil									
Surrogate: 1-Chlorooctane		89.8 %	70-130		EA51108	01/11/05	01/14/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		97.2 %	70-130		"	"	"	"	
2002-10197-W6 (5A10012-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	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		109 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		95.8 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		98.2 %	70-130		"	"	"	"	
2002-10197-W7 (5A10012-10) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	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		111 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		119 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		96.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		99.8 %	70-130		"	"	"	"	

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Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197ENE-1 (5A10012-11) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		116 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		107 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		128 %	70-130		"	"	"	"	
2002-10197ENE-2 (5A10012-12) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	0.0785	0.0250	"	"	"	"	"	"	
Ethylbenzene	J [0.0236]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	0.262	0.0250	"	"	"	"	"	"	
Xylene (o)	0.0841	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		115 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		120 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		83.4 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		85.4 %	70-130		"	"	"	"	
2002-10197ENE-3 (5A10012-13) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	J [0.0212]	0.0250	"	"	"	"	"	"	J
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	0.0469	0.0250	"	"	"	"	"	"	
Xylene (o)	J [0.0130]	0.0250	"	"	"	"	"	"	J
<i>Surrogate: a,a,a-Trifluorotoluene</i>		114 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		116 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197ENE-3 (5A10012-13) Soil									
<i>Surrogate: 1-Chlorooctane</i>		73.6 %		70-130	EA51108	01/11/05	01/14/05	EPA 8015M	
<i>Surrogate: 1-Chlorooctadecane</i>		76.4 %		70-130	"	"	"	"	
2002-10197ENE-4 (5A10012-14) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		111 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		115 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		99.0 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		111 %		70-130	"	"	"	"	
2002-10197ESE-1 (5A10012-15) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		111 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		117 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		127 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		121 %		70-130	"	"	"	"	

Plains All American EH & S
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Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

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Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197ESE-2 (5A10012-16) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		112 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		113 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		102 %		70-130	"	"	"	"	
2002-10197ESE-3 (5A10012-17) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		98.3 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		105 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	23.3	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	23.3	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		123 %		70-130	"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		125 %		70-130	"	"	"	"	
2002-10197ESE-4 (5A10012-18) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		111 %		80-120	"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		117 %		80-120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

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Project: Monument 6 inch
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 Project Manager: Camille Reynolds

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197ESE-4 (5A10012-18) Soil									
Surrogate: 1-Chlorooctane		123 %	70-130		EA51108	01/11/05	01/15/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		104 %	70-130		"	"	"	"	
2002-10197ESE-5 (5A10012-19) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/13/05	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		108 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		112 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		93.6 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		100 %	70-130		"	"	"	"	
2002-10197-S-1 (5A10012-20) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/14/05	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		109 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		86.4 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		86.8 %	70-130		"	"	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-S-2 (5A10012-21) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	0.0488	0.0250	"	"	"	"	"	"	
Xylene (p/m)	J [0.0220]	0.0250	"	"	"	"	"	"	J
Xylene (o)	J [0.0182]	0.0250	"	"	"	"	"	"	J
Surrogate: a,a,a-Trifluorotoluene		114 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		115 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		110 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		119 %	70-130		"	"	"	"	
2002-10197-S-3 (5A10012-22) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51712	01/13/05	01/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	J [0.0169]	0.0250	"	"	"	"	"	"	J
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		104 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		109 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		103 %	70-130		"	"	"	"	
2002-10197-S-4 (5A10012-23) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51713	01/14/05	01/14/05	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		104 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		118 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	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
2002-10197-S-4 (5A10012-23) Soil									
Surrogate: 1-Chlorooctane		110 %	70-130		EA51108	01/11/05	01/15/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		112 %	70-130		"	"	"	"	
2002-10197-B-1 (5A10012-24) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51713	01/14/05	01/14/05	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		112 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	646	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	646	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		122 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		126 %	70-130		"	"	"	"	
2002-10197-B-2 (5A10012-25) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51713	01/14/05	01/14/05	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		112 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		107 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	11.7	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	364	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	376	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		95.0 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		102 %	70-130		"	"	"	"	

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Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

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Organics by GC
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-B-3 (5A10012-26) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51713	01/14/05	01/14/05	EPA 8021B	
Toluene	0.0627	0.0250	"	"	"	"	"	"	
Ethylbenzene	1.93	0.0250	"	"	"	"	"	"	
Xylene (p/m)	1.02	0.0250	"	"	"	"	"	"	
Xylene (o)	0.254	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		116 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		162 %	80-120		"	"	"	"	S-04
Gasoline Range Organics C6-C12	515	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	1440	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	1960	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		122 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		120 %	70-130		"	"	"	"	
2002-10197-EBFC (5A10012-27) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA51713	01/14/05	01/14/05	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		113 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		116 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51108	01/11/05	01/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	41.2	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	41.2	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		111 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		117 %	70-130		"	"	"	"	

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 Project Number: 2002-10197
 Project Manager: Camille Reynolds

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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
2002-10197-N1 (5A10012-01) Soil									
% Moisture	7.5		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-N2 (5A10012-02) Soil									
% Moisture	10.0		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-N3 (5A10012-03) Soil									
% Moisture	8.8		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W1 (5A10012-04) Soil									
% Moisture	7.4		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W2 (5A10012-05) Soil									
% Moisture	7.6		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W3 (5A10012-06) Soil									
% Moisture	5.8		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W4 (5A10012-07) Soil									
% Moisture	17.6		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W5 (5A10012-08) Soil									
% Moisture	12.6		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W6 (5A10012-09) Soil									
% Moisture	15.2		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-W7 (5A10012-10) Soil									
% Moisture	14.1		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ENE-1 (5A10012-11) Soil									
% Moisture	0.4		%	1	EA51113	01/11/05	01/12/05	% 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
2002-10197ENE-2 (5A10012-12) Soil									
% Moisture	10.7		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ENE-3 (5A10012-13) Soil									
% Moisture	12.4		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ENE-4 (5A10012-14) Soil									
% Moisture	10.3		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ESE-1 (5A10012-15) Soil									
% Moisture	4.5		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ESE-2 (5A10012-16) Soil									
% Moisture	5.9		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ESE-3 (5A10012-17) Soil									
% Moisture	11.0		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ESE-4 (5A10012-18) Soil									
% Moisture	11.6		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197ESE-5 (5A10012-19) Soil									
% Moisture	8.2		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-S-1 (5A10012-20) Soil									
% Moisture	6.6		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-S-2 (5A10012-21) Soil									
% Moisture	9.8		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-S-3 (5A10012-22) Soil									
% Moisture	11.7		%	1	EA51113	01/11/05	01/12/05	% calculation	

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General Chemistry Parameters by EPA / Standard Methods
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-S-4 (5A10012-23) Soil									
% Moisture	14.1		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-B-1 (5A10012-24) Soil									
% Moisture	5.5		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-B-2 (5A10012-25) Soil									
% Moisture	7.3		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-B-3 (5A10012-26) Soil									
% Moisture	13.8		%	1	EA51113	01/11/05	01/12/05	% calculation	
2002-10197-EBFC (5A10012-27) Soil									
% Moisture	7.2		%	1	EA51113	01/11/05	01/12/05	% 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 EA51108 - Solvent Extraction (GC)										
Blank (EA51108-BLK1) Prepared: 01/11/05 Analyzed: 01/14/05										
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	45.2		mg/kg	50.0		90.4	70-130			
Surrogate: 1-Chlorooctadecane	40.0		"	50.0		80.0	70-130			
Blank (EA51108-BLK2) Prepared: 01/11/05 Analyzed: 01/15/05										
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	44.6		"	50.0		89.2	70-130			
LCS (EA51108-BS1) Prepared: 01/11/05 Analyzed: 01/14/05										
Gasoline Range Organics C6-C12	476	10.0	mg/kg wet	500		95.2	75-125			
Diesel Range Organics >C12-C35	452	10.0	"	500		90.4	75-125			
Total Hydrocarbon C6-C35	928	10.0	"	1000		92.8	75-125			
Surrogate: 1-Chlorooctane	45.3		mg/kg	50.0		90.6	70-130			
Surrogate: 1-Chlorooctadecane	36.2		"	50.0		72.4	70-130			
LCS (EA51108-BS2) Prepared: 01/11/05 Analyzed: 01/15/05										
Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125			
Diesel Range Organics >C12-C35	507	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	952	10.0	"	1000		95.2	75-125			
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	44.6		"	50.0		89.2	70-130			
Calibration Check (EA51108-CCV1) Prepared: 01/11/05 Analyzed: 01/14/05										
Gasoline Range Organics C6-C12	454		mg/kg	500		90.8	80-120			
Diesel Range Organics >C12-C35	525		"	500		105	80-120			
Total Hydrocarbon C6-C35	979		"	1000		97.9	80-120			
Surrogate: 1-Chlorooctane	46.7		"	50.0		93.4	70-130			
Surrogate: 1-Chlorooctadecane	44.7		"	50.0		89.4	70-130			

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/17/05 17:50

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 EA51108 - Solvent Extraction (GC)										
Calibration Check (EA51108-CCV2)										
				Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	474		mg/kg	500		94.8	80-120			
Diesel Range Organics >C12-C35	488		"	500		97.6	80-120			
Total Hydrocarbon C6-C35	962		"	1000		96.2	80-120			
Surrogate: 1-Chlorooctane	52.8		"	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	46.0		"	50.0		92.0	70-130			
Matrix Spike (EA51108-MS1)										
				Source: 5A10012-13 Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	555	10.0	mg/kg dry	571	ND	97.2	75-125			
Diesel Range Organics >C12-C35	612	10.0	"	571	ND	107	75-125			
Total Hydrocarbon C6-C35	1170	10.0	"	1140	ND	103	75-125			
Surrogate: 1-Chlorooctane	50.6		mg/kg	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	49.8		"	50.0		99.6	70-130			
Matrix Spike (EA51108-MS2)										
				Source: 5A10012-21 Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	514	10.0	mg/kg dry	554	ND	92.8	75-125			
Diesel Range Organics >C12-C35	562	10.0	"	554	ND	101	75-125			
Total Hydrocarbon C6-C35	1080	10.0	"	1110	ND	97.3	75-125			
Surrogate: 1-Chlorooctane	58.6		mg/kg	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	63.0		"	50.0		126	70-130			
Matrix Spike Dup (EA51108-MSD1)										
				Source: 5A10012-13 Prepared: 01/11/05 Analyzed: 01/14/05						
Gasoline Range Organics C6-C12	526	10.0	mg/kg dry	571	ND	92.1	75-125	5.37	20	
Diesel Range Organics >C12-C35	614	10.0	"	571	ND	108	75-125	0.326	20	
Total Hydrocarbon C6-C35	1140	10.0	"	1140	ND	100	75-125	2.60	20	
Surrogate: 1-Chlorooctane	52.8		mg/kg	50.0		106	70-130			
Surrogate: 1-Chlorooctadecane	49.5		"	50.0		99.0	70-130			
Matrix Spike Dup (EA51108-MSD2)										
				Source: 5A10012-21 Prepared: 01/11/05 Analyzed: 01/15/05						
Gasoline Range Organics C6-C12	515	10.0	mg/kg dry	554	ND	93.0	75-125	0.194	20	
Diesel Range Organics >C12-C35	534	10.0	"	554	ND	96.4	75-125	5.11	20	
Total Hydrocarbon C6-C35	1050	10.0	"	1110	ND	94.6	75-125	2.82	20	
Surrogate: 1-Chlorooctane	48.1		mg/kg	50.0		96.2	70-130			
Surrogate: 1-Chlorooctadecane	45.5		"	50.0		91.0	70-130			

Environmental Lab of Texas

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/17/05 17:50

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD RPD	Limit	Limit	Notes
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Batch EA51310 - EPA 5030C (GC)

Blank (EA51310-BLK1)

Prepared & Analyzed: 01/12/05

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	107		ug/kg	100		107		80-120		
Surrogate: 4-Bromofluorobenzene	115		"	100		115		80-120		

LCS (EA51310-BS1)

Prepared & Analyzed: 01/12/05

Benzene	99.2		ug/kg	100		99.2		80-120		
Toluene	100		"	100		100		80-120		
Ethylbenzene	100		"	100		100		80-120		
Xylene (p/m)	218		"	200		109		80-120		
Xylene (o)	101		"	100		101		80-120		
Surrogate: a,a,a-Trifluorotoluene	116		"	100		116		80-120		
Surrogate: 4-Bromofluorobenzene	110		"	100		110		80-120		

Calibration Check (EA51310-CCV1)

Prepared: 01/12/05 Analyzed: 01/13/05

Benzene	106		ug/kg	100		106		80-120		
Toluene	101		"	100		101		80-120		
Ethylbenzene	89.6		"	100		89.6		80-120		
Xylene (p/m)	189		"	200		94.5		80-120		
Xylene (o)	86.4		"	100		86.4		80-120		
Surrogate: a,a,a-Trifluorotoluene	112		"	100		112		80-120		
Surrogate: 4-Bromofluorobenzene	103		"	100		103		80-120		

Matrix Spike (EA51310-MS1)

Source: 5A10012-02

Prepared: 01/12/05 Analyzed: 01/13/05

Benzene	2640		ug/kg	2500	ND	106		80-120		
Toluene	2590		"	2500	ND	104		80-120		
Ethylbenzene	2470		"	2500	11.2	98.4		80-120		
Xylene (p/m)	5270		"	5000	40.0	105		80-120		
Xylene (o)	2400		"	2500	11.8	95.5		80-120		
Surrogate: a,a,a-Trifluorotoluene	117		"	100		117		80-120		
Surrogate: 4-Bromofluorobenzene	105		"	100		105		80-120		

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/17/05 17:50

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EA51310 - EPA 5030C (GC)

Matrix Spike Dup (EA51310-MSD1)

Source: 5A10012-02

Prepared: 01/12/05 Analyzed: 01/13/05

Benzene	2570		ug/kg	2500	ND	103	80-120	2.87	20	
Toluene	2340		"	2500	ND	93.6	80-120	10.5	20	
Ethylbenzene	2260		"	2500	11.2	90.0	80-120	8.92	20	
Xylene (p/m)	4910		"	5000	40.0	97.4	80-120	7.51	20	
Xylene (o)	2410		"	2500	11.8	95.9	80-120	0.418	20	
Surrogate: a,a,a-Trifluorotoluene	103		"	100		103	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

Batch EA51712 - EPA 5030C (GC)

Blank (EA51712-BLK1)

Prepared & Analyzed: 01/13/05

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	94.1		ug/kg	100		94.1	80-120			
Surrogate: 4-Bromofluorobenzene	112		"	100		112	80-120			

LCS (EA51712-BS1)

Prepared & Analyzed: 01/13/05

Benzene	100		ug/kg	100		100	80-120			
Toluene	96.7		"	100		96.7	80-120			
Ethylbenzene	89.4		"	100		89.4	80-120			
Xylene (p/m)	192		"	200		96.0	80-120			
Xylene (o)	89.4		"	100		89.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	96.0		"	100		96.0	80-120			
Surrogate: 4-Bromofluorobenzene	115		"	100		115	80-120			

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/17/05 17:50

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	Limits	RPD	RPD Limit	Notes
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Batch EA51712 - EPA 5030C (GC)

Calibration Check (EA51712-CCV1)

Prepared: 01/13/05 Analyzed: 01/14/05

Benzene	107		ug/kg	100		107	80-120			
Toluene	104		"	100		104	80-120			
Ethylbenzene	97.7		"	100		97.7	80-120			
Xylene (p/m)	212		"	200		106	80-120			
Xylene (o)	98.8		"	100		98.8	80-120			
Surrogate: a,a,a-Trifluorotoluene	118		"	100		118	80-120			
Surrogate: 4-Bromofluorobenzene	120		"	100		120	80-120			

Matrix Spike (EA51712-MS1)

Source: 5A10012-22

Prepared: 01/13/05 Analyzed: 01/14/05

Benzene	2730		ug/kg	2500	ND	109	80-120			
Toluene	2750		"	2500	ND	110	80-120			
Ethylbenzene	2730		"	2500	14.9	109	80-120			
Xylene (p/m)	5870		"	5000	ND	117	80-120			
Xylene (o)	2800		"	2500	ND	112	80-120			
Surrogate: a,a,a-Trifluorotoluene	116		"	100		116	80-120			
Surrogate: 4-Bromofluorobenzene	116		"	100		116	80-120			

Matrix Spike Dup (EA51712-MSD1)

Source: 5A10012-22

Prepared: 01/13/05 Analyzed: 01/14/05

Benzene	2750		ug/kg	2500	ND	110	80-120	0.913	20	
Toluene	2730		"	2500	ND	109	80-120	0.913	20	
Ethylbenzene	2670		"	2500	14.9	106	80-120	2.79	20	
Xylene (p/m)	5820		"	5000	ND	116	80-120	0.858	20	
Xylene (o)	2690		"	2500	ND	108	80-120	3.64	20	
Surrogate: a,a,a-Trifluorotoluene	112		"	100		112	80-120			
Surrogate: 4-Bromofluorobenzene	119		"	100		119	80-120			

Batch EA51713 - EPA 5030C (GC)

Blank (EA51713-BLK1)

Prepared & Analyzed: 01/14/05

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	116		ug/kg	100		116	80-120			
Surrogate: 4-Bromofluorobenzene	114		"	100		114	80-120			

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/17/05 17:50

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 EA51713 - EPA 5030C (GC)

LCS (EA51713-BS1)

Prepared & Analyzed: 01/14/05

Benzene	107		ug/kg	100		107	80-120			
Toluene	106		"	100		106	80-120			
Ethylbenzene	101		"	100		101	80-120			
Xylene (p/m)	219		"	200		110	80-120			
Xylene (o)	99.4		"	100		99.4	80-120			
Surrogate: a,a,a-Trifluorotoluene	114		"	100		114	80-120			
Surrogate: 4-Bromofluorobenzene	116		"	100		116	80-120			

Calibration Check (EA51713-CCV1)

Prepared & Analyzed: 01/14/05

Benzene	109		ug/kg	100		109	80-120			
Toluene	104		"	100		104	80-120			
Ethylbenzene	92.5		"	100		92.5	80-120			
Xylene (p/m)	197		"	200		98.5	80-120			
Xylene (o)	91.9		"	100		91.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	113		"	100		113	80-120			
Surrogate: 4-Bromofluorobenzene	108		"	100		108	80-120			

Matrix Spike (EA51713-MS1)

Source: 5A14005-01

Prepared & Analyzed: 01/14/05

Benzene	105		ug/kg	100	ND	105	80-120			
Toluene	104		"	100	ND	104	80-120			
Ethylbenzene	98.9		"	100	ND	98.9	80-120			
Xylene (p/m)	216		"	200	ND	108	80-120			
Xylene (o)	98.0		"	100	ND	98.0	80-120			
Surrogate: a,a,a-Trifluorotoluene	114		"	100		114	80-120			
Surrogate: 4-Bromofluorobenzene	117		"	100		117	80-120			

Matrix Spike Dup (EA51713-MSD1)

Source: 5A14005-01

Prepared & Analyzed: 01/14/05

Benzene	107		ug/kg	100	ND	107	80-120	1.89	20	
Toluene	106		"	100	ND	106	80-120	1.90	20	
Ethylbenzene	101		"	100	ND	101	80-120	2.10	20	
Xylene (p/m)	222		"	200	ND	111	80-120	2.74	20	
Xylene (o)	101		"	100	ND	101	80-120	3.02	20	
Surrogate: a,a,a-Trifluorotoluene	119		"	100		119	80-120			
Surrogate: 4-Bromofluorobenzene	118		"	100		118	80-120			

Environmental Lab of Texas

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/17/05 17:50

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EA51113 - General Preparation (Prep)

Blank (EA51113-BLK1)

Prepared: 01/11/05 Analyzed: 01/17/05

% Moisture 0.0 %

Duplicate (EA51113-DUP1)

Source: 5A10006-01

Prepared: 01/11/05 Analyzed: 01/17/05

% Moisture 6.9 % 5.9 15.6 20

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/17/05 17:50

Notes and Definitions

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

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Report Approved By: _____

Raland K Tuttle

Date: 1/17/2005

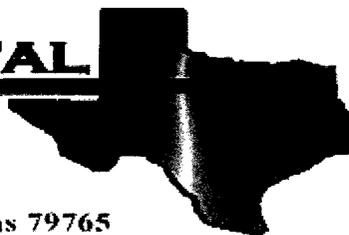
Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

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

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12600 West I-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Monument 6 inch

Project Number: 2002-10197

Location: Monument, NM Davis Property

Lab Order Number: 5A24008

Report Date: 01/25/05

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/25/05 15:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
2002-10197-N1A	5A24008-01	Soil	01/24/05 09:45	01/24/05 16:05
2002-10197-N2A	5A24008-02	Soil	01/24/05 09:50	01/24/05 16:05

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/25/05 15:09

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-N1A (5A24008-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA52507	01/24/05	01/25/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		91.4 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.6 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52411	01/24/05	01/24/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		87.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		86.8 %	70-130		"	"	"	"	
2002-10197-N2A (5A24008-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EA52507	01/24/05	01/25/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		93.3 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		103 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52411	01/24/05	01/24/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		98.8 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		96.4 %	70-130		"	"	"	"	

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/25/05 15:09

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2002-10197-N1A (5A24008-01) Soil									
% Moisture	6.1		%	1	EA52505	01/24/05	01/25/05	% calculation	
2002-10197-N2A (5A24008-02) Soil									
% Moisture	31.4		%	1	EA52505	01/24/05	01/25/05	% calculation	

Plains All American EH & S
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Reported:
 01/25/05 15:09

**Organics by GC - Quality Control
 Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EA52411 - Solvent Extraction (GC)

Blank (EA52411-BLK1)

Prepared & Analyzed: 01/24/05

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	36.3		mg/kg	50.0		72.6	70-130			
Surrogate: 1-Chlorooctadecane	39.0		"	50.0		78.0	70-130			

LCS (EA52411-BS1)

Prepared & Analyzed: 01/24/05

Gasoline Range Organics C6-C12	458	10.0	mg/kg wet	500		91.6	75-125			
Diesel Range Organics >C12-C35	503	10.0	"	500		101	75-125			
Total Hydrocarbon C6-C35	961	10.0	"	1000		96.1	75-125			
Surrogate: 1-Chlorooctane	52.7		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	40.8		"	50.0		81.6	70-130			

LCS Dup (EA52411-BS1)

Prepared & Analyzed: 01/24/05

Gasoline Range Organics C6-C12	447	10.0	mg/kg wet	500		89.4	75-125	2.43	20	
Diesel Range Organics >C12-C35	515	10.0	"	500		103	75-125	2.36	20	
Total Hydrocarbon C6-C35	962	10.0	"	1000		96.2	75-125	0.104	20	
Surrogate: 1-Chlorooctane	49.9		mg/kg	50.0		99.8	70-130			
Surrogate: 1-Chlorooctadecane	42.9		"	50.0		85.8	70-130			

Calibration Check (EA52411-CCV1)

Prepared & Analyzed: 01/24/05

Gasoline Range Organics C6-C12	505		mg/kg	500		101	80-120			
Diesel Range Organics >C12-C35	478		"	500		95.6	80-120			
Total Hydrocarbon C6-C35	983		"	1000		98.3	80-120			
Surrogate: 1-Chlorooctane	57.1		"	50.0		114	70-130			
Surrogate: 1-Chlorooctadecane	59.3		"	50.0		119	70-130			

Plains All American EH & S
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Reported:
 01/25/05 15:09

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EA52507 - EPA 5030C (GC)

Blank (EA52507-BLK1)

Prepared: 01/24/05 Analyzed: 01/25/05

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	80.4		ug/kg	100		80.4	80-120			
Surrogate: 4-Bromofluorobenzene	80.5		"	100		80.5	80-120			

LCS (EA52507-BS1)

Prepared: 01/24/05 Analyzed: 01/25/05

Benzene	89.9		ug/kg	100		89.9	80-120			
Toluene	86.8		"	100		86.8	80-120			
Ethylbenzene	95.6		"	100		95.6	80-120			
Xylene (p/m)	216		"	200		108	80-120			
Xylene (o)	110		"	100		110	80-120			
Surrogate: a,a,a-Trifluorotoluene	115		"	100		115	80-120			
Surrogate: 4-Bromofluorobenzene	112		"	100		112	80-120			

Calibration Check (EA52507-CCV1)

Prepared: 01/24/05 Analyzed: 01/25/05

Benzene	86.4		ug/kg	100		86.4	80-120			
Toluene	82.5		"	100		82.5	80-120			
Ethylbenzene	90.8		"	100		90.8	80-120			
Xylene (p/m)	204		"	200		102	80-120			
Xylene (o)	107		"	100		107	80-120			
Surrogate: a,a,a-Trifluorotoluene	119		"	100		119	80-120			
Surrogate: 4-Bromofluorobenzene	105		"	100		105	80-120			

Matrix Spike (EA52507-MS1)

Source: 5A24008-02

Prepared: 01/24/05 Analyzed: 01/25/05

Benzene	84.1		ug/kg	100	ND	84.1	80-120			
Toluene	82.9		"	100	ND	82.9	80-120			
Ethylbenzene	96.2		"	100	ND	96.2	80-120			
Xylene (p/m)	219		"	200	ND	110	80-120			
Xylene (o)	115		"	100	ND	115	80-120			
Surrogate: a,a,a-Trifluorotoluene	104		"	100		104	80-120			
Surrogate: 4-Bromofluorobenzene	114		"	100		114	80-120			

Environmental Lab of Texas

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Page 5 of 8

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

Project: Monument 6 inch
 Project Number: 2002-10197
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 01/25/05 15:09

**Organics by GC - Quality Control
 Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EA52507 - EPA 5030C (GC)

Matrix Spike Dup (EA52507-MSD1)

Source: 5A24008-02

Prepared: 01/24/05 Analyzed: 01/25/05

Benzene	84.0		ug/kg	100	ND	84.0	80-120	0.119	20	
Toluene	83.5		"	100	ND	83.5	80-120	0.721	20	
Ethylbenzene	96.4		"	100	ND	96.4	80-120	0.208	20	
Xylene (p/m)	220		"	200	ND	110	80-120	0.00	20	
Xylene (o)	115		"	100	ND	115	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	114		"	100		114	80-120			
Surrogate: 4-Bromofluorobenzene	113		"	100		113	80-120			

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

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Fax: (432) 687-4914

Reported:
01/25/05 15:09

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EA52505 - General Preparation (Prep)

Blank (EA52505-BLK1)

Prepared: 01/24/05 Analyzed: 01/25/05

% Moisture 0.003 %

Duplicate (EA52505-DUP1)

Source: 5A21011-01

Prepared: 01/24/05 Analyzed: 01/25/05

% Moisture 7.7 % 7.0 9.52 20

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

Project: Monument 6 inch
Project Number: 2002-10197
Project Manager: Camille Reynolds

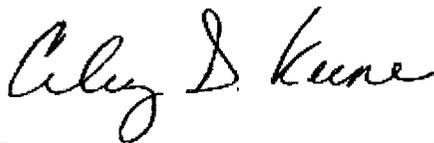
Fax: (432) 687-4914

Reported:
01/25/05 15:09

Notes and Definitions

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

Report Approved By: _____



Date: 1/25/2005

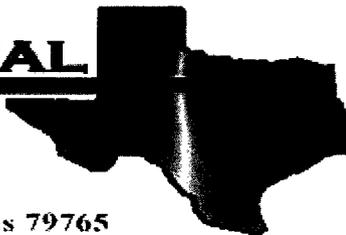
Raland K. Tuttle, Lab Manager
Celey D. Keene, Lab Director, Org. Tech Director
Peggy Allen, QA Officer

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

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12600 West 1-20 East - Odessa, Texas 79765

Analytical Report

Prepared for:

Camille Reynolds

Plains All American EH & S

1301 S. County Road 1150

Midland, TX 79706-4476

Project: Monument 6 inch

Project Number: 2002-10194

Location: None Given

Lab Order Number: 4L08007

Report Date: 12/09/04

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

Project: Monument 6 inch
Project Number: 2002-10194
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
12/09/04 16:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SPM6120704EBHESW1	4L08007-01	Soil	12/07/04 14:00	12/08/04 16:10
SPM6120704EBHSSW2	4L08007-02	Soil	12/07/04 14:10	12/08/04 16:10
SPM6120704EBHWSW3	4L08007-03	Soil	12/07/04 14:20	12/08/04 16:10
SPM6120704EBHNSW4	4L08007-04	Soil	12/07/04 14:30	12/08/04 16:10
SPM6120704EBHBH5	4L08007-05	Soil	12/07/04 14:40	12/08/04 16:10
SPM6120704WBHESW6	4L08007-06	Soil	12/07/04 14:50	12/08/04 16:10
SPM6120704WBHSWSW7	4L08007-07	Soil	12/07/04 15:00	12/08/04 16:10
SPM6120704WBHWSW8	4L08007-08	Soil	12/07/04 15:10	12/08/04 16:10
SPM6120704WBHNSW9	4L08007-09	Soil	12/07/04 15:20	12/08/04 16:10
SPM6120704WBHBH10	4L08007-10	Soil	12/07/04 15:30	12/08/04 16:10

Plains All American EH & S
 1301 S. County Road 1150
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Project: Monument 6 inch
 Project Number: 2002-10194
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 12/09/04 16:07

**Organics by GC
 Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SPM6120704EBHESW1 (4L08007-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		105 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		93.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/08/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		112 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		126 %	70-130		"	"	"	"	
SPM6120704EBHSSW2 (4L08007-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		103 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		96.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/08/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		102 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		111 %	70-130		"	"	"	"	
SPM6120704EBHWSW3 (4L08007-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/09/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		108 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.4 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/08/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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

Project: Monument 6 inch
 Project Number: 2002-10194
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 12/09/04 16:07

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SPM6120704EBHWSW3 (4L08007-03) Soil									
Surrogate: 1-Chlorooctane		100 %	70-130		EL40801	12/08/04	12/08/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		111 %	70-130		"	"	"	"	
SPM6120704EBHNSW4 (4L08007-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/09/04	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		97.3 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		107 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		117 %	70-130		"	"	"	"	
SPM6120704EBHBH5 (4L08007-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
Surrogate: a,a,a-Trifluorotoluene		105 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.0 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		113 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		121 %	70-130		"	"	"	"	

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Project: Monument 6 inch
 Project Number: 2002-10194
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 12/09/04 16:07

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SPM6120704WBHESW6 (4L08007-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		97.5 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		104 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		114 %	70-130		"	"	"	"	
SPM6120704WBHSWSW7 (4L08007-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		114 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		101 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
<i>Surrogate: 1-Chlorooctane</i>		108 %	70-130		"	"	"	"	
<i>Surrogate: 1-Chlorooctadecane</i>		119 %	70-130		"	"	"	"	
SPM6120704WBHWSW8 (4L08007-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"	"	
Ethylbenzene	ND	0.0250	"	"	"	"	"	"	
Xylene (p/m)	ND	0.0250	"	"	"	"	"	"	
Xylene (o)	ND	0.0250	"	"	"	"	"	"	
<i>Surrogate: a,a,a-Trifluorotoluene</i>		110 %	80-120		"	"	"	"	
<i>Surrogate: 4-Bromofluorobenzene</i>		100 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	

Environmental Lab of Texas

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

Project: Monument 6 inch
 Project Number: 2002-10194
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 12/09/04 16:07

Organics by GC
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SPM6120704WBHWSW8 (4L08007-08) Soil									
Surrogate: 1-Chlorooctane		113 %	70-130		EL40801	12/08/04	12/09/04	EPA 8015M	
Surrogate: 1-Chlorooctadecane		123 %	70-130		"	"	"	"	
SPM6120704WBHNSW9 (4L08007-09) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/08/04	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		109 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		98.3 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		107 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		116 %	70-130		"	"	"	"	
SPM6120704WBHBH10 (4L08007-10) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EL40914	12/08/04	12/09/04	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		113 %	80-120		"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.3 %	80-120		"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	"	1	EL40801	12/08/04	12/09/04	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	"	"	"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	"	"	"	"	"	
Surrogate: 1-Chlorooctane		102 %	70-130		"	"	"	"	
Surrogate: 1-Chlorooctadecane		111 %	70-130		"	"	"	"	

Plains All American EH & S
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Reported:
12/09/04 16:07

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SPM6120704EBHESW1 (4L08007-01) Soil									
% Moisture	12.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704EBHSSW2 (4L08007-02) Soil									
% Moisture	11.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704EBHWSW3 (4L08007-03) Soil									
% Moisture	13.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704EBHNSW4 (4L08007-04) Soil									
% Moisture	11.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704EBHBH5 (4L08007-05) Soil									
% Moisture	18.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704WBHESW6 (4L08007-06) Soil									
% Moisture	15.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704WBHSWSW7 (4L08007-07) Soil									
% Moisture	12.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704WBHWSW8 (4L08007-08) Soil									
% Moisture	14.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704WBHNSW9 (4L08007-09) Soil									
% Moisture	14.0		%	1	EL40909	12/08/04	12/09/04	% calculation	
SPM6120704WBHBH10 (4L08007-10) Soil									
% Moisture	13.0		%	1	EL40909	12/08/04	12/09/04	% calculation	

Environmental Lab of Texas

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

Project: Monument 6 inch
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 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 12/09/04 16:07

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL40801 - Solvent Extraction (GC)

Blank (EL40801-BLK1) Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	40.5		"	50.0		81.0	70-130			
Surrogate: 1-Chlorooctadecane	43.8		"	50.0		87.6	70-130			

Blank (EL40801-BLK2) Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	"							
Total Hydrocarbon C6-C35	ND	10.0	"							
Surrogate: 1-Chlorooctane	35.5		"	50.0		71.0	70-130			
Surrogate: 1-Chlorooctadecane	38.5		"	50.0		77.0	70-130			

LCS (EL40801-BS1) Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	454	10.0	mg/kg wet	500		90.8	75-125			
Diesel Range Organics >C12-C35	485	10.0	"	500		97.0	75-125			
Total Hydrocarbon C6-C35	939	10.0	"	1000		93.9	75-125			
Surrogate: 1-Chlorooctane	47.7		"	50.0		95.4	70-130			
Surrogate: 1-Chlorooctadecane	46.9		"	50.0		93.8	70-130			

LCS (EL40801-BS2) Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	449	10.0	mg/kg wet	500		89.8	75-125			
Diesel Range Organics >C12-C35	479	10.0	"	500		95.8	75-125			
Total Hydrocarbon C6-C35	928	10.0	"	1000		92.8	75-125			
Surrogate: 1-Chlorooctane	50.4		"	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	51.6		"	50.0		103	70-130			

Calibration Check (EL40801-CCV1) Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	456		mg/kg	500		91.2	80-120			
Diesel Range Organics >C12-C35	478		"	500		95.6	80-120			
Total Hydrocarbon C6-C35	934		"	1000		93.4	80-120			
Surrogate: 1-Chlorooctane	56.4		mg/kg wet	50.0		113	70-130			
Surrogate: 1-Chlorooctadecane	56.0		"	50.0		112	70-130			

Plains All American EH & S
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Reported:
 12/09/04 16:07

Organics by GC - Quality Control
Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch EL40801 - Solvent Extraction (GC)

Calibration Check (EL40801-CCV2)

Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	471		mg/kg	500		94.2	80-120			
Diesel Range Organics >C12-C35	555		"	500		111	80-120			
Total Hydrocarbon C6-C35	1030		"	1000		103	80-120			
Surrogate: 1-Chlorooctane	55.3		mg/kg wet	50.0		111	70-130			
Surrogate: 1-Chlorooctadecane	57.4		"	50.0		115	70-130			

Matrix Spike (EL40801-MS1)

Source: 4L07011-01

Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	571	10.0	mg/kg dry	556	ND	103	75-125			
Diesel Range Organics >C12-C35	613	10.0	"	556	ND	110	75-125			
Total Hydrocarbon C6-C35	1180	10.0	"	1110	ND	106	75-125			
Surrogate: 1-Chlorooctane	63.7		"	55.6		115	70-130			
Surrogate: 1-Chlorooctadecane	59.7		"	55.6		107	70-130			

Matrix Spike (EL40801-MS2)

Source: 4L08007-01

Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	639	10.0	mg/kg dry	568	ND	112	75-125			
Diesel Range Organics >C12-C35	646	10.0	"	568	ND	114	75-125			
Total Hydrocarbon C6-C35	1290	10.0	"	1140	ND	113	75-125			
Surrogate: 1-Chlorooctane	67.6		"	56.8		119	70-130			
Surrogate: 1-Chlorooctadecane	62.8		"	56.8		111	70-130			

Matrix Spike Dup (EL40801-MSD1)

Source: 4L07011-01

Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	566	10.0	mg/kg dry	556	ND	102	75-125	0.880	20	
Diesel Range Organics >C12-C35	618	10.0	"	556	ND	111	75-125	0.812	20	
Total Hydrocarbon C6-C35	1180	10.0	"	1110	ND	106	75-125	0.00	20	
Surrogate: 1-Chlorooctane	65.3		"	55.6		117	70-130			
Surrogate: 1-Chlorooctadecane	60.9		"	55.6		110	70-130			

Matrix Spike Dup (EL40801-MSD2)

Source: 4L08007-01

Prepared & Analyzed: 12/08/04

Gasoline Range Organics C6-C12	647	10.0	mg/kg dry	568	ND	114	75-125	1.24	20	
Diesel Range Organics >C12-C35	654	10.0	"	568	ND	115	75-125	1.23	20	
Total Hydrocarbon C6-C35	1300	10.0	"	1140	ND	114	75-125	0.772	20	
Surrogate: 1-Chlorooctane	68.4		"	56.8		120	70-130			
Surrogate: 1-Chlorooctadecane	64.1		"	56.8		113	70-130			

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Plains All American EH & S
 1301 S. County Road 1150
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Project: Monument 6 inch
 Project Number: 2002-10194
 Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
 12/09/04 16:07

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 EL40914 - EPA 5030C (GC)

Blank (EL40914-BLK1)

Prepared & Analyzed: 12/08/04

Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	"							
Xylene (o)	ND	0.0250	"							
Surrogate: a,a,a-Trifluorotoluene	0.110		"	0.100		110	80-120			
Surrogate: 4-Bromofluorobenzene	0.0971		"	0.100		97.1	80-120			

LCS (EL40914-BS1)

Prepared & Analyzed: 12/08/04

Benzene	91.3		ug/kg	100		91.3	80-120			
Toluene	92.2		"	100		92.2	80-120			
Ethylbenzene	102		"	100		102	80-120			
Xylene (p/m)	232		"	200		116	80-120			
Xylene (o)	115		"	100		115	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.116		mg/kg wet	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.100		116	80-120			

Calibration Check (EL40914-CCV1)

Prepared: 12/08/04 Analyzed: 12/09/04

Benzene	93.5		ug/kg	100		93.5	80-120			
Toluene	95.5		"	100		95.5	80-120			
Ethylbenzene	96.9		"	100		96.9	80-120			
Xylene (p/m)	218		"	200		109	80-120			
Xylene (o)	110		"	100		110	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.118		mg/kg wet	0.100		118	80-120			
Surrogate: 4-Bromofluorobenzene	0.106		"	0.100		106	80-120			

Matrix Spike (EL40914-MS1)

Source: 4L08007-04

Prepared: 12/08/04 Analyzed: 12/09/04

Benzene	88.3		ug/kg	100	ND	88.3	80-120			
Toluene	89.3		"	100	ND	89.3	80-120			
Ethylbenzene	96.5		"	100	ND	96.5	80-120			
Xylene (p/m)	216		"	200	ND	108	80-120			
Xylene (o)	105		"	100	ND	105	80-120			
Surrogate: a,a,a-Trifluorotoluene	0.131		mg/kg dry	0.112		117	80-120			
Surrogate: 4-Bromofluorobenzene	0.116		"	0.112		104	80-120			

Plains All American EH & S
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Reported:
 12/09/04 16:07

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 EL40914 - EPA 5030C (GC)

Matrix Spike Dup (EL40914-MSD1)	Source: 4L08007-04			Prepared: 12/08/04		Analyzed: 12/09/04				
Benzene	94.9		ug/kg	100	ND	94.9	80-120	7.21	20	
Toluene	97.3		"	100	ND	97.3	80-120	8.57	20	
Ethylbenzene	106		"	100	ND	106	80-120	9.38	20	
Xylene (p/m)	235		"	200	ND	118	80-120	8.85	20	
Xylene (o)	117		"	100	ND	117	80-120	10.8	20	
Surrogate: a,a,a-Trifluorotoluene	0.134		mg/kg dry	0.112		120	80-120			
Surrogate: 4-Bromofluorobenzene	0.134		"	0.112		120	80-120			

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12/09/04 16:07

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 EL40909 - General Preparation (Prep)										
Blank (EL40909-BLK1) Prepared: 12/08/04 Analyzed: 12/09/04										
% Moisture	0.0		%							
Duplicate (EL40909-DUP1) Source: 4L07011-01 Prepared: 12/08/04 Analyzed: 12/09/04										
% Moisture	10.0		%		10.0			0.00	20	

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Reported:
12/09/04 16:07

Notes and Definitions

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

Report Approved By: _____

Raland K Tuttle

Date: 12/9/2004

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

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

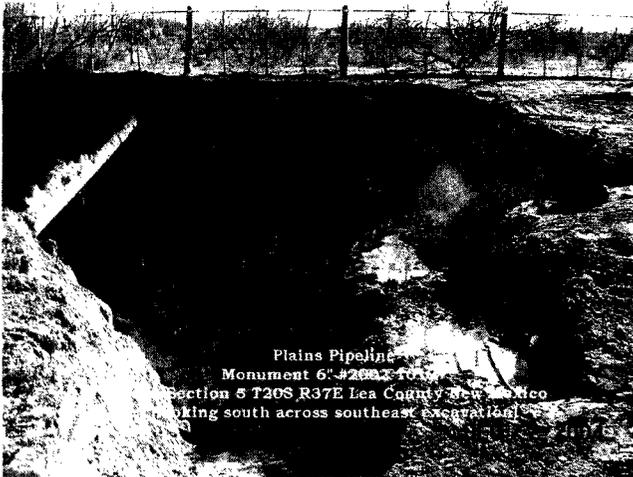
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If you have received this material in error, please notify us immediately at 432-563-1800.

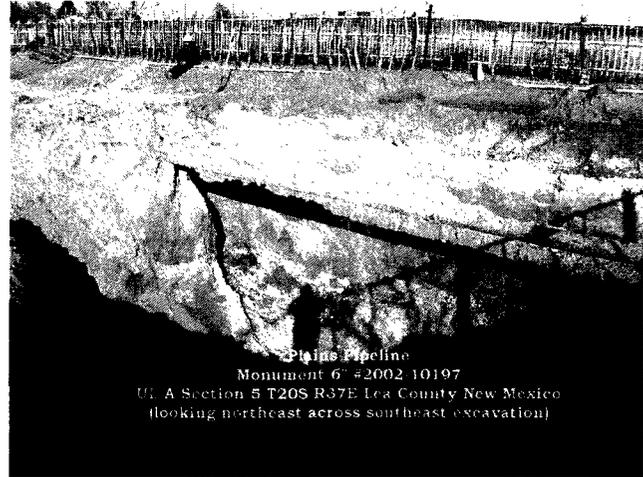
Environmental Lab of Texas

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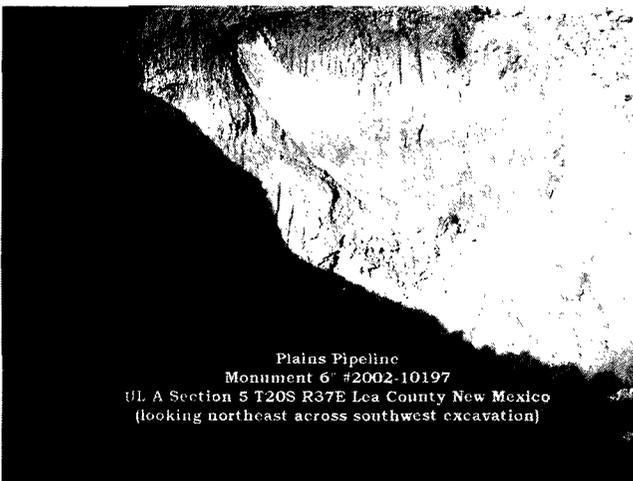
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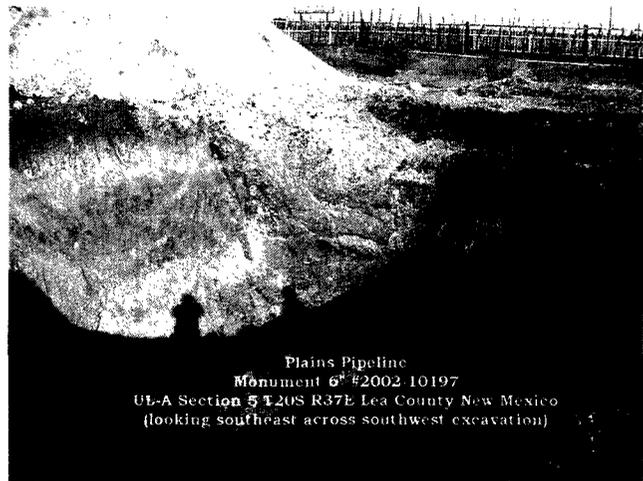
Photograph #1- Excavation activities at southeast excavation, looking south.



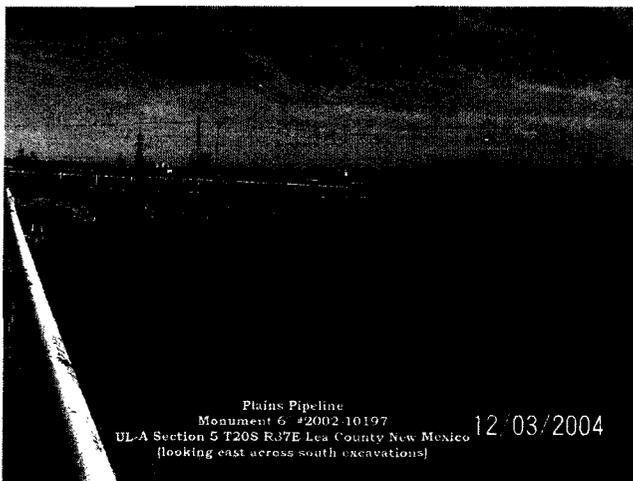
Photograph #2- Excavation activities at southeast excavation, looking northeasterly.



Photograph #3- Excavation activities at southwest excavation, looking northeast.



Photograph #4- Excavation activities at southwest excavation, looking southeast.



Photograph #5- Looking east across southern excavations.



Photograph #6- Looking southerly at southern excavations after backfilling.



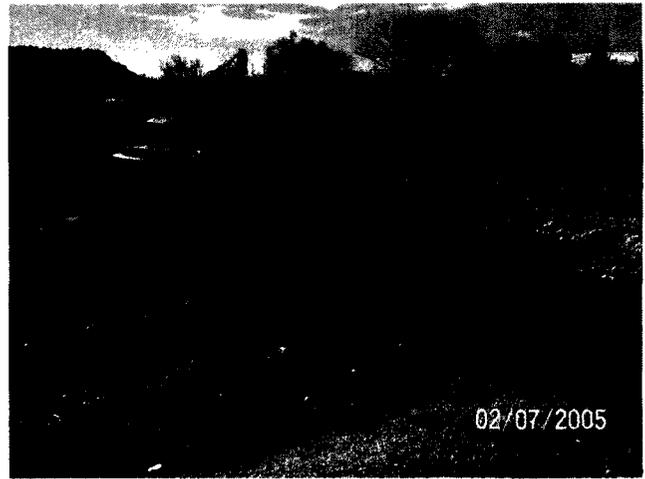
Photograph #7- Looking down on north excavation after placement of sand cushion for liner.



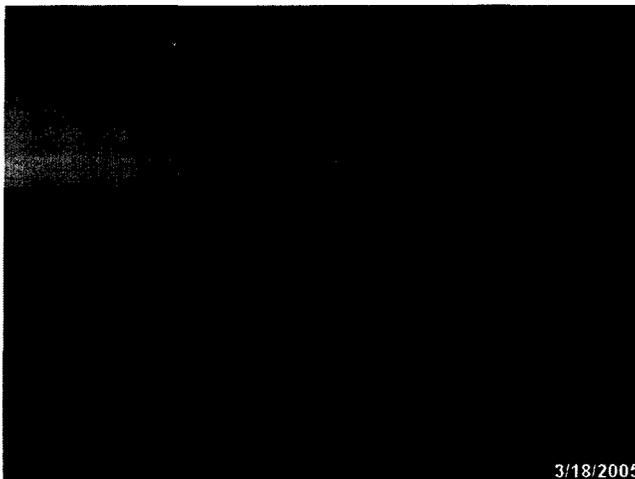
Photograph #8- Looking down on polyethylene liner placement in north excavation.



Photograph #9- Poly liner in northern portion of excavation, looking southerly.



Photograph #10- Backfilling site, looking westerly.



Photograph #11- Site after backfilling, looking southerly.



Photograph #12- Site after backfilling, looking southwesterly.

ATTACHMENT III-
Final 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 March 17, 1999

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

Release Notification and Corrective Action

OPERATOR "INFORMATION ONLY NON-REPORTABLE" Initial Report Final Report

Name of Company Plains All American Pipeline	Contact Camille Reynolds
Address 3112 W. Hwy 82, Lovington, New Mexico 88260	Telephone No. 505-396-3341
Facility Name Monument 6" (Ref. #2002-10797)	Facility Type 6" Crude Oil Pipeline

Surface Owner Delores Davis (Nash)	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: Lea Lat.: 32°36'33"N Lon: 103°15'56"W
A	5	20S	37E					

NATURE OF RELEASE

Type of Release Crude Oil	Volume of Release Unknown bbls	Volume Recovered Unknown bbls
Source of Release 6" Steel Pipeline	Date and Hour of Occurrence Before 1982	Date and Hour of Discovery Unknown
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	
By Whom?	Date and Hour NA	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The cause of the release is unknown. Crude oil lines were exposed, however no clamps or leaks were found. It is speculated that hydrocarbon impacts were caused from a leaking valve south of remediation site. Both crude oil lines on the property were removed from the property and capped.

Describe Area Affected and Cleanup Action Taken.*

Initial Area = ~18,108 ft² (260'X120'). Hydrocarbon impacted soil above NMOCD remedial thresholds (~11,148 yd³) was excavated and transported to the Lea Station Landfarm for treatment. Residual hydrocarbons in floor of northern excavation were isolated with a 20-mil polyethylene liner. The site was backfilled with clean soil (~12,896 yd³) obtained from Mr. Jimmy Cooper. NMOCD remedial thresholds were: 10 mg/Kg for benzene, 50 mg/Kg for BTEX and 100 mg/Kg for TPH.

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

Signature: <i>Camille Reynolds</i>	OIL CONSERVATION DIVISION	
Printed Name: Camille Reynolds	Approved by District Supervisor: <i>[Signature]</i>	
Title: Remediation Coordinator	Approval Date: 5-3-07	Expiration Date:
Date:	Phone: 505-396-3341	Conditions of Approval: Attached <input type="checkbox"/>

* Attach Additional Sheets If Necessary