1R- 435

REPORTS

DATE:

2/24/2006

Soil Closure Compliance Report

Arco Getty Site
UL - N, SE ¼ of SW ¼ Section 27, T22S, R37E
Plains SRS Number 2001-10849
Lea County, New Mexico

Terracon Project Number 94057622

February 24, 2006

Prepared for:

Plains Pipeline, L.P. 3705 East Highway 158 P.O. Box 3119 Midland, Texas 79702 OCD ID Number 231735

Prepared by:



February 24, 2006

Plains Pipeline, L.P. 3705 East Highway 158 Midland, Texas 79706

Attn: Ms. Camille Reynolds

Telephone: (505) 393-5611 Fax:

(505) 397-0697

Re:

Soil Closure Report

Arco Getty Site

UL-N, SE 1/4 of SW 1/4 Section 27, T22S, R37E

Lea County, New Mexico

Plains Pipeline, L.P. SRS Number 2001-10849

Terracon Project Number 94047622

Dear Ms. Camille Reynolds:

Terracon is pleased to submit four copies of the Closure Compliance Report for the above referenced site.

We appreciate the opportunity to perform these services for Plains Pipeline, L.P. Please contact either of the undersigned at (432) 684-9600 if you have questions regarding the information provided in the report.

Sincerely,

Terracon

Prepared by:

Shanna L. Smith

Project Manager

Reviewed by:

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Barrett Bole, P.G.

Sr. Project Manager

AM4)

for Barrett Role

Terracon

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Soil Closure Compliance Report

Arco Getty Site UL - N, SE ¼ of SW ¼ Section 27, T22S, R37E Plains SRS Number 2001-10849 Lea County, New Mexico

Terracon Project Number 94047622

1.0 INTRODUCTION

The Arco Getty crude oil release site is located approximately 5 miles south of Eunice, New Mexico on NM State Road 18. The leak site is located on property owned by New Mexico State Land Trust with the surface rights currently leased by Mr. Roscoe Andrew Sims.

The leak occurred on January 11, 2001 with approximately 10 barrels of crude oil spilling into the surrounding pastureland and adjacent caliche pit. The crude oil release flowed in three separate directions on the surface, measuring approximately 10 to 15 feet in width and approximately 275 feet south, 115 feet southeast and approximately 150 feet east into the bottom of the caliche pit. A crew was dispatched to the site and a clamp was affixed to the pipeline as a temporary repair. Saturated topsoil was excavated and placed on an impermeable liner, yielding approximately 100 cubic yards of soil.

1.1 Site Description

Site Name	Arco Getty Site
Site Location/GPS	Lea County, New Mexico / 32° 21' 30.4" N, 103° 09' 08.1" W
General Site Description	The release occurred in the immediate area surrounding the pipeline in native pasture land.

A topographic map (Figure 1) and a site map (Figure 2) are included in Appendix A.

1.2 Scope of Services

The Scope of Services for Terracon as requested by Plains Pipeline included:

- Excavation and disposal of the area of concern;
- Collection of confirmation soil samples in the area of concern; and



 Submittal of a Soil Closure Compliance Report detailing field activities, analytical results, site maps and photographs.

1.3 Regulatory Framework

Crude oil facilities in New Mexico are generally regulated by the New Mexico Oil Conservation Division (NMOCD). Contamination of soil due to a surface release of crude oil is addressed within a NMOCD guideline titled *Guidelines for Remediation of Leaks, Spills and Release*.

Soils which are impacted by petroleum constituents are scored according to the ranking criteria to determine their relative threat to public health, fresh water, and the environment. Such limits are defined by the depth to groundwater, wellhead protection area, and distance to surface water. Based on these ranking criteria, the remediation action level at this site is as follows:

Depth to Ground Water <50 feet Ranking Score = 20 (As defined as vertical distance from lowermost contaminants to seasonal high water level) Groundwater was encountered at approximately 47 feet bgs during the soil investigation.

Wellhead Protection Area >1000' to water source

>200' to domestic well

Ranking Score = 0

Distance to Surface Water >1000 horizontal feet Ranking Score = 0

Total Ranking Score = 20

Based on total ranking criteria of 20, the remediation levels are as follows:

Benzene = 10 ppm

BTEX = 50 ppm

TPH = 100 ppm

1.4 Standard of Care

Terracon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. Terracon makes no warranties, either express or implied, regarding the findings, conclusions or recommendations. Please note that Terracon does not warrant the work of laboratories, regulatory agencies or other third parties supplying information used in the preparation of the report.



1.5 Additional Scope Limitations

Findings, conclusions and recommendations resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, non-detectable or not present during these services, and we cannot represent that the site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this remediation activities. Subsurface conditions may vary from those encountered at specific borings or wells or during other surveys, tests, assessments, investigations or exploratory services; the data, interpretations, findings, and our recommendations are based solely upon data obtained at the time and within the scope of these services.

1.6 Reliance

This report has been prepared for the exclusive use of PLAINS PIPELINE, LP, and any authorization for use or reliance by any other party (except a governmental entity having jurisdiction over the site) is prohibited without the express written authorization of PLAINS PIPELINE, LP and Terracon. Any unauthorized distribution or reuse is at the client's sole risk. Notwithstanding the foregoing, reliance by authorized parties will be subject to the terms, conditions and limitations stated in this report, and Terracon's Terms and Conditions. The limitation of liability defined in the terms and conditions is the aggregate limit of Terracon's liability to the client and all relying parties unless otherwise agreed in writing.

2.0 FIELD ACTIVITIES

2.1 Site Investigation

Initial delineation of the project site was conducted in November 2001 with a "Work Plan Supplement and Remediation Alternatives" (Work Plan) report being submitted in January 2002 by Environmental Plus, Inc. (EPI) located in Eunice, New Mexico. Based on the data review of this report, vertical delineation of the site consisted of 20 soil borings being advanced to 15 to 25 feet below ground surface (bgs). Samples were collected at 5' vertical intervals using a hollow stem auger and stainless steel probe with a vinyl sleeve, and analyzed for Total Petroleum Hydrocarbons (TPH) using EPA method 8015 modified and BTEX using EPA method 8260B at Analysis, Inc., in Austin, Texas. Horizontal delineation of petroleum hydrocarbons was estimated from visual surface staining and appeared to be within the bounds of the stained areas.



2.2 Excavation and Stockpiling

The proposed excavation was based on the data presented in EPI's Work Plan. For the areas where the soil sample results exceeded 500 mg/kg total petroleum hydrocarbon (TPH) using a photo-ionization meter, those soils were excavated and hauled to the land farm located at the Plains Pipeline Lea Station. Impacted soil from the south excavation was removed from an area which measured approximately 14 feet wide, 210 feet long and extended vertically to a maximum depth of 5 feet below ground surface (bgs). Impacted soil removed from the southeast excavation measured approximately 50 feet wide, 170 feet long and extended vertically to maximum depth of 10 feet bgs. The source area excavation measured approximately 50 feet wide, 50 feet long and extended vertically to a maximum depth of 20 feet bgs. Approximately 1,672 cubic yards of excavated soil was hauled from the site to Lea Station. Waste manifests are provided in Appendix E. For the areas where the soil samples did not exceed 500 mg/kg TPH, those soils were excavated and stockpiled onsite.

2.3 Soil Remediation

On January 18 and 24, 2005, 32 excavation confirmation samples and ten stockpile soil samples were collected and analyzed for total petroleum hydrocarbons (TPH) and benzene, toluene, ethylbenzene, xylenes (BTEX) to ensure the NMOCD remediation action levels of 10 mg/kg benzene, 50 mg/kg total BTEX, and 100 mg/kg TPH had been achieved. Analytical results from four confirmation samples of the walls and floor at total depth, of the southern and eastern excavations, indicated the TPH concentrations exceeded the NMOCD standard of 100 mg/kg TPH. Three stockpile soil samples exceeded the 100 mg/kg TPH concentration. The stockpiles were mixed with caliche bought from the New Mexico State Land Office.

The northeast wall and base of the south excavation were further excavated and three more soil samples from the excavation were collected on January 27, 2005, to evaluate the TPH concentrations. One soil sample (northeast wall) exceeded the 100 mg/kg TPH standard and thus the northeast wall was further excavated and re-sampled on February 4, 2005. Due to the width of the excavation of the northeast wall, two confirmation wall samples were collected on February 4, 2005. The east wall sample exceeded the 100 mg/kg TPH concentration and was further excavated and re-sampled on August 8, 2005. The laboratory results from the final excavation confirmation samples subsequent to over excavation activities indicated TPH and BTEX concentrations below the NMOCD remediation action levels of 100 mg/kg TPH, 10 mg/kg benzene, and 50 mg/kg total BTEX.



The soil sample collected from the base of the source area excavation, at 20 feet bgs, had a TPH concentration of 3,530 mg/kg. Due to the TPH concentration exceeding NMOCD guidelines, a trailer mounted drill unit was utilized to further investigate the total depth of impact. Soil samples were collected at 5 foot vertical intervals using a hollow stem auger and stainless steel probe with a vinyl sleeve. The soil samples collected from 25, 30, 35, and 40 feet bgs also exceeded NMOCD guidelines for TPH and BTEX concentrations. The TPH and BTEX concentrations from the soil samples collected at 45 and 50 feet bgs were below NMOCD thresholds.

During the soil investigation, groundwater was encountered at approximately 47 feet bgs. A groundwater sample was collected from the soil boring to evaluate the petroleum hydrocarbon concentrations in the groundwater. The groundwater concentrations for benzene, toluene, and total xylenes were above the New Mexico Water Quality Control Commission Ground Water Standards. The groundwater sample was not collected from a completed monitor well; therefore, detected BTEX concentrations may not be representative of actual groundwater conditions.

2.4 Liner Installation

Plains received approval from the NMOCD to install a polyethylene liner at the original source area. A twenty millimeter thick liner, constructed of polyethylene and impervious to petroleum hydrocarbons, was installed on August 24, 2005 to isolate the source material and to cease the vertical migration of contaminants of concern. Due to multiple pipelines located in the area and safety factors associated with the excavation, the liner was installed at 10 feet bgs. A one foot thick sand layer was placed above and below the liner.

2.5 Backfill and Site Restoration Activities

The site excavation was backfilled with approximately 1,300 cubic yards of caliche and 574 cubic yards of topsoil and was restored, as near possible to the natural grade of the surrounding area on August 25, 2005 and December 9, 2005.

2.4 Soil Sampling

Terracon's soil sampling program included the collection of 38 confirmation soil samples from the excavated area and 13 confirmation soil stockpile samples utilized for backfill. The soil samples were analyzed for TPH using EPA method 8015 modified and BTEX using EPA method 8021B.



The soil samples collected were placed in laboratory prepared glassware, sealed with custody tape and placed on ice in a cooler which was secured with a custody seal. The sample and completed chain-of-custody form was relinquished to Environmental Lab of Texas in Odessa, Texas for analysis. The executed chain-of-custody forms, laboratory data sheets are provided in Appendix B.

3.0 DATA EVALUATION

Thirty-eight confirmation soil samples were collected from the side walls and floors in the excavated areas and 13 confirmation soil samples were collected from the stockpiled materials. The laboratory results from the excavation confirmation samples and stockpiled soil samples subsequent to remediation and aeration indicated BTEX concentrations below the NMOCD remediation action levels of 10 mg/kg benzene and 50 mg/kg total BTEX. The TPH concentrations of the confirmation soil samples were below the 100 mg/kg TPH NMOCD standard for the site. The laboratory results are presented in Appendix B, Table 1.

4.0 FINDINGS AND CONCLUSIONS

Terracon submits this closure compliance report to Plains which documents the site remediation and closure activities. Based on results of our field activities and laboratory analyses, the NMOCD approved backfilling and site restoration activities. Terracon recommends Plains submit this report to the NMOCD as documentation that remediation was completed to NMOCD standards and recommends Plains requests a "no further action" letter for this site.



DISTRIBUTION

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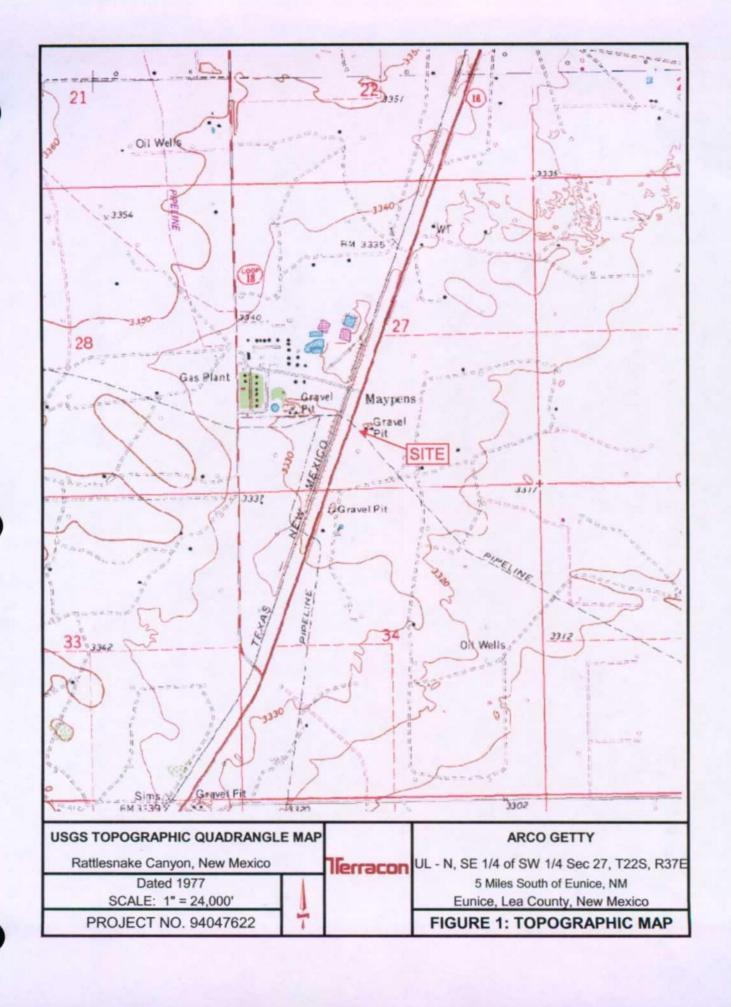
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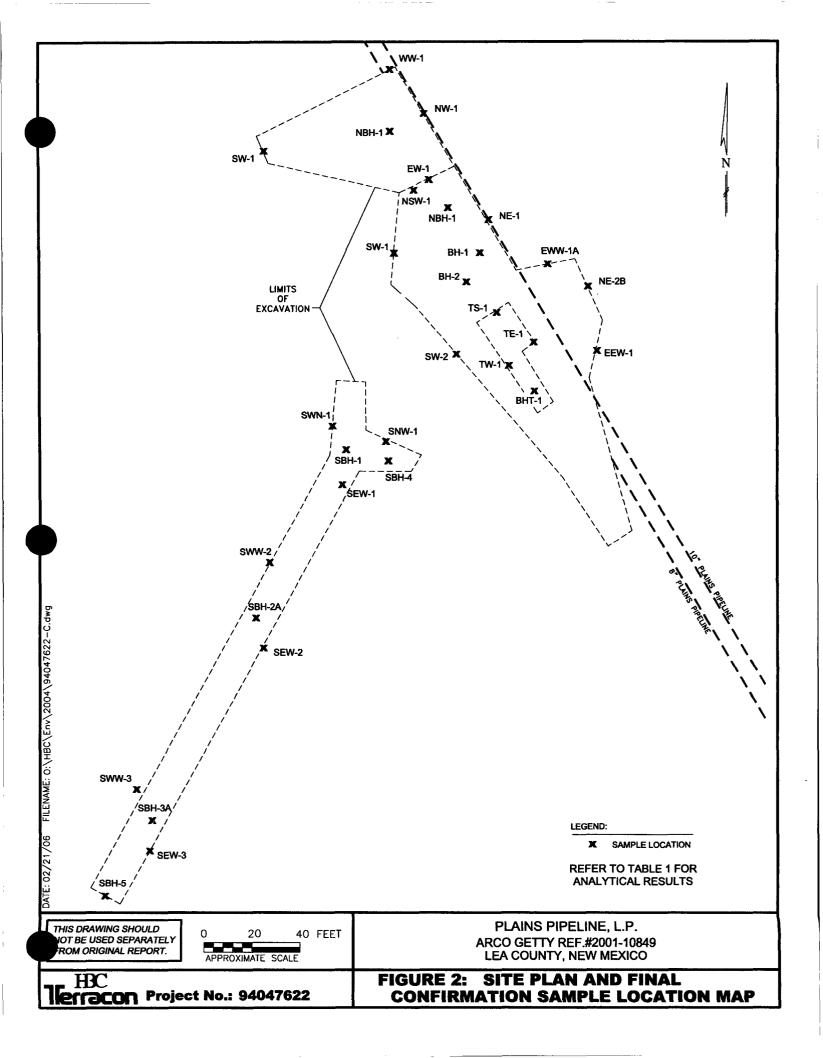
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APPENDIX A

Figure 1 – Topographic Map

Figure 2 – Site Plan and Final Confirmation Sample Location Map





APPENDIX B

Analytical Summary Tables Laboratory Data Sheets Laboratory Chain of Custody Documents

Table 1

CONCENTRATIONS OF TPH & BTEX IN SOIL

Plains Pipeline, L.P. Arco-Getty

UL - N, SE 1/4 of SW 1/4 Sec 27, T22S, R37E 5 Miles South of Eunice, Lea County, New Mexico Plains All American Pipeline Leak Number 2001-10849 Terracon Project Number 94047622

All concentrations are in mg/kg

		EPA	8015 mod	ified	Ĺ		EPA Metho	od 8021B			SW 846 9253
SAMPLE DATE	SAMPLE LOCATION	TPH C ₆ -C ₁₂	TPH >C ₁₂ -C ₃₅	TPH C ₆ -C ₃₅	BENZENE	TOLUENE	ETHYL- BENZENE	M,P- XYLENES	O- XYLENES	BTEX	CHLORIDES
01/11/05	EL-1 20'	<10.0	<10.0	<10.0							
01/11/00	EL-2 10'	<10.0	<10.0	<10.0							
	EL-2 15'	<10.0	<10.0	<10.0							
	EL-2 20'	<10.0	<10.0	<10.0							
	EL-3 20'	<10.0	<10.0	<10.0							
	EL-4 10'	<10.0	<10.0	<10.0							
01/18/05	NE-1	<10.0	16.1	16.1	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	NE-2	19.2	1410	1430	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SW-1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0156	<0.025	0.0156	,
	SW-2	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0199	<0.025	0.0199	
	BH-1	<10.0	50.4	50.4	<0.025	<0.025	<0.025	0.0175	<0.025	0.0175	170
	BH-2	<10.0	30.8	30.8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	TS-1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	TW-1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	BHT-1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	TE-1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-1 & 2	6.22	47.6	47.6	<0.025	<0.025	<0.025	0.0167	<0.025	0.0167	
	SP-3	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0296	<0.025	0.0296	
	SP-4A	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
ļ	SP-4B	<10.0	45.0	45.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-5	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-6	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025 <0.025	0.029	0.0388	0.0678	
	SBH-1 3'	14.6 859	57.8 1900	72.4	<0.025 <0.025	<0.025 <0.025		<0.025	<0.025	<0.025	
	SBH-2 3' SBH-3 3'	155	916	2760 1070	<0.025	<0.025	0.194 <0.025	0.674 <0.025	0.12 <0.025	0.988 <0.025	<20.0
	SBH-4 3'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<u> </u>
	SBH-5 1'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0233	<0.025	0.0233	
	SWW-1 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0261	<0.025	0.0255	
	SWW-2 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SWW-3 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SEW-1 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SEW-2 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SEW-3 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	NBH-1 2'	<10.0	13.8	13.8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	NSW-1 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	CP-1	<10.0	<10.0	<10.0	< 0.025	<0.025	0.0216	0.0562	0.0231	0.1009	<20.0
	CP-2	<10.0	26.8	26.8	<0.025	0.017	0.283	0.0718	0.0295	0.4013	<20.0
01/19/05	SNW-1 2'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
01/24/05	NW-1 5'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0218	<0.025	0.0218	
<u> </u>	NW-1 15'	7.16	21.8	21.8	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	WW-1 5'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	WW-1 15'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	EW-1 5'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	EW-1 15'	6.09	42.1	42.1	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SW-1 5'	<10.0	25.2	25.2	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SW-1 15'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	NBH-1 20'	1050	2480	3530	0.196	1.130	0.272	2.950	1.870	6.418	
	SP-7	215	652	867	<0.025	0.074	0.174	0.830	0.527	<0.025	
	SP-8	<10.0	45.9	45.9	<0.025	<0.025	<0.025	0.0336	0.026	0.0596	
04/04/05	DDII 4 650	00=	000	46=4	1050	<u> </u>	0.000	<u> </u>	1.55	1.55	
01/24/05	DBH-1 25'	337	929	1270	<25.0	0.215	0.236	2.480	1.36	4.291	
1	DBH-1 31'	71.4	318	389	<25.0	<25.0	<25.0	0.0368	0.0172	0.054	<u> </u>

Table 1

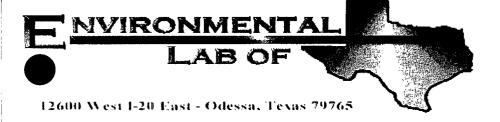
CONCENTRATIONS OF TPH & BTEX IN SOIL

Plains Pipeline, L.P.
Arco-Getty
UL - N, SE 1/4 of SW 1/4 Sec 27, T22S, R37E
5 Miles South of Eunice, Lea County, New Mexico
Plains All American Pipeline Leak Number 2001-10849
Terracon Project Number 94047622

All concentrations are in mg/kg

		EPA	8015 mod	ified	1		EPA Metho	od 8021B			SW 846 9253
SAMPLE DATE	SAMPLE LOCATION	TPH C ₆ -C ₁₂	TPH >C ₁₂ -C ₃₅	TPH C ₆ -C ₃₅	BENZENE	TOLUENE	ETHYL- BENZENE	M,P- XYLENES	O- XYLENES	BTEX	CHLORIDES
01/27/05	NE-2A	19.2	730	749	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SBH-2A 5'	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	0.0211	<0.025	0.0211	
	SBH-3A 4.5'	12.7	90.4	103	<0.025	<0.025	<0.025	0.035	0.0174	0.0524	
02/04/05	NE-2B	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-9	48.6	149	198	<0.025	0.0218	0.0183	0.112	0.175	0.3271	
	SP-10	77.9	276	354	<0.025	<0.025	<0.025	0.0282	0.177	0.2052	
	EWW-1	<10.0	307	307	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	EEW-1	<10.0	<10.0	<10.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
								_			
02/10/05	NBH-1 25'	1280	1720	3000	1.480	24.800	10.700	37.800	16.500	91.28	
	NBH-1 30'	3450	4390	7840	2.200	43.100	26.500	50.400	24.900	147.1	
	NBH-1 35'	4910	6180	11100	3.310	49.200	34.300	54.900	32.700	174.41	
	NBH-1 40'	194	492	686	<0.025	0.169	0.616	1.320	0.766	2.871	
	NBH-1 45'	32.5	50.8	83.3	0.0253	1.240	1.650	3.410	2.020	8.3453	
	NBH-1 50'	25.2	57.8	83.0	0.090	0.415	0.176	0.353	0.164	1.1975	
					<u> </u>						
08/08/05	EWW-1A	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-7A	9.73	109	109.0	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-9A	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	SP-10A	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
09/09/05	MW-1 5'	<10	<10	<10	<0.025	<0.025	<0.025	0.077	0.0198	0.0970	
	MW-1 20'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	MW-1 45'	<10	<10	<10	<0.025	<0.025	<0.025	0.0399	<0.025	0.0399	
	MW-2 5'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	MW-2 20'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	MW-2 45'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	MW-3 5'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	MW-3 20'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
	MW-3 40'	<10	<10	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	
					<u> </u>			L			

CONCENTRATIONS IN BOLD ARE ABOVE REGULATORY LIMITS



Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5A11010

Report Date: 01/14/05

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/14/05 09:51

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EL-1 20'	5A11010-01	Soil	01/11/05 09:20	01/11/05 15:26
EL-2 10'	5A11010-02	Soil	01/11/05 09:25	01/11/05 15:26
EL-2 15'	5A11010-03	Soil	01/11/05 09:30	01/11/05 15:26
EL-2 20'	5A11010-04	Soil	01/11/05 09:33	01/11/05 15:26
EL-3 20'	5A11010-05	Soil	01/11/05 09:59	01/11/05 15:26
EL-4 10'	5A11010-06	Soil	01/11/05 11:05	01/11/05 15:26

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/14/05 09:51

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
EL-1 20' (5A11010-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51401	01/12/05	01/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	"	u	u	H	n	
Total Hydrocarbon C6-C35	ND	10.0	19	tt .	u		10	п	
Surrogate: 1-Chlorooctane		96.4 %	70-13	0	"	"	n	"	
Surrogate: 1-Chlorooctadecane		98.0 %	70-13	0	"		"	•	
EL-2 10' (5A11010-02) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51401	01/12/05	01/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	u	11	*	n	п	n	
Total Hydrocarbon C6-C35	ND	10.0	**	"	н	u	11	11	
Surrogate: 1-Chlorooctane		90.0 %	70-13	10	н	"	μ	"	
Surrogate: 1-Chlorooctadecane		96.6 %	70-13	10	и	"	n	n	
EL-2 15' (5A11010-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51401	01/12/05	01/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	н	u		n	11	n	
Hydrocarbon C6-C35	ND	10.0	"	"	n		"	*	
gate: 1-Chlorooctane		113 %	70-1.	30	"	,,	"	n	
Surrogate: 1-Chlorooctadecane		115 %	70-13	30	"	**	H	u	
EL-2 20' (5A11010-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51401	01/12/05	01/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n	**	•	ŧı	H	n	
Total Hydrocarbon C6-C35	ND	10.0		u	п	u	**	**	
Surrogate: 1-Chlorooctane		102 %	70-1.	30	н	,,	"	"	
Surrogate: 1-Chlorooctadecane		104 %	70-1.	30	"	"	"	"	
EL-3 20' (5A11010-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	i	EA51401	01/12/05	01/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	ıı	п	п	u	u	
Total Hydrocarbon C6-C35	ND	10.0	a		11	n	*	u .	
Surrogate: 1-Chlorooctane		101 %	70-1.	30	n	"	"	rr .	
Surrogate: 1-Chlorooctadecane		114 %	70-1.	30	"	"	n	н	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/14/05 09:51

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EL-4 10' (5A11010-06) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51401	01/12/05	01/13/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	II .	**		n	**		
Total Hydrocarbon C6-C35	ND	10.0	*	#	**	•	u	16	
Surrogate: 1-Chlorooctane		98.8 %	70-1	30	n	"	"	"	
Surrogate: 1-Chlorooctadecane		94.4 %	70-1	30	"	"	u	,,	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/14/05 09:51

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EL-1 20' (5A11010-01) Soil									
% Moisture	2.7		%	1	EA51307	01/12/05	01/13/05	% calculation	
EL-2 10' (5A11010-02) Soil									
% Moisture	11.5		%	1	EA51307	01/12/05	01/13/05	% calculation	
EL-2 15' (5A11010-03) Soil									
% Moisture	8.6		%	1	EA51307	01/12/05	01/13/05	% calculation	
EL-2 20' (5A11010-04) Soil									
% Moisture	3.2		%	1	EA51307	01/12/05	01/13/05	% calculation	
EL-3 20' (5A11010-05) Soil									
% Moisture	3.1		%	1	EA51307	01/12/05	01/13/05	% calculation	
EL-4 10' (5A11010-06) Soil									
% Moisture	7.4		%	1	EA51307	01/12/05	01/13/05	% calculation	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/14/05 09:51

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 EA51401 - Solvent Extraction (GC)										
Blank (EA51401-BLK1)				Prepared: 0	01/12/05 A	nalyzed: 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	n							
Surrogate: 1-Chlorooctane	35.8		mg/kg	50.0		71.6	70-130			
Surrogate: 1-Chlorooctadecane	38.5		"	50.0		77.0	70-130			
LCS (EA51401-BS1)				Prepared: 0	01/12/05 A	nalyzed: 01	/14/05			
Gasoline Range Organics C6-C12	454	10.0	mg/kg wet	500		90.8	75-125			
Diesel Range Organics >C12-C35	456	10.0	"	500		91.2	75-125			
Total Hydrocarbon C6-C35	910	10.0	**	1000		91.0	75-125			
Surrogate: 1-Chlorooctane	45.3		ing/kg	50.0		90.6	70-130			
Surrogate: 1-Chlorooctadecane	36.4		H	50.0		72.8	70-130			
LCS Dup (EA51401-BSD1)				Prepared: (01/12/05 A	nalyzed: 01	1/14/05			
Gasoline Range Organics C6-C12	447	10.0	mg/kg wet	500		89.4	75-125	1.55	20	
Diesel Range Organics >C12-C35	447	10.0	"	500		89.4	75-125	1.99	20	
Total Hydrocarbon C6-C35	894	10.0	ti-	1000		89.4	75-125	1.77	20	
Surrogate: 1-Chlorooctane	41.3		mg/kg	50.0		82.6	70-130			
zate: 1-Chlorooctadecane	37.9		n	50.0		75.8	70-130			
Calibration Check (EA51401-CCV1)				Prepared:	01/12/05 A	nalyzed: 0	1/13/05			
Gasoline Range Organics C6-C12	457		mg/kg	500		91.4	80-120			
Diesel Range Organics >C12-C35	519		u	500		104	80-120			
Total Hydrocarbon C6-C35	976		n	1000		97.6	80-120			
Surrogate: 1-Chlorooctane	52.0		"	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	41.6		"	50.0		83.2	70-130			

% Moisture

Project: Arco Getty

Project Number: 2001-10849

Project Manager: Camille Reynolds

2.7

Fax: (432) 687-4914

0.00

20

Reported: 01/14/05 09:51

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

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

Batch EA51307 - General Preparati	on (Prep)			
Blank (EA51307-BLK1)			Prepared: 01/12/05 Analyzed: 01/13/05	
% Moisture	0.002	%		
Duplicate (EA51307-DUP1)	Source: 54	A11010-01	Prepared: 01/12/05 Analyzed: 01/13/05	

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/14/05 09:51

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 Julis

Date: 1/14/2005

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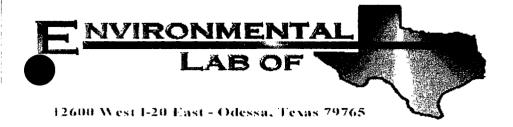
If you have received this material in error, please notify us immediately at 432-563-1800.

CHAIN OF CUSTODY RECORD 40.0 Atlanta Office 2855 Premicre Parkvary, Suite C Duluth, Georgia 30097 (770) 623-0735 Fax (770) 623-9628 Yoz glass on ice Lab Sample ID (Lab Use Only) ا ق Temp, of coolers when received (C"): ASA Pas per Sinanne Yiz Gu30 301 20--03 -05 ò 5A 11010 -01 Newballs 587-1669 (m) m Lab us Due Dav Page Camille Rynalds Plays Ar American Austin Office 5307 Industrial Oaks Blvd. # 160 Austin, Texas 78735 (512) 442-1/22 Fax (512) 442-1 [8] ō 0 SL - sludge NOTES: ENVIRONMENTAL, GEOTECHNICAL AND CONSTRUCTION MATERIALS SERVICES REQUESTED ANALYSIS C - Charcoal tube P/O - Plastic or other MINO SINS HAL Time: Time: ime: Time: t5:26 Fort Worth Office 260! Gravel Drive Firtt Worth, Texas 76! 18 (817) 265-8600 Fix (817) 266-8502 30-11-10 25 E Date: Date: Date: Date: No/Type of Containers L - Liquid A - Air Bag 250 ml - Glass wide mouth E& Star Co Jan money ş PO/SO#: 2601 - 10844 Received by: (Signature) Received by: (Signature) Received by: (Signature) Received by: (Signature) Depth 30 10 Š S 3 Ď ₽u∃ Shanne Depth Sampler's Signature 8901 Carpener Freeway, Suite 100 Dallas, Texas 75247 (214) 630-1010 Fax (214) 630-7070 Start W - Water S - Soil SD - Soild A/G - Amber / Or Glass 1 Liter O 100% Rush Laboratory: identifying Marks of Sample(s) Address:__ Contact: Phone: Time: 1526 Time: Œ. Time: 30 Project Name
| PCCD Cyctty .s 19 0 300 30 Dallas Office 1 50% Rush 64-3 61.2 EL-1 61.7 C(-3 G.- 4 Date: V II / 65 Consulting Engineers & Scientists Project Manager Shawak Sonth Date: Date: Date: Office Location Midling TX Shawer Smith Ooga Mormal WW - Wastewater VOA - 40 ml vial Houston Office 11555 Clay Rosd, Suite 100 Heniston, Texas 77043 (713) 690-8989 Fax (713) 690-8787 Relinquished by (Signature) Refinquished by (Signature) Relinquished by (Signature) Relinquished by (Signature) Vn 105 930 230 933 1105 958 SS SS Proj. No. <u>a</u> furn around time Sampler's Name Date Matrix Container Matrix

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

Client: Plains P/L				
Date/Time: 01-11-05@ 1526				
Order#: 5 A 11 O 1 O				`
Initials: JMM				
Sample Receipt	Checkli	ist		
Temperature of container/cooler?	(Yes)	No	4.0 · C	
Shipping container/cooler in good condition?	Yes	No	N/A	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present N/A	
Custody Seals intact on sample bottles?	Yes	No	Not present	
Chain of custody present?	Yes	No		
Sample Instructions complete on Chain of Custody?	Yes	No		
Chain of Custody signed when relinquished and received?	(res)	No		
Chain of custody agrees with sample label(s)	(Yes)	No		
Container labels legible and intact?	(Yes)	No		
Sample Matrix and properties same as on chain of custody?	Yes	No		
Samples in proper container/bottle?	(es)	No		
Samples properly preserved?	(Yes)	No		•
Sample bottles intact?	(Ves)	No		
Preservations documented on Chain of Custody?	(es)	No		
Containers documented on Chain of Custody?	(es)	No		
Sufficient sample amount for indicated test?	(fes)	No		
All samples received within sufficient hold time?	(65)	No		
VOC samples have zero headspace?	(Yes)	No	Not Applicable	
Other observations:				
Contact Person: Date/Time: Regarding:	mentatio	n: 	Contacted by:	
Corrective Action Taken:				Annual Control of the

	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		*	1 -11-11-11-11-11-11-11-11-11-11-11-11-1
		.,,		·



Analytical Report

Prepared for:

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

Project: Arco Getty
Project Number: 2001-10849

Location: None Given

Lab Order Number: 5A19011

Report Date: 01/23/05

Project: Arco Getty
Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/23/05 11:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NE-1	5A19011-01	Soil	01/18/05 12:45	01/19/05 10:45
NE-2	5A19011-02	Soil	01/18/05 12:48	01/19/05 10:45
SW-1	5A19011-03	Soil	01/18/05 12:51	01/19/05 10:45
SW-2	5A19011-04	Soil	01/18/05 12:55	01/19/05 10:45
BH-1	5A19011-05	Soil	01/18/05 12:57	01/19/05 10:45
BH-2	5A19011-06	Soil	01/18/05 13:00	01/19/05 10:45
TS-1	5A19011-07	Soil	01/18/05 13:05	01/19/05 10:45
TW-1	5A19011-08	Soil	01/18/05 13:10	01/19/05 10:45
BHT-1	5A19011-09	Soil	01/18/05 13:15	01/19/05 10:45
TE-1	5A19011-10	Soil	01/18/05 13:20	01/19/05 10:45
SP-1 & 2	5A19011-11	Soil	01/18/05 13:30	01/19/05 10:45
SP-3	5A19011-12	Soil	01/18/05 13:38	01/19/05 10:45
SP-4A	5A19011-13	Soil	01/18/05 13:41	01/19/05 10:45
SP-4B	5A19011-14	Soil	01/18/05 13:45	01/19/05 10:45
SP-5	5A19011-15	Soil	01/18/05 13:51	01/19/05 10:45
SP-6	5A19011-16	Soil	01/18/05 13:56	01/19/05 10:45
ВН-1 3'	5A19011-17	Soil	01/18/05 12:25	01/19/05 10:45
3BH-2 3'	5A19011-18	Soil	01/18/05 12:28	01/19/05 10:45
SBH-3 3'	5A19011-19	Soil	01/18/05 12:30	01/19/05 10:45
SBH-4 3'	5A19011-20	Soil	01/18/05 12:40	01/19/05 10:45
SBH-5 1'	5A19011-21	Soil	01/18/05 12:45	01/19/05 10:45
SWW-1 2'	5A19011-22	Soil	01/18/05 13:18	01/19/05 10:45
SWW-2 2'	5A19011-23	Soil	01/18/05 13:20	01/19/05 10:45
SWW-3 2'	5A19011-24	Soil	01/18/05 13:22	01/19/05 10:45
SEW-1 2'	5A19011-25	Soil	01/18/05 13:28	01/19/05 10:45
SEW-2 2'	5A19011-26	Soil	01/18/05 13:31	01/19/05 10:45
SEW-3 2'	5A19011-27	Soil	01/18/05 13:35	01/19/05 10:45
NBH-1 2'	5A19011-28	Soil	01/18/05 13:50	01/19/05 10:45
NSW-1 2'	5A19011-29	Soil	01/18/05 13:55	01/19/05 10:45
CP-1	5A19011-30	Soil	01/18/05 14:10	01/19/05 10:45
CP-2	5A19011-31	Soil	01/18/05 14:12	01/19/05 10:45
Or 2	3117011-31	5011	01,10,00 14.12	01.17/03 10.43

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/23/05 11:34

Analyte	Result	Reporting Limit	Units	Dilusia -	Datal	Dunnand	A malaine 3	Madead	X 1 ·
	Result	Limit	Onits	Dilution	Batch	Prepared	Analyzed	Method	Not
NE-1 (5A19011-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	16.1	10.0	II .	n	**	u	11	п	
Total Hydrocarbon C6-C35	16.1	10.0	u	н	11		11		
Surrogate: 1-Chlorooctane		92.8 %	70-13	10	"	u	u	u	
Surrogate: I-Chlorooctadecane		97.4 %	70-13	10	r	*	"	n	
NE-2 (5A19011-02) Soil									
Gasoline Range Organics C6-C12	19.2	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	1410	10.0	u	**		*		u	
Total Hydrocarbon C6-C35	1430	10.0	P .	*11	"	11	11	**	
Surrogate: 1-Chlorooctane		99.8 %	70-13	30	"	"	"	u	
Surrogate: 1-Chlorooctadecane		106 %	70-13	30	u	"	"	"	
SW-1 (5A19011-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	i	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	H		n	**	n	н	
al Hydrocarbon C6-C35	ND	10.0	п	"	"	"	**	"	
rogate: 1-Chlorooctane		93.4 %	70-1.	30	u		u	"	
Surrogate: 1-Chlorooctadecane		104 %	70-1.	30	"	n	"	"	
SW-2 (5A19011-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	•	u	"	0	**	
Total Hydrocarbon C6-C35	ND	10.0	"		u	n	u		
Surrogate: 1-Chlorooctane		98.4 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		109 %	70-1	30	"	#	"	"	
BH-1 (5A19011-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	50.4	10.0	n	•	"	II		н	
Total Hydrocarbon C6-C35	50.4	10.0	"	"	*		u	**	
Surrogate: 1-Chlorooctane		101 %	70-1	30	"	u	"	"	
Surrogate: 1-Chlorooctadecane		112 %	70-1	30	,,	11	"	"	

Project: Arco Getty
Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/23/05 11:34

Analyte	Result	Reporting Limit	Units	Dilineia	Datah	Deans 1	Anch J	Made	37. ·
BH-2 (5A19011-06) Soil		Eilill		Dilution	Batch	Prepared	Analyzed	Method	Note
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry "	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	30.8	10.0			**	u	n	в	
Total Hydrocarbon C6-C35	30.8	10.0							
Surrogate: 1-Chlorooctane		101 %	70-1		"	u H	4	"	
Surrogate: I-Chlorooctadecane		107 %	70-1	30	"	*	"	"	
TS-1 (5A19011-07) Soil									_
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	II .	ii		u	11	"	
Total Hydrocarbon C6-C35	ND	10.0	n	11	11	**	*	10	
Surrogate: 1-Chlorooctane		103 %	70-1	30	"	ıı	"	н	
Surrogate: 1-Chlorooctadecane		102 %	70-1	30	"	"	W	"	
TW-1 (5A19011-08) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n	**	ıı	u	**	n	
l Hydrocarbon C6-C35	ND	10.0	*	"	"	u	**	11	
rogate: 1-Chlorooctane		114 %	70-1	30	"	"	,,		
Surrogate: 1-Chlorooctadecane		119 %	70-1	30	"	"	"	"	
BHT-1 (5A19011-09) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	и		u		п	н	
Total Hydrocarbon C6-C35	ND	10.0	u		**	, n	*1	II	
Surrogate: 1-Chlorooctane		96.4 %	70-	130	"	и	11	n	
Surrogate: 1-Chlorooctadecane		108 %	70-	130	n	"	"	u	
TE-1 (5A19011-10) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"		"	41	đ		
Total Hydrocarbon C6-C35	ND	10.0	11	u	**	u		и	
Surrogate: 1-Chlorooctane		94.6 %	70-	130	"	"	u.	и	
Surrogate: 1-Chlorooctadecane		107 %	70-	130	"	и	"	"	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SP-1 & 2 (5A19011-11) Soil				Dittion	Daten	Trepared	Allalyzon	Michied	1100
Gasoline Range Organics C6-C12	J [6.22]	10.0	mg/kg dry	ì	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	47.6	10.0	II	n	n	H	11	n	
Total Hydrocarbon C6-C35	47.6	10.0	н		**	n	44	er	
Surrogate: 1-Chlorooctane		88.2 %	70-1	30	"	"	п	"	
Surrogate: 1-Chlorooctadecane		95.4 %	70-1	30	"	"	rr .	Ħ	
SP-3 (5A19011-12) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n		и	**	н	н	
Total Hydrocarbon C6-C35	ND	10.0	u	N	11	+1	"	"	
Surrogate: 1-Chlorooctane		86.0 %	70-1	30	,,	,,	"	"	
Surrogate: 1-Chlorooctadecane		98.2 %	70-1	30	,,	"	u	"	
SP-4A (5A19011-13) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	n	11	Ħ	u	н	
etal Hydrocarbon C6-C35	ND	10.0	n	**	н	н	u	"	
rrogate: 1-Chlorooctane		98.6 %	70-1	30	"	n	н	n	
Surrogate: 1-Chlorooctadecane		110 %	70-1	30	"	"	"	u	
SP-4B (5A19011-14) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics > C12-C35	45.0	10.0	*	11	**	**	u	u	
Total Hydrocarbon C6-C35	45.0	10.0	11		п	11	и	и	
Surrogate: 1-Chlorooctane		102 %	70-1	30	"	,	"	"	
Surrogate: 1-Chlorooctadecane		113 %	70-1	30	"	"	a	n	
SP-5 (5A19011-15) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51901	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	u	**	u	ıı	11	u	
Total Hydrocarbon C6-C35	ND	10.0	"	"		и	#		
Surrogate: 1-Chlorooctane		101 %	70-	130	"	"	"	"	
Surrogate: 1-Chlorooctadecane		118 %	70-1	130	n	u	"	u	

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Analysa	Donale	Reporting Limit	Linita						
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-6 (5A19011-16) Soil		· · · · · · · · · · · · · · · · · · ·	<u>-</u>						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	**			•	t#	
Total Hydrocarbon C6-C35	ND	10.0		91		"	11		
Surrogate: 1-Chlorooctane		102 %	70-1	3 0	n	"	"	,,	
Surrogate: 1-Chlorooctadecane		113 %	70-1	30	"	"	**	"	
SBH-1 3' (5A19011-17) Soil									
Gasoline Range Organics C6-C12	14.6	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	57.8	10.0	ti.	•	н	n	n	10	
Total Hydrocarbon C6-C35	72.4	10.0	16	11	**	11	**		
Surrogate: 1-Chlorooctane		100 %	70-1	30	,,	"	n	*	
Surrogate: 1-Chlorooctadecane		104 %	70-1	30	,,	ır	"	n	
SBH-2 3' (5A19011-18) Soil									
Gasoline Range Organics C6-C12	859	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	1900	10.0		**	11	**		п	
al Hydrocarbon C6-C35	2760	10.0	n .	n	•	u	n	•	
rogate: 1-Chlorooctane		119 %	70-1	30	"	"	u	"	
Surrogate: 1-Chlorooctadecane		125 %	70-1	30	H	"	"	u	
SBH-3 3' (5A19011-19) Soil									
Gasoline Range Organics C6-C12	155	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	916	10.0	n	"	u			•	
Total Hydrocarbon C6-C35	1070	10.0	п	11	ıı	n	n	•	
Surrogate: 1-Chlorooctane		96.0 %	70-1	130	,,	"	"	u	
Surrogate: 1-Chlorooctadecane		115 %	70-1	130	n	"	"	"	
SBH-4 3' (5A19011-20) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	u	n	**		41	
Total Hydrocarbon C6-C35	ND	10.0	н	"	n	11	u	11	
Surrogate: 1-Chlorooctane		91.0 %	70-1	130	n	"	0	n	
Surrogate: 1-Chlorooctadecane		90.4 %	70-1	130	n	n	"	H	

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Analyte	Result	Limít ————	Units	Dilution	Batch	Prepared	Analyzed	Method	Not
SBH-5 1' (5A19011-21) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n	11	"	**	11	11	
Total Hydrocarbon C6-C35	ND	10.0	le				· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctane		94.8 %	70-13	80	"	"	"	"	
Surrogate: 1-Chlorooctadecane		93.8 %	70-13	80		"	n	"	
SWW-1 2' (5A19011-22) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	l	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	*	4	u				
Total Hydrocarbon C6-C35	ND	10.0	n			n	n	u	
Surrogate: 1-Chlorooctane		95.6 %	70-13	30	"	"	"	u	
Surrogate: 1-Chlorooctadecane		98.8 %	70-13	30	"	•	"	n	
SWW-2 2' (5A19011-23) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	H	ti	n		"	11	
Total Hydrocarbon C6-C35	ND	10.0	n	u	n	10	**		
rogate: 1-Chlorooctane		104 %	70-1.	30	"	"	,,	п	
Surrogate: 1-Chlorooctadecane		108 %	70-1.	30	"	"	"	n	
SWW-3 2' (5A19011-24) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	*	n	u	*	n	14	
Total Hydrocarbon C6-C35	ND	10.0	"	"	и	•	u	u	
Surrogate: 1-Chlorooctane		98.6 %	70-1.	30	"	"	n n	"	
Surrogate: 1-Chlorooctadecane		105 %	70-1.	30	n	u	11	"	
SEW-1 2' (5A19011-25) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	u	11	•		"		
Total Hydrocarbon C6-C35	ND	10.0					II .	"	
Surrogate: I-Chlorooctane		96.4 %	70-1.	30	"	u u	"	"	
Surrogate: 1-Chlorooctadecane		102 %	70-1.	30	"	n	"	"	

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		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
SEW-2 2' (5A19011-26) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	"	"	*	•	n	
Total Hydrocarbon C6-C35	ND	10.0	11	"		н	**	u .	
Surrogate: 1-Chlorooctane		108 %	70-13	10	"	"	"	u	
Surrogate: 1-Chlorooctadecane		115 %	70-13	80	"	"	"	**	
SEW-3 2' (5A19011-27) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	u	*	п	u		
Total Hydrocarbon C6-C35	ND	10.0	"	11	n	н	"	**	
Surrogate: 1-Chlorooctane		107 %	70-1.	30	"	"	"	u	
Surrogate: 1-Chlorooctadecane		107 %	70-1.	30	"	"	u	"	
NBH-1 2' (5A19011-28) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	13.8	10.0	n	н	**	n	n		
tal Hydrocarbon C6-C35	13.8	10.0	10	**		n	u	u	
rogate: 1-Chlorooctane	-	106 %	70-1	30	n	u	"	n	
Surrogate: 1-Chlorooctadecane		109 %	70-1	30	"	н	Ħ	"	
NSW-1 2' (5A19011-29) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	n	en .	и	**	n	
Total Hydrocarbon C6-C35	ND	10.0	**	u	"		n		
Surrogate: 1-Chlorooctane		109 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		107 %	70-1	30	,,		"	"	
CP-1 (5A19011-30) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	,		n	**	u	"	
Total Hydrocarbon C6-C35	ND	10.0	16		н	11	u	#	
Surrogate: 1-Chlorooctane		95.8 %	70-1	30	11	"	n	n	
Surrogate: 1-Chlorooctadecane		96.2 %	70-1	30	"	"	"	и	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CP-2 (5A19011-31) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA51902	01/19/05	01/20/05	EPA 8015M	
Diesel Range Organics >C12-C35	26.8	10.0		u	н	n	н	68	
Total Hydrocarbon C6-C35	26.8	10.0	u		*	u	ш	и	
Surrogate: 1-Chlorooctane		96.0 %	70-1	30	"	"	"	u	
Surrogate: 1-Chlorooctadecane		99.8 %	70-1	130	"	"	H	**	

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Analyte	Result	Reporting Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NE-1 (5A19011-01) Soil								
% Moisture	9.7	%	ı	EA51907	01/19/05	01/20/05	% calculation	
NE-2 (5A19011-02) Soil								
% Moisture	7.3	%	1	EA51907	01/19/05	01/20/05	% calculation	
SW-1 (5A19011-03) Soil								
% Moisture	8.7	%	1	EA51907	01/19/05	01/20/05	% calculation	
SW-2 (5A19011-04) Soil								
% Moisture	17.6	%	1	EA51907	01/19/05	01/20/05	% calculation	
BH-1 (5A19011-05) Soil								
Chloride	170	20.0 mg/kg Wet	2	EA52006	01/19/05	01/19/05	SW 846 9253	
% Moisture	6.3	%	1	EA51907	01/19/05	01/20/05	% calculation	
BH-2 (5A19011-06) Soil								
foisture	12.9	%	1	EA51907	01/19/05	01/20/05	% calculation	
TS-1 (5A19011-07) Soil								
% Moisture	8.5	%	1	EA51907	01/19/05	01/20/05	% calculation	
TW-1 (5A19011-08) Soil								
% Moisture	3,4	%	1	EA51907	01/19/05	01/20/05	% calculation	
BHT-1 (5A19011-09) Soil								
% Moisture	21.5	%	i	EA51907	01/19/05	01/20/05	% calculation	
TE-1 (5A19011-10) Soil								
% Moisture	8.2	%	ı	EA51907	01/19/05	01/20/05	% calculation	

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Analyte	Result	Reporting Limit Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-1 & 2 (5A19011-11) Soil			Dilution	Dateis	Ficharea	Allatyzed	Method	Note
% Moisture	12.4	%	ſ	EA51907	01/19/05	01/20/05	% calculation	
SP-3 (5A19011-12) Soil								
% Moisture	13.9	%	1	EA51907	01/19/05	01/20/05	% calculation	
SP-4A (5A19011-13) Soil								
% Moisture	11.0	%	1	EA51907	01/19/05	01/20/05	% calculation	
SP-4B (5A19011-14) Soil								
% Moisture	10.6	%	1	EA51907	01/19/05	01/20/05	% calculation	
SP-5 (5A19011-15) Soil								
% Moisture	18.2	%	1	EA51907	01/19/05	01/20/05	% calculation	
SP-6 (5A19011-16) Soil								
% Moisture	15.4	%	1	EA51907	01/19/05	01/20/05	% calculation	
-1 3' (5A19011-17) Soil								
% Moisture	13.9	%	1	EA51907	01/19/05	01/20/05	% calculation	
SBH-2 3' (5A19011-18) Soil								
% Moisture	11.9	%	1	EA51907	01/19/05	01/20/05	% calculation	
SBH-3 3' (5A19011-19) Soil								
Chloride	ND	20.0 mg/kg	Wet 2	EA52006	01/19/05	01/19/05	SW 846 9253	
% Moisture	8.2	%	1	EA51907	01/19/05	01/20/05	% calculation	
SBH-4 3' (5A19011-20) Soil								
% Moisture	14.2	%	i	EA51907	01/19/05	01/20/05	% calculation	

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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SBH-5 1' (5A19011-21) Soil				211,411.011			711117200		71010
% Moisture	9.1		%	1	EA51907	01/19/05	01/20/05	% calculation	
SWW-1 2' (5A19011-22) Soil									
% Moisture	10.7		%	1	EA51907	01/19/05	01/20/05	% calculation	
SWW-2 2' (5A19011-23) Soil									
% Moisture	8.5		%	l	EA51907	01/19/05	01/20/05	% calculation	
SWW-3 2' (5A19011-24) Soil									
% Moisture	14.8		%	l	EA51907	01/19/05	01/20/05	% calculation	
SEW-1 2' (5A19011-25) Soil									
% Moisture	14.6		%	1	EA51907	01/19/05	01/20/05	% calculation	
SEW-2 2' (5A19011-26) Soil									
% Moisture	12.7		%	1	EA51907	01/19/05	01/20/05	% calculation	
N-3 2' (5A19011-27) Soil									
% Moisture	18.9		%	1	EA51907	01/19/05	01/20/05	% calculation	
NBH-1 2' (5A19011-28) Soil									
% Moisture	12.9		%	ı	EA51907	01/19/05	01/20/05	% calculation	· · · · · · · · · · · · · · · · · · ·
NSW-1 2' (5A19011-29) Soil									
% Moisture	11.5		%	1	EA51907	01/19/05	01/20/05	% calculation	
CP-1 (5A19011-30) Soil									
Chloride	ND	20.0 m	ıg/kg Wet	2	EA52006	01/19/05	01/19/05	SW 846 9253	
% Moisture	7.0		%	1	EA51907	01/19/05	01/20/05	% 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
CP-2 (5A19011-31) Soil								
Chloride % Moisture	ND 6.0	20.0 mg/kg Wet %	2	EA52006 EA51907	01/19/05 01/19/05	01/19/05	SW 846 9253 % calculation	

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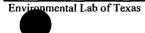
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Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NE-1 (5A19011-01) Soil	······································					· · · · · · · · · · · · · · · · · · ·			
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	n	u	u	u	. 11	Ħ	
Ethylbenzene	ND	25.0	**	n	**	n	u	n	
Xylene (p/m)	ND	25.0			u	•	11	н	
Xylene (o)	ND	25.0	"	u	**	u	п	"	
Surrogate: Dibromofluoromethane		90.8 %	70-1	39	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		83.6 %	52-1	49	n	"	н	n	
Surrogate: Toluene-d8		98.8 %	76-1	25	11	H	"	"	
Surrogate: 4-Bromofluorobenzene		95.2 %	66-1	45	"	u	n	n	
NE-2 (5A19011-02) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	a	и	"	"	Ħ	"	
Ethylbenzene	ND	25.0	u	u		и	u	W.	
Xylene (p/m)	ND	25.0	11	"	**	н	"	**	
Xylene (o)	ND	25.0	н	u		"		n	
Surrosste: Dibromofluoromethane		93.6 %	70-1	139	"	"	"	"	
Sur 1,2-Dichloroethane-d4		88.4 %	52-	149	"	n	"	"	
Surrogate: Toluene-d8		97.4 %	76-	125	"	n	u	n	
Surrogate: 4-Bromofluorobenzene		97.0 %	66-	145	n	"	"	"	
SW-1 (5A19011-03) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	**	**	#	u	u	11	
Ethylbenzene	ND	25.0	*	•	•	11	•	**	
Xylene (p/m)	J [15.6]	25.0	H	n	ø	"	11	u .	
Xylene (o)	ND	25.0	**		п	te .	ıı	"	
Surrogate: Dibromofluoromethane		98.6 %	70-	139	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	52-	149	"	"	n	"	
Surrogate: Toluene-d8		99.8 %	76-	125	"	n	"	"	
Surrogate: 4-Bromofluorobenzene		93.0 %	66-	145	**	"	,,	u	

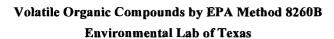


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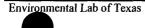
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SW-2 (5A19011-04) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	*	41	*	"	*	41	
Ethylbenzene	ND	25.0	tr.	*	u	H	u	tr .	
Xylene (p/m)	J [19.9]	25.0	н	n	17	· ·	ıı	**	j
Xylene (o)	ND	25.0	u	**	u .	11		n	
Surrogate: Dibromofluoromethane		94.4 %	70-1	39	,,	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	52-1	49	"	"	"	"	
Surrogate: Toluene-d8		100 %	76-1	25	Ħ	41	**	**	
Surrogate: 4-Bromofluorobenzene		94.8 %	66-1	45	u	"	"	"	
BH-1 (5A19011-05) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ИD	25.0	II .		н	u	e	и	
Ethylbenzene	ND	25.0	n	11	ч	u	"	64	
Xylene (p/m)	J [17.5]	25.0	tt	ø		и	u		j
Xylene (o)	ND	25.0	n	11	tt	n	н	ц	
Surrogate: Dibromofluoromethane		94.2 %	70-1	39	,,	"	"	"	
Sur 1,2-Dichloroethane-d4		88.4 %	52-1	49	"	#	"	n	
Surrogate: Toluene-d8		99.6 %	76-1	25	"	n	"	"	
Surrogate: 4-Bromofluorobenzene		98.0 %	66-1	45	Ħ	u	"	u	
BH-2 (5A19011-06) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	II	u	**	*	n	tt	
Ethylbenzene	ND	25.0	1f	v	u	"	11	#	
Xylene (p/m)	ND	25.0	u	11	**	w	n	w	
Xylene (o)	ND	25.0	и	н			**	u	
Surrogate: Dibromofluoromethane		103 %	70-1	39	"	u .	"	**	
Surrogate: 1,2-Dichloroethane-d4		91.4 %	52-1	49	#	"	"	"	
Surrogate: Toluene-d8		100 %	76-1	25	"	*	"	"	
Surrogate: 4-Bromofluorobenzene		97.0 %	66-1	45	n	n	n	**	



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Analyte	Result	Reporting Limit	Units	Dibrie-	Datah	December	Angless	Mathad	Nata
	Kesun	Lum	Omis	Dilution	Batch	Prepared	Analyzed	Method	Note
TS-1 (5A19011-07) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	11	u	n	"	**	11	
Ethylbenzene	ND	25.0	11	u	Ħ		**	*	
Xylene (p/m)	ND	25.0	"	u	**	11	u	п	
Xylene (o)	ND	25.0				"			······································
Surrogate: Dibromofluoromethane		104 %	70-1	39	"	,,	"	n	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	52-1	49	"	"	"	n	
Surrogate: Toluene-d8		99.6 %	76-1	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.8 %	66-1	45	п	**	u	"	
TW-1 (5A19011-08) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	**	*	n	**		u	
Ethylbenzene	ND	25.0	ea	75	W	**	w	et	
Xylene (p/m)	ND	25.0	n	**	а	**	U	и	
Xylene (o)	ND	25.0	11	#	n	in	41	"	
Surregate: Dibromofluoromethane		104 %	70-1	39	,,	"	"	n	
Sil : 1,2-Dichloroethane-d4		91.4 %	52-1	49	,,	n	"	"	
Surrogate: Toluene-d8		101 %	76-1	25	u	"	,,	"	
Surrogate: 4-Bromofluorobenzene		96.6 %	66-1	45	u	v	"	*	
BHT-1 (5A19011-09) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	Ħ	6		u	n	**	
Ethylbenzene	ND	25.0	н	•	u	n	n	to .	
Xylene (p/m)	ND	25.0	H	**	н	**	н		
Xylene (o)	ND	25.0	н		"		n	t+	
Surrogate: Dibromofluoromethane		103 %	70-	139	"	n	"	,,	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	52-	149	#	a a	**	"	
Surrogate: Toluene-d8		101 %	76-	125	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.6 %	66-	145	"	n	<i>n</i>	H	

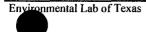
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TE-1 (5A19011-10) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/19/05	EPA 8260B	
Toluene	ND	25.0	H	н		11	u	**	
Ethylbenzene	ND	25.0	u u	и		n	tt.	**	
Xylene (p/m)	ND	25.0	μ	н	**	п	n	u	
Xylene (o)	ND	25.0	**	*		"		*	
Surrogate: Dibromofluoromethane		98.2 %	70-1	39	"	"	"	,,	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	52-1	49	"	"	"	,	
Surrogate: Toluene-d8		99.2 %	76-1	25	"	"	11	u	
Surrogate: 4-Bromofluorobenzene		95.6 %	66-1	45	n	"	"	"	
SP-1 & 2 (5A19011-11) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	n	11	"	II	u	u	
Ethylbenzene	ND	25.0	14	**	**	II	ü	10	
Xylene (p/m)	J [16.7]	25.0	11	#		u	11	n	j
Xylene (o)	ND	25.0	n .	n	"	u	"	п	
Surpente: Dibromofluoromethane		101 %	70-1	139	"	u	ıı	"	
Siles: 1,2-Dichloroethane-d4		89.4 %	52-1	149	,,	"	H	,,	
Surrogate: Toluene-d8		96.8 %	76-1	125	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	66-1	145	*	π	"	"	
SP-3 (5A19011-12) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	et .	н	11	Ü	U	"	
Ethylbenzene	ND	25.0	n	ч	u	u	u	u u	
Xylene (p/m)	29.6	25.0	ti		n		n		
Xylene (o)	ND	25.0		п				0	
Surrogate: Dibromofluoromethane		96.8 %	70-	139	"	,,	"	"	
Surrogate: 1,2-Dichloroethane-d4		89.6 %	52-	149	,,	"	"	"	
Surrogate: Toluene-d8		101 %	76-	125	"	u	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	66-	145	tt	n	"	H .	



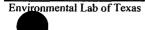
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Drangrad	Analyzed	Method	Note
SP-4A (5A19011-13) Soil	Kessii	Linit		Dilution	Batch	Prepared	Analyzed	Method	1900
						····			
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	**	n	a		u	e	
Ethylbenzene	ND	25.0	**	u	•	u	u	**	
Xylene (p/m)	ND	25.0	11	11	**	*		11	
Xylene (o)	ND	25.0	**	"		li .	"		
Surrogate: Dibromofluoromethane		97.0 %	70-1			"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90.4 %	52-1	149	"	"	"	"	
Surrogate: Toluene-d8		100 %	76-1	125	n	"	n	n	
Surrogate: 4-Bromofluorobenzene		94.4 %	66-1	145	u	"	u	"	
SP-4B (5A19011-14) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Foluene	ND	25.0	11	н		tt	•	и	
Ethylbenzene	ND	25.0	11	н	"		"	**	
Xylene (p/m)	ND	25.0	n	"	,		u		
Xylene (o)	ND	25.0		u	**	*	"	•	
Surrogate: Dibromofluoromethane		97.4 %	70-	139	"	"	"	,	
Su : 1,2-Dichloroethane-d4		89.2 %	52-	149	н	"	"	"	
Surrogate: Toluene-d8		98.4 %	76-	125	"	•	**	"	
Surrogate: 4-Bromofluorobenzene		95.0 %	66-	145	"	"	,,	u	
SP-5 (5A19011-15) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	**		u	**	n	n	
Ethylbenzene	ND	25.0	U	u	u	u	u	я	
Xylene (p/m)	ND	25.0	n	u	10	ıi	**	u	
Xylene (o)	ND	25.0	p	U	*	и	"	11	
Surrogate: Dibromofluoromethane		98.8 %	70-	139	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	52-	149	"	"		"	
Surrogate: Toluene-d8		101 %	76-	125	"	"	**	n	
Surrogate: 4-Bromofluorobenzene		98.0 %	66-	145	"	"	u	н	

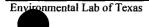


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Analyte CD ((7 + 100 t) 1 () 0 () 1	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-6 (5A19011-16) Soil				. <u></u>					
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	"	n	n	II.	"	II .	
Ethylbenzene	ND	25.0	"	n	**	n	11	"	
Xylene (p/m)	29.0	25.0		u	11	"	н	**	
Xylene (o)	38.8	25.0		"			**	н	<u>,</u>
Surrogate: Dibromofluoromethane		98.8 %	70-1	139	v	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		89.8 %	52-	149	"	,,	"	**	
Surrogate: Toluene-d8		100 %	76-	125	**	"	*	"	
Surrogate: 4-Bromofluorobenzene		98.8 %	66-	145	n	"	**	"	
SBH-1 3' (5A19011-17) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	u	u	u	11	ч	e	
Ethylbenzene	ND	25.0	n .	ø	U	n	n	u	
Xylene (p/m)	ND	25.0	11	ı	"	n	11	н	
Xylene (o)	ND	25.0	н	11	•	u	11	n	
Survegate: Dibromofluoromethane		93.2 %	70	139	"	11	"	"	
Si e: 1,2-Dichloroethane-d4		86.8 %	52	149	"	"	"	"	
Surrogate: Toluene-d8		97.8 %	76-	125	ı	n	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	66-	145	"	"	"	"	
SBH-2 3' (5A19011-18) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	"	11	**	u	**	n	
Ethylbenzene	194	25.0	**	If	n	**	u	Ħ	
Xylene (p/m)	674	25.0	u	**	**	u	u	"	
Xylene (o)	120	25.0	11	4	u	n	Ħ	11	
Surrogate: Dibromofluoromethane		102 %	70-	139	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		90.8 %	52-	149	"	u	"	"	
Surrogate: Toluene-d8		98.6 %	76-	125	27	n	11	H	
Surrogate: 4-Bromofluorobenzene		103 %	66-	145	"	"	u	n	



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Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SBH-3 3' (5A19011-19) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	"	u	n	11	ıı		
Ethylbenzene	ND	25.0	11	b	п	и	u	u	
Xylene (p/m)	ND	25.0	и	11	**	и	u u	n	
Xylene (o)	ND	25.0	**	11	u		(1		
Surrogate: Dibromofluoromethane		101 %	70-1	139	"	'n	"	"	
Surrogate: 1,2-Dichloroethane-d4		89.0 %	52-1	149	"	"	"	"	
Surrogate: Toluene-d8		102 %	76-1	125	•	**	"	"	
Surrogate: 4-Bromofluorobenzene		104 %	66-1	145	"	"	"	n	
SBH-4 3' (5A19011-20) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52003	01/19/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	*	•	11	"		н	
Ethylbenzene	ND	25.0	59	11	u	u	u	u	•
Xylene (p/m)	ND	25.0	II .	н	**	"	"	n	
Xylene (o)	ND	25.0	"	и	II .	11	"	п	
Surregate: Dibromofluoromethane		99.6 %	70-	139	"	"	,,	,,	
Silver: 1,2-Dichloroethane-d4		87.6 %	52-	149	"	"	,,	u	
Surrogate: Toluene-d8		102 %	7 6	125	"	,,	n	u	
Surrogate: 4-Bromofluorobenzene		98.0 %	66-	145	"	"	"	*	
SBH-5 1' (5A19011-21) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	u	ir	ŧ	н	u	11	
Ethylbenzene	ND	25.0	#	н	u	II	u		
Xylene (p/m)	J [23.3]	25.0	0	н	н	11	W	u	
Xylene (o)	ND	25.0	41	11	n	u	**	n	
Surrogate: Dibromofluoromethane		102 %	70-	139	"	"		"	-
Surrogate: 1,2-Dichloroethane-d4		89.6 %	52-	149	"	,,	"	,,	
Surrogate: Toluene-d8		102 %	76-	125	"	"	n	u	
Surrogate: 4-Bromofluorobenzene		100 %	66-	145	n	"	u		



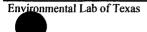
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SWW-1 2' (5A19011-22) Soil	- 1						<u> </u>		
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	11	u u	n	"	u	п	
Ethylbenzene	ND	25.0	11		n	11	н	u	
Xylene (p/m)	26.1	25.0	**	u	11	**	u	н	
Xylene (o)	ND	25.0	n	19	**	"	и	•	
Surrogate: Dibromofluoromethane		95.0 %	70-1	139	"	#	"	"	
Surrogate: 1,2-Dichloroethane-d4		88.6 %	52-1	149	"	"	"	"	
Surrogate: Toluene-d8		99.8 %	76-1	125	"	u	**	u	
Surrogate: 4-Bromofluorobenzene		96.4 %	66-1	145	"	#	n	,,	
SWW-2 2' (5A19011-23) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	"	и	"	11	ıı	u	
Ethylbenzene	ND	25.0	"	"	u	11	· ·	и	
Xylene (p/m)	ND	25.0	"	**	to to	•	u	n	
Xylene (o)	· ND	25.0	11	11	**	n	п	u	
Surregate: Dibromofluoromethane		97.2 %	70-	139	"	"	v	"	
Si 1,2-Dichloroethane-d4		90.0 %	52-	149	"	"	v	"	
Surrogate: Toluene-d8		102 %	76-	125	*	11	u	H	
Surrogate: 4-Bromofluorobenzene		96.2 %	66-	145	"	.,	и	н	
SWW-3 2' (5A19011-24) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	"		и	n	11	n	
Ethylbenzene	ND	25.0		n	0	ti .	11	u	
Xylene (p/m)	ND	25.0	11	**	u		•	**	
Xylene (o)	ND	25.0	**	•	n	•	11	n	
Surrogate: Dibromofluoromethane		94.8 %	70-	139	"	"	,,	a	
Surrogate: 1,2-Dichloroethane-d4		88.2 %	52-	149	u	"	μ	n	
Surrogate: Toluene-d8		99.8 %	76-	125	"	,,	"	W	
Surrogate: 4-Bromofluorobenzene		95.4 %	66-	145	"	"	H	#	

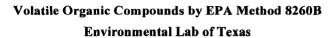


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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SEW-1 2' (5A19011-25) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	u	W	n	ss.	u	u	
Ethylbenzene	ND	25.0	п	41	•		n	*	
Xylene (p/m)	ND	25.0	u	te	*	u	**	ш	
Xylene (o)	ND	25.0	II .		14	II .	4		
Surrogate: Dibromofluoromethane		96.8 %	70-1	39	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		88.4 %	52-1	49	**	**	"	**	
Surrogate: Toluene-d8		99.0 %	76-1.	25	"	"	u	н	
Surrogate: 4-Bromofluorobenzene		97.6 %	66-1	45	n	"	"	"	
SEW-2 2' (5A19011-26) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	"	ц	o	11	n	U	
Ethylbenzene	ND	25.0	0	41	**	n		u	
Xylene (p/m)	ND	25.0	11	ii	"	u	,,,	•	
Xylene (o)	ND	25.0	**	11		II .	u	u	
Surregate: Dibromofluoromethane		96.4 %	70-1	39	"	"	"	"	
Su : 1,2-Dichloroethane-d4		88.8 %	52-1	49	"	"	u	n	
Surrogate: Toluene-d8		99.8 %	76-1	25	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		95.4 %	66-1	45	"	"	n	н	
SEW-3 2' (5A19011-27) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	q	н	u	**	и	и	
Ethylbenzene	ND	25.0	11	"	11	14	11	11	
Xylene (p/m)	ND	25.0			#	14	**	n	
Xylene (o)	ND	25.0		. 10	**	**	"	**	
Surrogate: Dibromofluoromethane		99.6 %	70-1	39	"	"	,,	"	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	52-1	49	"	"	"	"	
Surrogate: Toluene-d8		100 %	76-1	25	"	,,	*	"	
Surrogate: 4-Bromofluorobenzene		99.8 %	66-1	45		"	,,	"	

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Notes

Method

EPA 8260B

EPA 8260B

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas Reporting Analyte Result Limit Units Dilution Prepared Analyzed Batch NBH-1 2' (5A19011-28) Soil 01/20/05 01/20/05 Benzene ND 25.0 ug/kg dry EA52004 25 Toluene ND 25.0

25.0

25.0

25.0

102 %

91.8%

98.2 %

95.6%

25 0 ug/kg dry

ND

ND

ND

MD

NSW-1 2' (5A19011-29) Soil

Surrogate: Dibromofluoromethane

Surrogate: 1,2-Dichloroethane-d4

Surrogate: 4-Bromofluorobenzene

Surrogate: Toluene-d8

Ethylbenzene

Xylene (p/m)

Xylene (o)

Renzene

Denzene	ND	23.0	աց/ռց աւ ջ	23	EA32004	01/20/03	01/20/03	EFA 6200B	
Toluene	ND	25.0	**	#1	"		u	*	
Ethylbenzene	ND	25.0	li .	II	11	0	Ħ	v	
Xylene (p/m)	ND	25.0	n	tr	"	u	'n	n	
Xylene (o)	ND	25.0	10		11	**	u	11	
Surrecute: Dibromofluoromethane		100 %	70-1.	39	"	"	u	н	
Su : 1,2-Dichloroethane-d4		91.6%	52-1-	49	"	н	"	rt	
Surrogate: Toluene-d8		99.0 %	76-1.	25	"	,,	"	n	
Surrogate: 4-Bromofluorobenzene		93.4 %	66-1	45	"	u	"	п	

70-139

52-149

76-125

66-145

E 4 52004

01/20/05

01/20/05

CP-1 (5A19011-30) Soil

Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	ND	25.0	ıı	10	ıı	11	п	**	
Ethylbenzene	J [21.6]	25.0	n			4	u	n .	į
Xylene (p/m)	56.2	25.0	u	H	•	44	u	tr .	
Xylene (o)	J [23.1]	25.0	n	n	**	**	v	n	j
Surrogate: Dibromofluoromethane		98.4 %	70-139	1	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	52-149	ı	"	"	"	u	
Surrogate: Toluene-d8		101 %	76-125		"	"	**	н	
Surrogate: 4-Bromofluorobenzene		95.6 %	66-145		"	"	n	tt	

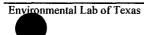
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Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
CP-2 (5A19011-31) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52004	01/20/05	01/20/05	EPA 8260B	
Toluene	J [17.0]	25.0	0		ш	u	н	n	J
Ethylbenzene	28.3	25.0	"	n	11	w		n	
Xylene (p/m)	71.8	25.0	u	u	**	u	u	11	
Xylene (o)	29.5	25.0		n	"	**	,	H	
Surrogate: Dibromofluoromethane		99.8 %	70-	139	"	"	"	11	
Surrogate: 1,2-Dichloroethane-d4		91.0 %	52-	149	"	"	n	n	
Surrogate: Toluene-d8		101 %	76-	125	*	u	"	u	
Surrogate: 4-Bromofluorobenzene		94.8 %	66-	145	n	n	n	n	

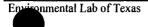


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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	r.yyun	Z.m.				/11.00	2111110		1211111	110103
Batch EA51901 - Solvent Extraction (GC)										
Blank (EA51901-BLK1)				Prepared &	k Analyzed:	01/19/05				
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	n							
Total Hydrocarbon C6-C35	ND	10.0								
Surrogate: I-Chlorooctane	38.0		mg/kg	50.0		76.0	70-130			
Surrogate: 1-Chlorooctadecane	36.4		"	50.0		72.8	70-130			
Blank (EA51901-BLK2)				Prepared:	01/19/05 A	nalyzed: 01	/20/05			
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	40.6		mg/kg	50.0		81.2	70-130			
Surrogate: 1-Chlorooctadecane	<i>37.9</i>		"	50.0		75.8	70-130			
LCS (EA51901-BS1)				Prepared &	& Analyzed:	01/19/05				
Gasoline Range Organics C6-C12	457	10.0	mg/kg wet	500		91.4	75-125			
Diesel Range Organics >C12-C35	451	10,0	**	500		90.2	75-125			
Total Hydrocarbon C6-C35	908	10.0	н	1000		90.8	75-125			
Surrogate: 1-Chlorooctane	43.5		mg/kg	50.0		87.0	70-130			
: I-Chlorooctadecane	36.5		"	50.0		73.0	70-130			
LCS (£A51901-BS2)				Prepared:	01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	469	10.0	mg/kg wet	500		93.8	75-125			
Diesel Range Organics >C12-C35	462	10.0	н	500		92.4	75-125			
Total Hydrocarbon C6-C35	931	10.0	н	1000		93.1	75-125			
Surrogate: 1-Chlorooctane	46.5		mg/kg	50.0		93.0	70-130			
Surrogate: 1-Chlorooctadecane	36.4		*	50.0		72.8	70-130			
Calibration Check (EA51901-CCV1)				Prepared &	& Analyzed	: 01/19/05				
Gasoline Range Organics C6-C12	443		mg/kg	500		88.6	80-120			
Diesel Range Organics >C12-C35	469		n	500		93.8	80-120			
Total Hydrocarbon C6-C35	912		u	1000		91.2	80-120			
Surrogate: 1-Chlorooctane	53.0		"	50.0		106	70-130	· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	41.1		"	50.0		82.2	70-130			



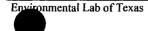
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		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EA51901 - Solvent Extraction (GC)										
Calibration Check (EA51901-CCV2)				Prepared: (01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	450		mg/kg	500		90,0	80-120			
Diesel Range Organics >C12-C35	564		41	500		113	80-120			
Total Hydrocarbon C6-C35	1010		4	1000		101	80-120			
Surrogate: 1-Chlorooctane	50.3		"	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	54.7		"	50.0		109	70-130			
Matrix Spike (EA51901-MS1)	Sou	rce: 5A19001	-06	Prepared &	k Analyzed:	01/19/05				
Gasoline Range Organics C6-C12	543	10.0	mg/kg dry	578	9.22	92.3	75-125			
Diesel Range Organics >C12-C35	648	10.0		578	24.7	108	75-125			
Total Hydrocarbon C6-C35	1190	10.0	u	1160	24.7	100	75-125			
Surrogate: 1-Chlorooctane	54.9		mg/kg	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	53.9		n	50.0		108	70-130			
Matrix Spike (EA51901-MS2)	Sou	rce: 5A19011	L-01	Prepared: (01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	510	10.0	mg/kg dry	554	ND	92.1	75-125			
Diesel Range Organics >C12-C35	543	10.0	u	554	16.1	95.1	75-125			
Total Hydrocarbon C6-C35	1050	10.0	11	1110	16.1	93.1	75-125			
Surrogate: 1-Chlorooctane	57.5		mg/kg	50.0		115	70-130			
Sur le: 1-Chlorooctadecane	49.0		"	50.0		98.0	70-130			
M. Spike Dup (EA51901-MSD1)	Sou	rce: 5A19001	1-06	Prepared &	k Analyzed:	01/19/05				
Gasoline Range Organics C6-C12	568	10.0	mg/kg dry	578	9.22	96.7	75-125	4.50	20	
Diesel Range Organics >C12-C35	654	10.0	"	578	24.7	109	75-125	0.922	20	
Total Hydrocarbon C6-C35	1220	10.0	н	1160	24.7	103	75-125	2.49	20	
Surrogate: I-Chlorooctane	58.7		mg/kg	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	53.6		"	50.0		107	70-130			
Matrix Spike Dup (EA51901-MSD2)	Sou	rce: 5A19011	1-01	Prepared:	01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	503	10.0	mg/kg dry	554	ND	90.8	75-125	1.38	20	
Diesel Range Organics >C12-C35	587	10.0	"	554	16.1	103	75-125	7.79	20	
Total Hydrocarbon C6-C35	1090	10.0	•	1110	16.1	96.7	75-125	3.74	20	
Surrogate: 1-Chlorooctane	57.6		mg/kg	50.0		115	70-130			
Surrogate: 1-Chlorooctadecane	52.5		n	50.0		105	70-130			



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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA51902 - Solvent Extraction (GC)										
Blank (EA51902-BLK1)				Prepared: 0)1/19/05 A	nalyzed: 01	/20/05			
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	H							
Surrogate: 1-Chlorooctane	38.1		mg/kg	50.0		76.2	70-130			
Surrogate: 1-Chlorooctadecane	37.0		n	50.0		74.0	70-130			
LCS (EA51902-BS1)				Prepared: (01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	462	10.0	mg/kg wet	500		92.4	75-125			
Diesel Range Organics >C12-C35	465	10.0	••	500		93.0	75-125			
Total Hydrocarbon C6-C35	927	10.0	u	1000		92.7	75-125			
Surrogate: 1-Chlorooctane	42.9		mg/kg	50.0		85.8	70-130		 -	
Surrogate: 1-Chlorooctadecane	35.3		"	50.0		70.6	70-130			
Calibration Check (EA51902-CCV1)				Prepared: (01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	468		mg/kg	500		93.6	80-120			
Diesel Range Organics >C12-C35	531			500		106	80-120			
Total Hydrocarbon C6-C35	999		11	1000		99.9	80-120			
Surrogate: 1-Chlorooctane	55.8		11	50.0		112	70-130			
se: 1-Chlorooctadecane	49.8		"	50.0		99.6	70-130			
Marrix Spike (EA51902-MS1)	Sou	rce: 5A19011	1-16	Prepared:	01/19/05 A	nalyzed: 01	/20/05			
Gasoline Range Organics C6-C12	531	10.0	mg/kg dry	591	ND	89.8	75-125			
Diesel Range Organics >C12-C35	618	10.0		591	ND	105	75-125			
Total Hydrocarbon C6-C35	1150	10.0	*	1180	ND	97.5	75-125			
Surrogate: 1-Chlorooctane	59.2	· · · · · · · · · · · · · · · · · · ·	mg/kg	50.0		118	70-130		***	
Surrogate: 1-Chlorooctadecane	56.2		,,	50.0		112	70-130			
Matrix Spike Dup (EA51902-MSD1)	Sou	rce: 5A1901	1-16	Prepared:	01/19/05 A	nalyzed: 01	1/20/05			
Gasoline Range Organics C6-C12	526	10.0	mg/kg dry	591	ND	89.0	75-125	0.946	20	
Diesel Range Organics >C12-C35	641	10.0	u	591	ND	108	75-125	3,65	20	
Total Hydrocarbon C6-C35	1170	10.0		1180	ND	99.2	75-125	1.72	20	
Surrogate: 1-Chlorooctane	59.1		mg/kg	50.0		118	70-130			
Surrogate: 1-Chlorooctadecane	54.6		"	50.0		109	70-130			

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General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EA51907 - General Preparation (Prep)										
Blank (EA51907-BLK1)				Prepared: 0	01/19/05 A	nalyzed: 01	/20/05			
% Moisture	0.001		%							
Duplicate (EA51907-DUP1)	Sour	ce: 5A19001-	01	Prepared: 0)1/19/05 A	nalyzed: 01	/20/05			
% Moisture	3.4		%		3.3			2.99	20	
Batch EA52006 - Water Extraction										
Blank (EA52006-BLK1)				Prepared &	Analyzed:	01/19/05				
Chloride	ND	20.0	mg/kg Wet							
Matrix Spike (EA52006-MS1)	Sour	ce: 5A19011-	-05	Prepared &	Analyzed:	01/19/05				
Chloride	638	20.0	mg/kg Wet	500	170	93.6	80-120			
Matrix Spike Dup (EA52006-MSD1)	Sour	ce: 5A19011	-05	Prepared &	Analyzed:	01/19/05				
Chloride	627	20.0	mg/kg Wet	500	170	91.4	80-120	1.74	20	
Reference (EA52006-SRM1)				Prepared &	k Analyzed:	01/19/05				
Chloride	5000		mg/kg	5000		100	80-120			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	TOSUK	Dillit	- Cinto	20101	resum	, orese				
Batch EA52003 - EPA 5030C (GCMS)										
Blank (EA52003-BLK1)				Prepared &	Analyzed:	01/19/05				
Benzene	ND	25.0	ug/kg wet							
Toluene	ND	25.0	11							
Ethylbenzene	ND	25.0	"							
Xylene (p/m)	ND	25.0	**							
Xylene (o)	ND	25,0								
Surrogate: Dibromofluoromethane	46.7		ug/kg	50.0		93.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	42.8		"	50.0		85.6	52-149			
Surrogate: Toluene-d8	49.0		u	50.0		98.0	76-125			
Surrogate: 4-Bromofluorobenzene	48.6		,,	50.0		97.2	66-145			
LCS (EA52003-BS1)				Prepared &	k Analyzed	01/19/05				
Benzene	58.3		ug/kg	50.0		117	70-130			
Toluene	58.4		u	50.0		117	70-130			
Ethylbenzene	55.6			50.0		111	70-130			
Xylene (p/m)	95.0		,	100		95.0	70-130			
Xylene (o)	60.0		"	50.0		120	70-130			
Surrogate: Dibromofluoromethane	49.8		"	50.0		99.6	70-139			
Surrogate: 1,2-Dichloroethane-d4	45.9		n	50.0		91.8	52-149			
ate: Toluene-d8	52.4		"	50.0		105	76-125			
Smogate: 4-Bromofluorobenzene	47.6		"	50.0		95.2	66-145			
Calibration Check (EA52003-CCV1)				Prepared &	& Analyzed	: 01/19/05				
Benzene	61.0		ug/kg	50.0		122	70-130			
Toluene	57.7		"	50.0		115	70-130			
Ethylbenzene	54.5		"	50.0		109	70-130			
Xylene (p/m)	93.1		11	100		93.1	70-130			
Xylene (o)	59.3		u	50.0		119	70-130			
Surrogate: Dibromofluoromethane	51.3		"	50.0		103	70-139			
Surrogate: 1,2-Dichloroethane-d4	47.2		tt	50.0		94.4	52-149			
Surrogate: Toluene-d8	50.8		#	50.0		102	76-125			
Surrogate: 4-Bromofluorobenzene	47.8		"	50.0		95.6	66-145			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA52003 - EPA 5030C (GCMS)										
Matrix Spike (EA52003-MS1)	Sou	rce: 5A19011	-12	Prepared: (01/19/05 A	nalyzed: 01	/20/05			
Benzene	1420		ug/kg	1250	ND	114	70-130			
Гоluene	1420		**	1250	ND	114	70-130			
Ethylbenzene	1410		•	1250	ND	113	70-130			
Xylene (p/m)	2640		**	2500	25.5	105	70-130			
Xylene (o)	1460			1250	ND	117	70-130			
Surrogate: Dibromofluoromethane	47.2	· · · · · · · · · · · · · · · · · · ·	"	50.0		94.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	47.2		"	50.0		94.4	52-149			
Surrogate: Toluene-d8	50.9			50.0		102	76-125			
Surrogate: 4-Bromofluorobenzene	47.3		"	50.0		94.6	66-145			
Matrix Spike Dup (EA52003-MSD1)	Sou	rce: 5A19011	-12	Prepared: (01/19/05 A	nalyzed: 01	/20/05			
Benzene	1440		ug/kg	1250	ND	115	70-130	0.873	20	
Toluene	1430		*	1250	ND	114	70-130	0.00	20	
Ethylbenzene	1400		•	1250	ND	112	70-130	0.889	20	
Xylene (p/m)	2450		"	2500	25.5	97.0	70-130	7.92	20	
Xylene (o)	1520		"	1250	ND	122	70-130	4.18	20	
Surrogate: Dibromofluoromethane	48.0		"	50.0		96.0	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.0		"	50.0		92.0	52-149			
te: Toluene-d8	51.3		"	50.0		103	76-125			
cate: 4-Bromofluorobenzene	47.1		"	50.0		94.2	66-145			
Batch EA52004 - EPA 5030C (GCMS)										
Blank (EA52004-BLK1)				Prepared &	k Analyzed	: 01/20/05				
Benzene	ND	25.0	ug/kg wet					-		
Toluene	ND	25,0	II .							
Ethylbenzene	ND	25.0	**							
Xylene (p/m)	ND	25.0	**							
Xylene (o)	ND	25.0	u							
Surrogate: Dibromofluoromethane	47.0		ug/kg	50.0		94.0	70-139			
Surrogate: 1,2-Dichloroethane-d4	43.1		"	50.0		86.2	52-149			
Surrogate: Toluene-d8	50.2		"	50.0		100	76-125			
Surrogate: 4-Bromofluorobenzene	48.3		"	50.0		96.6	66-145			

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Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA52004 - EPA 5030C (GCMS)										
LCS (EA52004-BS1)				Prepared &	Analyzed:	01/20/05		-		
Benzene	58.5		ug/kg	50.0	 	117	70-130			
Foluene	57.9		u	50.0		116	70-130			
Ethylbenzene	54.5		**	50.0		109	70-130			
Xylene (p/m)	95.2		н	100		95.2	70-130			
Xylene (o)	59.3		**	50.0		119	70-130			
Surrogate: Dibromofluoromethane	51.0		ii	50.0		102	70-139			
Surrogate: 1,2-Dichloroethane-d4	45.6		"	50.0		91.2	52-149			
Surrogate: Toluene-d8	52.2		,,	50.0		104	76-125			
Surrogate: 4-Bromofluorobenzene	48.1		#	50.0		96.2	66-145			
Calibration Check (EA52004-CCV1)				Prepared &	k Analyzed	01/20/05				
Benzene	60.5		ug/kg	50.0		. 121	70-130			
Toluene	57.1		"	50.0		114	70-130			
Ethylbenzene	53.8		"	50.0		108	70-130			
Xylene (p/m)	93.3		n	100		93.3	70-130			
Xylene (o)	58.9		**	50.0		118	70-130			
Surrogate: Dibromofluoromethane	51.9		"	50.0		104	70-139			
Surrogate: 1,2-Dichloroethane-d4	45.5		"	50.0		91.0	52-149			
ute: Toluene-d8	51.2		"	50.0		102	76-125			
gate: 4-Bromofluorobenzene	48.9		,,	50.0		97.8	66-145			
Matrix Spike (EA52004-MS1)	Sou	ırce: 5A19011	-21	Prepared &	& Analyzed	: 01/20/05				
Benzene	1430		ug/kg	1250	ND	114	70-130			
Toluene	1420		**	1250	ND	114	70-130			
Ethylbenzene	1400		**	1250	ND	112	70-130			
Xylene (p/m)	2450		H	2500	21.2	97.2	70-130			
Xylene (o)	1490		11	1250	ND	119	70-130			
Surrogate: Dibromofluoromethane	47.4		"	50.0		94.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	44.6		"	50.0		89.2	52-149			
Surrogate: Toluene-d8	50.7		"	50.0		101	76-125			
Surrogate: 4-Bromofluorobenzene	46.0		"	50.0		92.0	66-145			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/23/05 11:34

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	1
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch EA52004 - EPA 5030C (GCMS)

Matrix Spike Dup (EA52004-MSD1) Benzene	Source: 5.	Source: 5A19011-21			01/20/05				
	1440	ug/kg	1250	ND	115	70-130	70-130 0.873	20	
Toluene	1420	**	1250	ND	114	70-130	0.00	20	
Ethylbenzene	1370		1250	ND	110	70-130	1.80	20	
Xylene (p/m)	2380	п	2500	21.2	94.4	70-130	2.92	20	
Xylene (o)	1480	u	1250	ИD	118	70-130	0.844	20	
Surrogate: Dibromofluoromethane	49.8	"	50.0		99.6	70-139		····	
Surrogate: 1,2-Dichloroethane-d4	45.4	"	50.0		90.8	52-149			
Surrogate: Taluene-d8	52.2	"	50.0		10≠	76-125			
Surrogate: 4-Bromofluorobenzene	47.3	,,	50.0		94.6	66-145			



Plains All American EH & S
Project: Arco Getty
Fax: (432) 687-4914
1301 S. County Road 1150
Project Number: 2001-10849
Midland TX, 79706-4476
Project Manager: Camille Reynolds
O1/23/05 11:34

Notes and Definitions

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

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

LCS Laboratory Control Spike

MS Matrix Spike

Dup Duplicate

Deviced Assessed Devi	Raland	K Julis
Danaet Anneauad Dan		

Date:

1/23/2005

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.

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

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

CHAIN OF CUSTODY RECORD Atlanta Office 2855 Preniero Perkway, Suite C Puluth, Georgia 20097 (770) 623-0755 Fax (770) 623-9528 Temp. of coolers 0,5 BH-1 Chlorida 402 gless on ice Vsecil Lab Sample 10 (Lab Use Only) Page 1 of 4 þ β þ 90 ç इ ļ 9 Lab use only 5A 19011 -01 Due Date: Jill: Plesus Crmilk Roymolds hold for forther Austin Office 5307 Industrial Orke Blvd. # 160 Austin, Texas 78735 (512) 142-1122 Fax (512) 142-1181 ō St. - sludge 1PH (8015) BTEK (8260B) Ch locide NOTES: ENVIRONMENTAL, CROTECTINICAL AND CONSTRUCTION MATERIALS SERVICES ANALYSIS REQUESTED , A STONEY Time: C - Charooal tube P/O - Plastic or other Time: Fur Worth Office 2601 Gawel Drive Fur Worth, Texas 76118 (817) 208-5000 Fax (817) 268-8602 350 1457 m (Class) Date: Date: No/Type of Containers L - Liquid A - Air Bag 250 ml - Glass wide mouth \$ = Time: Redeived by: (Signature) Received by: (Signature) ş Received by: (Signature) PO/SO#: 2001-10849 identifying Marks of Sample(s) Laboratory: ££07 Dallas Office 890) Carpenter Freeway, Suite 100 Dallas, Texas 72547 (214) 630-1010 Pax (214) 630-7070 Sampler's Signature W - Water S - Soil SD - Soild A/G - Amber / Or Glass 1 Liter ☐ 100% Rush Address:_ Phone: Contact: Time: Time 120++4 SW-2 BH-2 BH - 1 1 E - 1 18-JW-1 NE-5w-1 27 - TE Midland TX 79701 Suite 300 Date; Consulting Engineers & Scientists Office Location 110 to Louis and Date: Branden Wilson Project Name Project Manager Shanus Smith Sampler's Name 557-10.09 2000 Turn around time Houston Office 11555 Clay Road. Suite 100 Houston, Texas 77043 (713) 690-8787 WW - Wastewater VCA - 40 ml vnal 12:48m 1/8/05 17:US 12.50 12:55pm 12:57 S. 1. C5gm 100m Reinquished by (Signature) Refinquished by (Signature) 1.15pm Time 2001-10849 Date Matrix Container Matrix G

人名英格里斯里克曼 经本门的

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CHAIN OF CUSTODY RECORD Atlanta Olika: 2855 Premiere Parkway, Salte C Dututh, Georgia 20097 (770) 622-0755 Pax (770) 623-9628 Hoz glass onice Vswik Temp. of coolers when received (C*): 0.5 Page 2 of 4 Lab Semple ID (Lab Use Only) 5A19011 - 11 5 2 Lab use only 5 <u>و</u> ا Due Date: Bill: Plains Toz Camilla Regnolds Hold for firster analysiss Austin Office 5307 Industrial Obes Bivd. # 160 Austin, Texas 78735 (\$12) 442-1122 - Fax (\$12) 442-1181 8 EX (85008) BEX (8505) HdI St. · sludge NOTES: ENVIRONMENTAL, GEOTECHNICAL AND CONSTRUCTION MATERIALS SURVICES REQUESTED 1/2 08 7:15 Time: Date: 1045 ANALYSIS Time: Fort Worth Office 2601 Gravel Drive Fort Worth, Texas 76118 (817) 245-8000 Fax (817) 268-8602 der Gloss Date: 3 No/Type of Containers g e W - Water S - Soil SD - Soild L - Liquid A - Air Bag A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth Ş= Date, Time: Received by (Signature)

Date, Time: Received by: (Signature)

Option: Time: Received by: (Signature)

Date: Time: Received by: (Signature) ğ PO/SO#: 2001 - 10849 Received by: (Signature) Laboratory: EUT Dallas Offlice 8901 Carpenter Freeway, Suite 100 Dallas, Texas 75247 (214) G30-1010 Fax (214) G30 7070 Sampler's Signature ☐ 100% Rush Address: Contact: Phone: Time: 50-1-25 50-4B Sp - 6 4rs 00+ts 80-5 ☐ 50% Rush Office Location 1101. Louis igner Micked TX 79701 Suite 300 Consulting Engineers & Scientists Project Manager Shanna Smith Dale Branden W, San Turn around time D Normal Huustan Office 11555 Chy Road, Saice 100 Houstrat. Texas 77043 (713) 690-8989 Fax (713) 690-8787 N I DEMO WW - Wastewater VOA - 40 ml vial Relipquished by (Signature) 345 1338 Relinguished by (Signatura) elinquished by (Signature) Relinquished by (Signature) 1356 S 1/18/05 B30 Time 38. 2001-10849 11860 Sampler's Name Date Matrix

CHAIN OF CUSTODY RECORD Atlanta Office 2855 Premiere Parkwy, Suire C Duluth, Georgia 30097 (770) 622-0755 Fea (770) 622-9628 Temp. of coolers when received (C*): 0,5 Hozgiess on ice "seeil Page 3 of 4 Lab Sample ID (Lab Use Only) 2 3 4 hold for further chloride analyses -25 컭 ż -23 য় Lab use only Due Date: 5A19011 - 17 ğ 5 -20 ঢ় Bill: Plains Hozges Canilla Reynolds Austin Office 5307 Industrial Oaks Bivd. # 160 Austin, Texas 18735 (512) 442-1122 Fax (512) 442-1181 9 SL · sludge NOTES ENVIRONMENTAL, GEOTISCHNICAL AND CONSTRUCTION MATERIALS SERVICES REQUESTED Date: 1.15
Date: Time: 1-19-25
Time: W.Water S. Soil SD-Soild L.-Liquid A.-Air Bag C.-Charocal tube A/G.-Amber / Or Glass 1 Litor 250 ml - Glass wide mouth P/O - Plastic or other. ANALYSIS Time: 19.61 Fort Worth Office 2601 Gravel Drive Furt Worth, Teast 76118 (317) 268-8600 Fux (817) 208-8602 Date: 85.E \$2.E \$3.E \$3.E \$3.E No/Type of Containers P A Date: Time: Heceived by: (signature)

Date: Time: Réceived by: (Signature) PO/SO#: 2001 -10849 ğ Received by: (Signature) Received by: (Signature) ل ال 'n M m <u>-</u> ~ 7 ā ñ Dallas Office 8901 Carpener Precway, Suite 100 Dallas, Texas 723-7 (214) 639-1010. Fax (214) 639-7070 Sampler's Signature 2 / C) 100% Rush Laboratory: Address: Phone: Contact: 7 <u>,</u> 12 6-0W2 4 Time; 584-3 3t 6 **"**M V SBW-1 3 ARCO-G2++2 Sew- 2 2-MM5 5ww-1 SBH-2 San- 1 SOH-S SB11-4 Date: Date: Consulting Engineers & Scientists Project Manager Shawar Sm. איירי Office Location Midle of TX Project Name Shanne Smill Turn around time Mormat WW - Wastewater VOA - 40 ml vial Relinquished by (Signature) Refinduished by (Signature) Houston Office 11555 Chy Road, Suite 100 Bouston, Texas 77043 (713) 690-8989 Fax (713) 690-8787 Refinquished by (Signature) 18/05 1225 230 <u>क्</u>रिक 1322 1328 Time 1228 230 Syca 315 94047622 Sampler's Name Date Proj. No. Matrix

Atlanta Office 2855 Premiere Parkwey, Suite C Duluth, Gevegia 30097 (770) 625-0755 Fax (770) 622-9628 CHAIN OF CUSTODY RECORD Temp. of coolers when received (C'): & S 402 glass on ice "/Seci 2 3 4 5 Page 4 of 4 Lab Sample ID (Lab Use Only) Lab use only Due Date: 52-30 5419011-27 F Fill: Fleins 'reynolds Hold for further chlorides Austin Office 5307 ladustrial Oaks Blvd. # 160 Austin, Texas 78735 (5/2) 442-1122 Far (5/2) 442-118) 10 · O St. · studge NOTES ENVIRONMENTAL, GEOTFCHNICAL AND CONSTRUCTION MATERIALS SERVICES ANALYSIS REQUESTED / Date: 1.1.5

1.19-20, 2.1.5

Date: Time: 1.19-20 X 80928 103 Hdj W - Water S - Soil SD - Soild L - Liquid A - Air Bag C - Charcocal tube A/G - Amber / Or Glass 1 Liter 250 ml - Glass wide mouth P/O - Plastic or other ×× <u>Time</u> 18/45 1902 Fort Worth Office 240) Gravel Drive Fort Worth, Texas 76118 (817) 268-5600, Frn (817) 268-8602 No/fype of Containers Date: Time: Received by: (Signature)

MACO Time: Received by: (Signature)

Medical Color of the \$± ğ Received by: (Signature) PO/SO #: 1001-10849 6 4 Laboratory: ELOT Dallas Office 1901 Carpenter Freeway, Suite 100 Dallas, Texas 75247 (214) 630-1010 Fax (214) 130-7070 Sempler's Signature O 50% Rush O 100% Rush Address: Contact: Phone: ū -ime Date: Time: (//k//cg: /902 ARCO Gothy SEW - 33 NSM-1 NGH-1 2-2 -0 Consulting Engineers & Scientists Project Manager_Shunk Smith Project Name Office Location Midle of TK Showin South Turn around time Normal Helipquished by (Signature) OoEn Hauston Office 11555 Clay Road, Suire 100 Houston, Texas 77043 (713) 690-8988 Fax (713) 690-8787 WW - Wastewater VOA - 40 ml vial Sejinquished by (Sigpature) 18/05 1335 건된 Relinquished by (Signature) 1410 1350 1355 9 4647622 Sampler's Name Matrix Date Matrix Container Proj. No.

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

Client: Plains P/L				
Date/Time: 01-19-05@1045				
Order #: 5A19011				·
Initials: JMM				
Sample Receipt	Checkli	ist		
Temperature of container/cooler?	Ves		0.5° C	
Shipping container/cooler in good condition?	(Yes)			
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	(Yes)	No	Not present	
Chain of custody present?	(Yes)	No		
Sample Instructions complete on Chain of Custody?	(Yes)	No		
Chain of Custody signed when relinquished and received?	(Yes)	No		
Chain of custody agrees with sample label(s)	(Yes)	No		
Container labels legible and intact?	(Yes)	No		
Sample Matrix and properties same as on chain of custody? Samples in proper container/bottle?	Yes)	No		
Samples properly preserved?	(Yes)	No No		
Sample bottles intact?	(Yes)	No		
Preservations documented on Chain of Custody?	res	No		
Containers documented on Chain of Custody?	(A)	No		
Sufficient sample amount for Indicated test?	(Yes			
All samples received within sufficient hold time?	Yes	No		
VOC samples have zero headspace?	(Yes	No	Not Applicable	
Other observations:				
Variance Docum Contact Person: Date/Time: Regarding:	entatio	n:	Contacted by:	
Corrective Action Taken:				
				
			·····	····
		· · · · · · · · · · · · · · · · · · ·		

The Mark the Committee of the Committee



Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5A21003

Report Date: 01/26/05

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/26/05 16:18

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SNW-1 2'	5A21003-01	Soil	01/19/05 07:36	01/21/05 08:50

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/26/05 16:18

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SNW-1 2' (5A21003-01) Soil			·· ···································						
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52110	01/21/05	01/21/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n	**	н	"	a	и	
Total Hydrocarbon C6-C35	ND	10.0	н	н	и	ıı	er er	H	
Surrogate: 1-Chlorooctane		118 %	70-13	30	"	"	n	n	•
Surrogate: 1-Chlorooctadecane		123 %	70-1.	30	**	"	"	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/26/05 16:18

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SNW-1 2' (5A21003-01) Soil									
% Moisture	14.1		%	1	EA52405	01/21/05	01/24/05	% calculation	

Project: Arco Getty Project Number: 2001-10849 Project Manager: Camille Reynolds

Reported:

01/26/05 16:18

Fax: (432) 687-4914

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units						
SNW-1 2' (5A21003-01) Soil	Result	Cimi		Dilution	Batch	Prepared	Analyzed	Method	Notes
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	•		ti.	u	и		
Ethylbenzene	ND	25.0	u		ıı		11	**	
Xylene (p/m)	ND	25.0		n	ıı	n	11		
Xylene (o)	ND	25.0	n		•	u	**	n	
Surrogate: Dibromofluoromethane		90.8 %	70-	139	,	"	μ	"	
Surrogate: 1,2-Dichloroethane-d4		84.0 %	52-	149	n	n	r	"	
Surrogate: Toluene-d8		98.4 %	76-	125	"	"	"	u	
Surrogate: 4-Bromofluorobenzene		98.6 %	66-	145	"	"	n	**	

Project: Arco Getty
Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/26/05 16:18

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA52110 - Solvent Extraction (GC)										
Blank (EA52110-BLK1)				Prepared &	Analyzed:	01/21/05				
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	19							
Surrogate: 1-Chlorooctane	41.7		mg/kg	50.0		83.4	70-130			
Surrogate: 1-Chlorooctadecane	46.9		"	50.0		93.8	70-130			
LCS (EA52110-BS1)				Prepared &	z Analyzed:	01/21/05				
Gasoline Range Organics C6-C12	448	10.0	mg/kg wet	500		89.6	75-125			
Diesel Range Organics >C12-C35	545	10.0	u	500		109	75-125			
Total Hydrocarbon C6-C35	993	10.0	11	1000		99.3	75-125			
Surrogate: 1-Chlorooctane	51.8		mg/kg	50.0		104	70-130			
Surrogate: 1-Chlorooctadecane	49.7		**	50.0		99.4	70-130			
Calibration Check (EA52110-CCV1)				Prepared &	k Analyzed:	01/21/05				
Gasoline Range Organics C6-C12	441		mg/kg	500		88.2	80-120			
Diesel Range Organics >C12-C35	539		li .	500		108	80-120			
Total Hydrocarbon C6-C35	980		11	1000		98.0	80-120			
Surrogate: 1-Chlorooctane	50.0		"	50.0		100	70-130			
Surrogate: 1-Chlorooctadecane	43.7		n	50.0		87.4	70-130			
Matrix Spike (EA52110-MS1)	Sou	rce: 5A2100:	3-01	Prepared &	& Analyzed	01/21/05				
Gasoline Range Organics C6-C12	530	10.0	mg/kg dry	582	ND	91.1	75-125			
Diesel Range Organics >C12-C35	600	10.0	n	582	ND	103	75-125			
Total Hydrocarbon C6-C35	1130	10.0		1160	ND	97.4	75-125			
Surrogate: 1-Chlorooctane	58.9		mg/kg	50.0		118	70-130			
Surrogate: 1-Chlorooctadecane	57.6		"	50.0		115	70-130			
Matrix Spike Dup (EA52110-MSD1)	Sou	rce: 5A2100	3-01	Prepared &	& Analyzed	: 01/21/05				
Gasoline Range Organics C6-C12	520	10.0	mg/kg dry	582	ND	89.3	75-125	1.90	20	
Diesel Range Organics >C12-C35	603	10.0	•	582	ND	104	75-125	0.499	20	
Total Hydrocarbon C6-C35	1120	10.0	u	1160	ND	96.6	75-125	0.889	20	
Surrogate: 1-Chlorooctane	59.7		mg/kg	50.0		119	70-130			
Surrogate: 1-Chlorooctadecane	58. I		"	50.0		116	70-130			

% Moisture

Project: Arco Getty

Project Number: 2001-10849

Project Manager: Camille Reynolds

7.2

Fax: (432) 687-4914

Reported: 01/26/05 16:18

1.38

20

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 EA52405 - General Preparation (Prep)										
Blank (EA52405-BLK1)				Prepared: (01/21/05 A	nalyzed: 01	/24/05			
% Moisture	0.001		%							
Duplicate (EA52405-DUP1)	Source: 5A21002-01 Prepared: 01/21/05 Analyzed: 01/24/05									

7.3

Project: Arco Getty
Project Number: 2001-10849

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/26/05 16:18

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EA52508 - EPA 5030C (GCMS)										
Biank (EA52508-BLK1)				Prepared &	k Analyzed:	01/25/05				
Benzene	ND	25.0	ug/kg wet							
Toluene	ND	25.0	h							
Ethylbenzene	ND	25.0	"							
(ylene (p/m)	ND	25.0	11							
Kylene (o)	ND	25.0	tt							
Surrogate: Dibromofluoromethane	45.9		ug/kg	50.0		91.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	42.2		"	50.0		84.4	52-149			
Surrogate: Toluene-d8	49.1		"	50.0		98.2	76-125			
Surrogate: 4-Bromofluorobenzene	48.9		"	50.0		97.8	66-145			
LCS (EA52508-BS1)				Prepared &	k Analyzed:	01/25/05				
denzene	57.1		ug/kg	50.0		114	70-130			
Coluene	56.1		ti	50.0		112	70-130			
Ethylbenzene	53.1			50.0		106	70-130			
Xylene (p/m)	90.7		11	100		90.7	70-130			
Xylene (o)	58.4		•	50.0		117	70-130			
Surrogate: Dibromofluoromethane	49.0		н	50.0		98.0	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.0		"	50.0		92.0	52-149			
rogate: Toluene-d8	52.6		"	50.0		105	76-125			
rogate: 4-Bromofluorobenzene	48.7		"	50.0		97.4	66-145			
Calibration Check (EA52508-CCV1)				Prepared &	& Analyzed:	01/25/05				
Benzene	59.6		ug/kg	50.0		119	70-130			
Toluene	55.4		u	50.0		111	70-130			
Ethylbenzene	51.8		11	50.0		104	70-130			
Xylene (p/m)	88.7		u	100		88.7	70-130			
Xylene (o)	55.9		n	50.0		112	70-130			
Surrogate: Dibromofluoromethane	51.9		#	50.0		104	70-139			
Surrogate: 1,2-Dichloroethane-d4	47.9		"	50.0		95.8	52-149			
Surrogate: Toluene-d8	52.0		u	50.0		104	76-125			
Surrogate: 4-Bromofluorobenzene	50.3		"	50.0		101	66-145			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/26/05 16:18

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA52508 - EPA 5030C (GCMS)										
Matrix Spike (EA52508-MS1)	Source	e: 5A21003-0	01	Prepared &	Analyzed:	01/25/05				
Benzene	1410		ug/kg	1250	ND	113	70-130			
Toluene	1370		е .	1250	ND	110	70-130			
Ethylbenzene	1300		ıı	1250	ND	104	70-130			
Xylene (p/m)	2320		19	2500	ND	92.8	70-130			
Xylene (o)	1410		e	1250	ND	113	70-130			
Surrogate: Dibromofluoromethane	48.8		,,	50.0		97.6	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.1		"	50.0		92.2	52-149			
Surrogate: Toluene-d8	51.4		"	50.0		103	76-125			
Surrogate: 4-Bromofluorobenzene	47.7		"	50.0		95.4	66-145			
Matrix Spike Dup (EA52508-MSD1)	Sour	ce: 5A21003-	01	Prepared & Analyzed: 01/25/05						
Benzene	1400		ug/kg	1250	ND	112	70-130	0.889	20	
Toluene	1370		и	1250	ND	110	70-130	0.00	20	
Ethylbenzene	1290		,,	1250	ND	103	70-130	0.966	20	
Xylene (p/m)	2240		и	2500	ND	89.6	70-130	3.51	20	
Xylene (o)	1410		u	1250	ND	113	70-130	0.00	20	
Surrogate: Dibromofluoromethane	49.4		"	50.0		98.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	45.4		"	50.0		90.8	52-149			
ate: Toluene-d8	52.1		ţe.	50.0		104	76-125			
ate: 4-Bromofluorobenzene	47.8		"	50.0		95.6	66-145			

Project: Arco Getty
Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/26/05 16:18

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:

Cely D. Kune

1/26/2005

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.

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

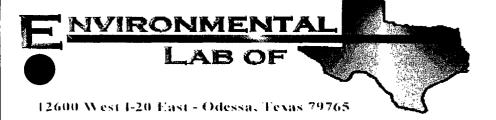
If you have received this material in error, please notify us immediately at 432-563-1800.

 $_{i_{1}}\in \mathcal{A}_{i_{1}}^{i_{2}}$

. b.

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

Client: Plains P/L				
Date/Time: <u>01-21-05 @ 0850</u>				
Order #: 5A 21003				
Initials: JMM				
Sample Receip	t Chackli	iet	•	
Temperature of container/cooler?	(Yes	No	0.5 · c	7
Shipping container/cooler in good condition?	Ves		0.5	1
Custody Seals intact on shipping container/cooler?	Yes	No	(Not present)	1
Custody Seals intact on sample bottles?	Yes	No	Not present.	1
Chain of custody present?	Yes	No	avor present	1
Sample Instructions complete on Chain of Custody?	res	No	<u> </u>	-
Chain of Custody signed when relinquished and received?	(Yes)	No	<u> </u>	1
Chain of custody agrees with sample label(s)	Yes	No	Notabel-writter	lon lid
Container labels legible and intact?	Yes	No	Aplabel witten	
Sample Matrix and properties same as on chain of custody?	(Yes)	No	Werterse, manuel	tour of
Samples in proper container/bottle?	(Yes)	No	 	1
	(Yes			-
Samples properly preserved?	أستناهم يسرنيون أحدد	No	<u> </u>	4
Sample bottles intact?	(Yes	No	 	4
Preservations documented on Chain of Custody?	(Yes)	No		4
Containers documented on Chain of Custody?	Yes	No		-
Sufficient sample amount for indicated test?	Yes	No		1
All samples received within sufficient hold time?	(Yes)	No_		-[
VOC samples have zero headspace?	Yes	No	Not Applicable	}
Other observations: Variance Document Contact Person: Date/Time: Regarding:	mentatio	on:	Contacted by:	
Corrective Action Taken:				



Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5A25019

Report Date: 01/31/05

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/31/05 11:07

ANALYTICAL REPORT FOR SAMPLES

Sample 1D	Laboratory 1D	Matrix	Date Sampled	Date Received
NW-1 5'	5A25019-01	Soil	01/24/05 11:39	01/25/05 08:10
NW-1 15'	5A25019-02	Soil	01/24/05 11:41	01/25/05 08:10
WW-1 5'	5A25019-03	Soil	01/24/05 11:43	01/25/05 08:10
WW-1 15'	5A25019-04	Soil	01/24/05 11:45	01/25/05 08:10
EW-1 5'	5A25019-05	Soil	01/24/05 11:51	01/25/05 08:10
EW-1 15'	5A25019-06	Soil	01/24/05 11:55	01/25/05 08:10
SW-1 5'	5A25019-07	Soil	01/24/05 12:05	01/25/05 08:10
SW-1 15'	5A25019-08	Soil	01/24/05 12:10	01/25/05 08:10
NBH-1 20'	5A25019-09	Soil	01/24/05 12:15	01/25/05 08:10
SP-7	5A25019-10	Soil	01/24/05 14:34	01/25/05 08:10
SP-8	5A25019-11	Soil	01/24/05 14:40	01/25/05 08:10

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/31/05 11:07



Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW-1 5' (5A25019-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n			u	**	11	
Total Hydrocarbon C6-C35	ND	10.0	11	11	**	н	4	4	
Surrogate: 1-Chlorooctane		106 %	70-1	30	"	,,	n	"	
Surrogate: 1-Chlorooctadecane		109 %	70-1	30	ø	"	,,	н	
NW-1 15' (5A25019-02) Soil									
Gasoline Range Organics C6-C12	J [7.16]	10.0	mg/kg dry	1	EA52504	01/25/05	01/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	21.8	10.0	н	10	**	u	"		
Total Hydrocarbon C6-C35	21.8	10.0	11						
Surrogate: 1-Chlorooctane		89.0 %	70-1.	30	н	tr .	u	"	
Surrogate: 1-Chlorooctadecane		91.2 %	70-1.	30	"	#	,,	**	
WW-1 5' (5A25019-03) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	п	n	11	"	11	
Total ydrocarbon C6-C35	ND	10.0	п	**	u	n	a	n	
S. ate: I-Chlorooctane		84.8 %	70-1.	30	,,	"	н	n	
Surrogate: 1-Chlorooctadecane		92.2 %	70-1.	30	"	"	"	n	
WW-1 15' (5A25019-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	**	n	u		"	
Total Hydrocarbon C6-C35	ND	10.0		U		**	u	u	
Surrogate: 1-Chlorooctane		72.0 %	70-1	30	"	"	n n	n	
Surrogate: 1-Chlorooctadecane		74.8 %	70-1	30	u	H	"	n	
EW-1 5' (5A25019-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	l	EA52504	01/25/05	01/28/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	n	п	и	**	n	
Total Hydrocarbon C6-C35	ND	10.0	11	11			91		
Surrogate: 1-Chlorooctane		101 %	70-1	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		106 %	70-1	30		ii .	n	tt .	

Environmental Lab of Texas

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

Page 2 of 14

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

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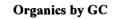
Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Mathod	Note
EW-1 15' (5A25019-06) Soil				Dilution	Daten	riepaieu	Allalyzeu	Method	Note
Gasoline Range Organics C6-C12	Y (6 00)	10.0	mo/ko da					EPA 8015M	
0 0	J [6.09] 42.1	10.0 10.0	mg/kg dry	i	EA52504	01/25/05	01/29/05	EPA 8013M	
Diesel Range Organics >C12-C35 Fotal Hydrocarbon C6-C35	42.1 42.1	10.0	**			"	,,	*	
Surrogate: 1-Chlorooctane	72.1	87.4 %	70-13		"	"			
Surrogate: 1-Chlorooctadecane		91.0%	70-13 70-13	-	,,	,,	,,	u u	
sur ogue. 1-Cmoroociaaecane		21.0 70	70-13	U				·	
SW-1 5' (5A25019-07) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	25.2	10.0	11	16	n	"	16	n	
Total Hydrocarbon C6-C35	25.2	10.0	"	11	n	н		11	
Surrogate: 1-Chlorooctane		88.6 %	70-13	0	,,	"	"	"	
Surrogate: 1-Chlorooctadecane		92.2 %	70-13	0	,,	"	u	"	
SW-1 15' (5A25019-08) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n	11	**	п	*	11	
T Hydrocarbon C6-C35	ND	10.0	n	**	n	"	11		
ate: 1-Chlorooctane		94.2 %	70-13	30	,,	"	,,	и	
Surrogate: 1-Chlorooctadecane		94.8 %	70-13	80	,,	"	"	"	
NBH-1 20' (5A25019-09) Soil									
Gasoline Range Organics C6-C12	1050	10.0	mg/kg dry	1	EA52504	01/25/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	2480	10.0	u	11	•	**		и	
Total Hydrocarbon C6-C35	3530	10.0	*	u		**	u	u	
Surrogate: 1-Chlorooctane		101 %	70-13	30	"	п	"	,,	
Surrogate: 1-Chlorooctadecane		96.8 %	70-13	30	"	"	"	"	
SP-7 (5A25019-10) Soil									
Gasoline Range Organics C6-C12	215	10.0	mg/kg dry	1	EA52504	01/25/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	652	10.0	n	"	и	"		n	
Total Hydrocarbon C6-C35	867	10.0	11	u	u	u	11	**	
Surrogate: 1-Chlorooctane		92.0 %	70-13	30	n	**	"	"	
Surrogate: 1-Chlorooctadecane		98.0 %	70-13	30	u	n	#	u	

Project Number: 2001-10849
Project Manager: Camille Reynolds

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Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-8 (5A25019-11) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52504	01/25/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	45.9	10.0	n	**		11	**		
Total Hydrocarbon C6-C35	45.9	10.0	u		**	u	u	11	
Surrogate: 1-Chlorooctane		87.2 %	70-1	30	"	11	"	u u	
Surrogate: 1-Chlorooctadecane		89.8 %	70-1	30	,,	"	"	"	



Project: Arco Getty

Project Number: 2001-10849 Project Manager: Camille Reynolds Fax: (432) 687-4914

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General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

	D	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW-1 5' (5A25019-01) Soil									
% Moisture	26.9		%	1	EA52506	01/25/05	01/26/05	% calculation	
NW-1 15' (5A25019-02) Sail	_								
% Moisture	14.1		%	1	EA52506	01/25/05	01/26/05	% calculation	
WW-1 5' (5A25019-03) Soil									
% Moisture	26.3		%	1	EA52506	01/25/05	01/26/05	% calculation	
WW-1 15' (5A25019-04) Soil									
% Moisture	9,5		%	1	EA52506	01/25/05	01/26/05	% calculation	
EW-1 5' (5A25019-05) Soil									
% Moisture	11,6		%	1	EA52506	01/25/05	01/26/05	% calculation	
EW-1 15' (5A25019-06) Soil									
% Moisture	4,0		%	1	EA52506	01/25/05	01/26/05	% calculation	
5' (5A25019-07) Soil									
% Moisture	9.3		%	ı	EA52506	01/25/05	01/26/05	% calculation	
SW-1 15' (5A25019-08) Soil									
% Moisture	4.5		%	1	EA52506	01/25/05	01/26/05	% calculation	
NBH-1 20' (5A25019-09) Soil									
% Moisture	7.4		%	1	EA52506	01/25/05	01/26/05	% calculation	
SP-7 (5A25019-10) Soil									
% Moisture	14.1		%	1	EA52506	01/25/05	01/26/05	% calculation	
SP-8 (5A25019-11) Soil									
% Moisture	16.0		%	1	EA52506	01/25/05	01/26/05	% calculation	

Project: Arco Getty
Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

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Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NW-1 5' (5A25019-01) Soil								····	
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	10	"	**	u	u		
Ethylbenzene	ND	25.0	n	w	4	ii	H	er e	
Xylene (p/m)	J [21.8]	25.0	*	"	n	11	II	ıı .	
Xylene (o)	ND	25.0		н	u	"	**	n	
Surrogate: Dibromofluoromethane		89.6 %	70-1	39	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		83.2 %	52-1	49	"	"	Ħ	"	
Surrogate: Toluene-d8		98.8 %	76-1	25	n	"	"	17	
Surrogate: 4-Bromofluorobenzene		99.8 %	66-1	45	"	"	H	"	
NW-1 15' (5A25019-02) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	n	n	n	11	ıı	u	
Ethylbenzene	ND	25.0		н	n	n	и	н	
Xylene (p/m)	ND	25.0	**	t+	u	n	**	H .	
Xylene (o)	ND	25.0	"	11	*1	tt .	II	ti .	
Surrogate: Dibromofluoromethane		92.8 %	70-1	139	n	"	u	и	
ate: 1,2-Dichloroethane-d4		86.4 %	52-	149	"	н	"	"	
Surrogate: Toluene-d8		101 %	76-	125	u	u	"	11	
Surrogate: 4-Bromofluorobenzene		99.2 %	66-	145	u	"	u	u	
WW-1 5' (5A25019-03) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	11	ıı	11	"	II	tt.	
Ethylbenzene	ND	25.0	•	"	o	n	и	*	
Xylene (p/m)	ND	25.0	ıı	u		41	U	ii	
Xylene (o)	ND	25.0	и					11	
Surrogate: Dibromofluoromethane		94.8 %	70-	139	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	52-	149	#	"	"	u	
Surrogate: Toluene-d8		100 %	76-	125	"	"	"	#	
Surrogate: 4-Bromofluorobenzene		99.0 %	66-	145	"	"	"	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/31/05 11:07

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
WW-1 15' (5A25019-04) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	n	n	41	*	11	16	
Ethylbenzene	ND	25.0	u	n	n .	n	u	u	
Xylene (p/m)	ND	25.0	"		ıt	"	n	**	
Xylene (o)	ND	25.0	11	"	"	"		и	
Surrogate: Dibromofluoromethane		96.0 %	70-	139	n	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		87.8 %	52-	149	"	"	"	"	
Surrogate: Toluene-d8		100 %	76-	125	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		99.2 %	66-	145	tt	"	"	"	
EW-1 5' (5A25019-05) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	tt		"	**	n	u ·	
Ethylbenzene	ND	25.0	11	**	H	II	IF	"	
Xylene (p/m)	ND	25.0	11	11	**	u	**	11	
Xylene (o)	ND	25.0	15	"	n	**	*	u	
Signate: Dibromofluoromethane		94.8 %	70-	139	"	"	"	u	
Si le: 1,2-Dichloroethane-d4		86.2 %	52-	149	"	"	n	н	
Surrogate: Toluene-d8		100 %	76-	125	"	u		u	
Surrogate: 4-Bromofluorobenzene		101 %	66-	145	u		n	*	
EW-1 15' (5A25019-06) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	и	n	**	u	n	"	
Ethylbenzene	ND	25.0	te .				0	n	
Xylene (p/m)	ND	25.0	**	41		*	ti	u	
Xylene (o)	ND	25.0	**	**	u		11	н	
Surrogate: Dibromofluoromethane		98.6 %	70-	139	"	"	"	u	
Surrogate: 1,2-Dichloroethane-d4		89.2 %	52-	149		"	"	u .	
Surrogate: Toluene-d8		101 %	76-	125	,,	"	"	"	
Surrogate: 4-Bromofluorobenzene		100 %	66-	145	,,	#	,,	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/31/05 11:07

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Da e	Dec. 1	D 1	4	Name of	*1
	Kesuit	Limit	Oillis	Dilution	Batch	Prepared	Analyzed	Method	Note
SW-1 5' (5A25019-07) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0		n	**		**	tt	
Ethylbenzene	ND	25.0	"	и	11	u	"	**	
Xylene (p/m)	ND	25.0	*	0	U	11	**	**	
Xylene (o)	ND	25.0	"	"		11	"	н	
Surrogate: Dibromofluoromethane		98.0 %	70-1	39	"	u	"	"	
Surrogate: 1,2-Dichloroethane-d4		87.0 %	52-1	49	"	"	"	**	
Surrogate: Toluene-d8		99.4 %	76-1	25	"	"	"	,	
Surrogate: 4-Bromofluorobenzene		98.0 %	66-1	45	"	"	n	u	
SW-1 15' (5A25019-08) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	n	n	n	It	n	п	
Ethylbenzene	ND	25.0	u	u	11	н	н	"	
Xylene (p/m)	ND	25.0	**		и			#	
Xylene (o)	ND	25.0	u u	11		u		n	
Sympate: Dibromofluoromethane		97.0 %	70-	139	"	"	н	n	
ite: 1,2-Dichloroethane-d4		86.8 %	52-	149	"	"	"	"	
Surrogate: Toluene-d8		98.4 %	76-	125	"		"	n	
Surrogate: 4-Bromofluorobenzene		96.8 %	66-	145	**	n	"	"	
NBH-1 20' (5A25019-09) Soil									
Benzene	196	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	1130	25.0		11	ıt		n	ě1	
Ethylbenzene	272	25.0	и	**	11	u	u	п	
Xylene (p/m)	2950	25.0	Ħ	u	"		н	u	
Xylene (o)	1870	25.0	н	11		н	н	u	
Surrogate: Dibromofluoromethane		103 %	70-	139	,,	"	n	"	
Surrogate: 1,2-Dichloroethane-d4		92.0 %	52-	149	"	"	"	"	
Surrogate: Toluene-d8		98.0 %	76	125	•	"	•	"	
Surrogate: 4-Bromofluorobenzene		99.0 %	66	145	"	u	"	,,	



ntal Lab of Texas

Project: Arco Getty

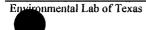
Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/31/05 11:07

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP-7 (5A25019-10) Soil			- <u>-</u> -						
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	73.9	25.0	n	п	н	•	**	**	
Ethylbenzene	174	25.0	**	n	u	a	n	**	
Xylene (p/m)	830	25.0	"	*	"	11	11	u	
Xylene (o)	527	25.0	11		"	ų .		u	
Surrogate: Dibromofluoromethane		97.6 %	70-1	139	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	52-1	149	"	"	"	и	
Surrogate: Toluene-d8		97.2 %	76-1	125	"	"	u	"	
Surrogate: 4-Bromofluorobenzene		104 %	66-1	145	u	"	"	#	
SP-8 (5A25019-11) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA52508	01/25/05	01/25/05	EPA 8260B	
Toluene	ND	25.0	II	н	'n	**	**	II .	
Ethylbenzene	ND	25.0	11	tt	D	u	u	•	
Xylene (p/m)	33.6	25.0	u	u	"	H	**	u	
Xylene (o)	26.0	25.0	н	+1	u		11	"	
Surveyete: Dibromofluoromethane		99.0 %	7 0 -2	139	"	н	"	"	
e: 1,2-Dichloroethane-d4		87.0 %	52-	149	"	*	"	n	
Surrogate: Toluene-d8		102 %	76-	125	"	*	"	"	
Surrogate: 4-Bromofluorobenzene		102 %	66-	145	"	H	n	"	



Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

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Reported: 01/31/05 11:07

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 EA52504 - Solvent Extraction (GC)										
Blank (EA52504-BLK1)				Prepared: (01/25/05 Ai	nalyzed: 01	/28/05			
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	36.6		mg/kg	50.0		73.2	70-130			
urrogate: 1-Chlorooctadecane	36.0		"	50.0		72.0	70-130			
.CS (EA52504-BS1)				Prepared: (01/25/05 Ai	nalyzed: 01	/28/05			
Gasoline Range Organics C6-C12	464	10.0	mg/kg wet	500		92.8	75-125			
Diesel Range Organics >C12-C35	515	10.0	H	500		103	75-125			
Total Hydrocarbon C6-C35	979	10.0	•	1000		97.9	75-125			
Surrogate: 1-Chlorooctane	36.6		mg/kg	50.0		73.2	70-130			
Surrogate: 1-Chlorooctadecane	37.9		"	50.0		<i>75.8</i>	70-130			
Calibration Check (EA52504-CCV1)				Prepared: (01/25/05 A	nalyzed: 01	/28/05			
Gasoline Range Organics C6-C12	483		mg/kg	500		96.6	80-120			
Diesel Range Organics >C12-C35	491		"	500		98.2	80-120			
Total Hydrocarbon C6-C35	974		•	1000		97.4	80-120			
Surrogate: 1-Chlorooctane	50.7		"	50.0		101	70-130			
te: 1-Chlorooctadecane	50.8		"	50.0		102	70-130			
Matrix Spike (EA52504-MS1)	Sou	rce: 5A2501	7-03	Prepared:	01/25/05 A	nalyzed: 01	/28/05			
Gasoline Range Organics C6-C12	501	10.0	mg/kg dry	545	ND	91.9	75-125			
Diesel Range Organics >C12-C35	537	10.0		545	ND	98.5	75-125			
Total Hydrocarbon C6-C35	1040	10.0	n	1090	ND	95.4	75-125			
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0		94.6	70-130			
Surrogate: 1-Chlorooctadecane	47.8		,	50.0		95.6	70-130			
Matrix Spike Dup (EA52504-MSD1)	Sou	ırce: 5A2501'	7-03	Prepared:	01/25/05 A	nalyzed: 01	1/28/05			
Gasoline Range Organics C6-C12	514	10.0	mg/kg dry	545	ND	94.3	75-125	2.56	20	
Diesel Range Organics >C12-C35	585	10,0	м	545	ND	107	75-125	8.56	20	
Total Hydrocarbon C6-C35	1100	10,0	11	1090	ND	101	75-125	5.61	20	
Surrogate: 1-Chlorooctane	47.1	· · · · · · · · · · · · · · · · · · ·	mg/kg	50.0		94.2	70-130			
Surrogate: 1-Chlorooctadecane	47.8		"	50.0		95.6	70-130			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

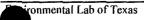
Fax: (432) 687-4914

Reported: 01/31/05 11:07

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 EA52506 - General Preparation (P	rep)									
Blank (EA52506-BLK1)				Prepared: 0	1/25/05 A	nalyzed: 01.	/26/05			
% Moisture	0.003		%							
Duplicate (EA52596-DUP1)	Sou	rce: 5A24010-	01	Prepared: 0	1/25/05 A	nalyzed: 01	/26/05			
% Moisture	17.0		%		16.7			1.78	20	



Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/31/05 11:07

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA52508 - EPA 5030C (GCMS)										
Blank (EA52508-BLK1)				Prepared &	Analyzed:	01/25/05				
Benzene	ND	25.0	ug/kg wet							
Foluene Foluene	ND	25.0	11							
Ethylbenzene	ND	25.0	•							
Xylene (p/m)	ND	25.0	W							
Xylene (a)	ND	25.0								
Surrogate: Dibromofluoromethane	45.9		ug/kg	50.0		91.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	42.2		"	50.0		84.4	52-149			
Surrogate: Toluene-d8	49.1		и	50.0		98.2	76-125			
Surrogate: 4-Bromofluorobenzene	48.9		"	50.0		97.8	66-145			
LCS (EA52508-BS1)				Prepared &	k Analyzed:	01/25/05				
Benzene	57.1		ug/kg	50.0		114	70-130			
Foluene	56.1		"	50.0		112	70-130			
Ethylbenzene	53.1		H	50.0		106	70-130			
Kylene (p/m)	90.7		u	100		90.7	70-130			
Xylene (o)	58.4		н	50.0		117	70-130			
Surrogate: Dibromofluoromethane	49.0	*****	"	50.0		98.0	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.0		"	50.0		92.0	52-149			
e: Toluene-d8	52.6		"	50.0		105	76-125			
h. die: 4-Bromofluorobenzene	48.7		"	50.0		97.4	66-145			
Calibration Check (EA52508-CCV1)				Prepared &	& Analyzed	: 01/25/05				
Benzene	59.6		ug/kg	50.0		119	70-130			
Toluene	55.4		n	50.0		111	70-130			
Ethylbenzene	51.8		**	50.0		104	70-130			
Xylene (p/m)	88.7		"	100		88.7	70-130			
Xylene (o)	55.9			50.0		112	70-130			
Surrogate: Dibromofluoromethane	51.9		"	50.0		104	70-139			
Surrogate: 1,2-Dichloroethane-d4	47.9		"	50.0		95.8	52-149			
Surrogate: Toluene-d8	52.0		Ħ	50.0		104	76-125			
Surrogate: 4-Bromofluorobenzene	50.3		u	50.0		101	66-145			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 01/31/05 11:07

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	resuit		Call	20701		, , , , ,				
Batch EA52508 - EPA 5030C (GCMS)										
Matrix Spike (EA52508-MS1)	Sou	rce: 5A21003-	01	Prepared &	Analyzed:	01/25/05				
Benzene	1410		ug/kg	1250	ND	113	70-130			
Toluene	1370		"	1250	ND	110	70-130			
Ethylbenzene	1300		11	1250	ND	104	70-130			
Xylene (p/m)	2320		**	2500	ND	92.8	70-130			
Xylene (o)	1410			1250	ND	113	70-130			
Surrogate: Dibromofluoromethane	48.8		17	50.0		97.6	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.1		,,	50.0		92.2	52-149			
Surrogate: Toluene-d8	51.4		"	50.0		103	76-125			
Surrogate: 4-Bromofluorobenzene	47.7		"	50.0		95.4	66-145			
Matrix Spike Dup (EA52508-MSD1)	Sou	rce: 5A21003-	01	Prepared &	Analyzed:	01/25/05				
Benzene	1400		ug/kg	1250	ND	112	70-130	0.889	20	
Toluene	1370		*	1250	ND	110	70-130	0.00	20	
Ethylbenzene	1290		н	1250	ND	103	70-130	0.966	20	
Xylene (p/m)	2240		"	2500	ND	89.6	70-130	3.51	20	
Xylene (o)	1410		•	1250	ND	113	70-130	0.00	20	
Surrogate: Dibromofluoromethane	49.4		"	50.0		98.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	45.4		"	50.0		90.8	52-149			
ue: Toluene-d8	52. I		"	50.0		104	76-125			
tie: 4-Bromofluorobenzene	47.8		**	50.0		95.6	66-145			

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
01/31/05 11:07

Notes and Definitions

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 Khails

Date:

1/31/2005

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.

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

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

Items for Project Manager Review

Louiser	Analysis	Analyte	Exception
BLK1	Solids, Dry Weight	% Moisture	Blank >1 x MRL
	TPH 8015	(Soil)	J-Flags used
	8260B BTEX	(Soil)	J-Flags used
	8260B BTEX	(Soil)	RPD calculations based on %Recovery
	TPH 8015	(Soil)	Result calculations based on MDL
	8260B BTEX	(Soil)	Result calculations based on MDL
			Default Report (not modified)

Laboratory: £207 Address:	Contact:	Phone:	A PO/SO#: 2001-10179	Sampler's Signature
The state of the s	se Location Midland, Ty		ect Manager Shewer Smith	vier's Name

Temp, of coolers

Lab use only Due Da

	Consulting Engineers & Scientists	g Engine	500	Ü ĕ	cientists			-	}	-		}		-		****	·				when	when received (C'): O.S
Offic Office	Office Location Midled 74	ني ا	die	q	نوخ	Contact	 	Ì									·	-			E C	3 4 5
Ì						Phone:							*****								/ Page	400
Proje	Project Manager Sherre Smith	3er 5h	3	5	4.5	PO/SO #:	#: 20	1-10	54201-1007					****								
Samp	Sampler's Name					Sampler	Sampler's Signature	J.e					1	No	£							
***************************************	4	Shara Sait	¥			57.0	Shem S	- {	d						7096							
Proj. No.	do,		Proj	Project Name	lame				-	No/Type	No/Type of Containers	nainers	-	D)	-8							
5	2272,6966	6)		ARCO	co Atty	†								X \(\frac{7}{2}		-					•	
Matrix	Date	Time	OoEa	0-40		Identifying Marks of Sample(s)		Start	Depth Depth	YO.	A/G 2	250 250		20							Lab Sample IC	Lab Sample ID (Lab Use Only)
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Relind	Relinquished by (Signature)	Signature)			Date:		G eceived	by: (\$	Signatu	æ)	13	Date:	 (e)	Time	<u> </u>				U	ZE S	Camille Roynolds	
Reling	Relinquished by (Signature)	Signature)		1	Date:	Time:	Received by: (Signature)	1 by: (5	Signatu	re)		Date:	 jaj	Time:	T.,	.T	ن د	ر پ	?	3	Slees / was co seek	

Atlanta Office 2855 Premiere Partway. Suite: C Duluth. Georgia 30097 (770) 623-0755 Fax (770) 623-9628
Austin Office 5507 Industrial Onks Blvd. # 160 Austin, Teras 78735 (512) 442-1122 Fax (512) 442-1181
Fort Worth Office 2601 Gravel Drive Fort Worth, Texas 76118 (817) 288-8660 Fax (817) 268-8602
Dallas Office 8901 Carpentar Freeway, Sulic 100 Dallas, Texas 75247 (214) 630-1010 Fax (214) 630-7070
Houston Office 11555 Clay Kaad, Suite 100 Houston, Texas, 77043 '7131, 690-8989, Fax (713) 690-8787

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Date:

Received by: (Signature)

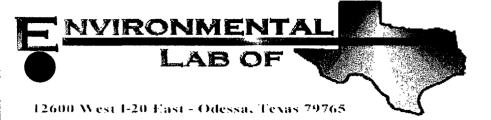
Time:

Date:

Relinquished by (Signature)

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

Client: Plains P/L	
Date/Time: 01-25-05 @0810	
Order #: 5A 25019	
Initials: Jmn	
Sample Receipt	: Checklist
Temperature of container/cooler?	(es) No O.S C
Shipping container/cooler in good condition?	Yes No N/A
Custody Seals intact on shipping container/cooler?	Yes No Not present
Custody Seals intact on sample bottles?	(es) No Not present
Chain of custody present?	(res) No
Sample Instructions complete on Chain of Custody?	YES No
Chain of Custody signed when relinquished and received?	YES) No
Chain of custody agrees with sample label(s)	Yes No
Container labels legible and intact?	(es) No
Sample Matrix and properties same as on chain of custody?	(Yes) No
Samples in proper container/bottle?	(es) No
Samples properly preserved?	VGS No
Sample bottles intact?	(es) No
Preservations documented on Chain of Custody?	(es) No
Containers documented on Chain of Custody?	(Yes) No
Sufficient sample amount for indicated test?	(res) No
All samples received within sufficient hold time?	SEN No
VOC samples have zero headspace?	Yes No Not Applicable
Other observations:	
Variance Docum Contact Person: Date/Time: Regarding:	nentation: Contacted by:
Corrective Action Taken:	



Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5A26002

Report Date: 02/01/05

Project: Arco Getty Project Number: 2001-10849 Project Manager: Camille Reynolds Fax: (432) 687-4914 Reported:

02/01/05 10:37

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
DBH-1 25'	5A26002-01	Soil	01/24/05 13:16	01/26/05 08:07
DBH-1 31'	5A26002-02	Soil	01/24/05 13:49	01/26/05 08:07

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/01/05 10:37

Organics by GC

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DBH-1 25' (5A26002-01) Soil	TQ3UIT	Linux	- Cilia	Ditution	Datch	riepareu	Alialyzed	ivictiod	INOICS
Gasoline Range Organics C6-C12	337	10.0	mg/kg dry	1	EA52802	01/28/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	929	10.0	"	u	"	"	"	u	
Total Hydrocarbon C6-C35	1270	10.0	n	u	*1	n	п	e e	
Surrogate: 1-Chlorooctane		114 %	70-13	30	"	"	u u	и	
Surrogate: 1-Chlorooctadecane		124 %	70-1 3	80	"	"	Ħ	"	
DBH-1 31' (5A26002-02) Soil									
Gasoline Range Organics C6-C12	71.4	10.0	mg/kg dry	1	EA52802	01/28/05	01/29/05	EPA 8015M	
Diesel Range Organics >C12-C35	318	10.0	n	n	11		"	"	
Total Hydrocarbon C6-C35	389	10.0	19	и	11	н	**	"	
Surrogate: 1-Chlorooctane		96.8 %	70-13	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		111 %	70-13	30	"	"	"	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/01/05 10:37

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DBH-1 25' (5A26002-01) Soil									
% Moisture	3.8		%	1	EA52605	01/26/05	01/27/05	% calculation	
DBH-1 31' (5A26002-02) Soil									,
% Moisture	5.0		%	i	EA52605	01/26/05	01/27/05	% calculation	

Project: Arco Getty

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Reported: 02/01/05 10:37

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
DBH-1 25' (5A26002-01) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA53105	01/28/05	01/28/05	EPA 8260B	
Toluene	215	25.0	"	•	**	11	u	u	
Ethylbenzene	236	25.0	u	n	**	u	**	u	
Xylene (p/m)	2480	25.0	er e	**	н	ıı		u u	
Xylene (o)	1360	25.0	"		•	ч	и	"	
Surrogate: Dibromofluoromethane		95.0 %	70-1	139	"	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		86.8 %	52-1	149	"	"	**	"	
Surrogate: Toluene-d8		94.4 %	76-1	125	n	"	"	n	
Surrogate: 4-Bromofluorobenzene		101 %	66-	145	"	H	"	"	
DBH-1 31' (5A26002-02) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA53105	01/28/05	01/28/05	EPA 8260B	
Toluene	ND	25.0	"	Ir	0		u	**	
Ethylbenzene	ND	25.0		n	vi	u	**	и	
Xylene (p/m)	36.8	25.0	11	,	п	11	H	n	
Xylene (o)	J [17.2]	25.0	"		*	"	n	u	J
gate: Dibromofluoromethane		98.8 %	70-	139	"	n	"	"	
gate: 1,2-Dichloroethane-d4		86.2 %	52-	149	"	"	n	"	
Surrogate: Toluene-d8		102 %	7 6	125	n		"	"	
Surrogate: 4-Bromofluorobenzene		102 %	66-	145	"	n	n	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/01/05 10:37

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 EA52802 - Solvent Extraction (GC)								<u> </u>		
Blank (EA52802-BLK1)			· · · · · · · · · · · · · · · · · · ·	Prepared: (01/28/05 A	nalyzed: 01	/29/05			
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	u							
Surrogate: 1-Chlorooctane	39.2		mg/kg	50.0		78.4	70-130	****		
Surrogate: 1-Chlorooctadecane	36.4		**	50.0		72.8	70-130			
Blank (EA52802-BLK2)				Prepared:	01/28/05 A	nalyzed: 01	1/29/05			
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	11							
Surrogate: 1-Chlorooctane	35.8		mg/kg	50.0		71.6	70-130			
Surrogate: 1-Chlorooctadecane	39.7		"	50.0		79.4	70-130			
LCS (EA52802-BS1)				Prepared:	01/28/05 A	nalyzed: 01	1/29/05			
Gasoline Range Organics C6-C12	433	10.0	mg/kg wet	500		86.6	75-125			
Diesel Range Organics >C12-C35	481	10.0		500		96.2	75-125			
Total Hydrocarbon C6-C35	914	10.0	u	1000		91.4	75-125			
Surrogate: 1-Chlorooctane	37.4		mg/kg	50.0		74.8	70-130			
te: 1-Chlorooctadecane	37.1		,,	50.0		74.2	70-130			
LCS (EA52802-BS2)				Prepared:	01/28/05 A	nalyzed: 01	1/29/05			
Gasoline Range Organics C6-C12	450	10.0	mg/kg wet	500		90.0	75-125			
Diesel Range Organics >C12-C35	458	10.0	11	500		91.6	75-125			
Total Hydrocarbon C6-C35	908	10.0	n	1000		90.8	75-125			
Surrogate: 1-Chlorooctane	38.2		mg/kg	50.0		76.4	70-130			
Surrogate: 1-Chlorooctadecane	36.4		,,	50.0		72.8	70-130			
Calibration Check (EA52802-CCV1)				Prepared:	01/28/05 A	nalyzed: 0	1/29/05			
Gasoline Range Organics C6-C12	445	-m <u>-, "</u> -	mg/kg	500		89.0	80-120			
Diesel Range Organics >C12-C35	541		и	500		108	80-120			
Total Hydrocarbon C6-C35	986			1000		98.6	80-120			
Surrogate: 1-Chlorooctane	50.9	* * * * * * * * * * * * * * * * * * *	"	50.0		102	70-130			-
Surrogate: 1-Chlorooctadecane	46.5		n	50.0		93.0	70-130			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/01/05 10:37

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
	- ICoun	Lutte	Cints	LOVEI	Kezhu	/0KEC	Limits	ND	Limit	NOICS
Batch EA52802 - Solvent Extraction (GC)										
Calibration Check (EA52802-CCV2)				Prepared: (01/28/05 A	nalyzed: 01	/29/05			
Gasoline Range Organics C6-C12	471		mg/kg	500		94.2	80-120		•	
Diesel Range Organics >C12-C35	520		**	500		104	80-120			
Total Hydrocarbon C6-C35	991		11	1000		99.1	80-120			
Surrogate: 1-Chlorooctane	43.8	-	"	50.0		87.6	70-130			
Surrogate: 1-Chlorooctadecane	47.7		"	50.0		95.4	70-130			
Matrix Spike (EA52802-MS1)	Sou	rce: 5A25025	-01	Prepared: (01/28/05 A	nalyzed: 01	/29/05			
Gasoline Range Organics C6-C12	551	10.0	mg/kg dry	591	ND	93.2	75-125			
Diesel Range Organics >C12-C35	593	10.0	u	591	ND	100	75-125			
Total Hydrocarbon C6-C35	1140	10.0	11	1180	ND	96.6	75-125			
Surrogate: 1-Chlorooctane	46.6	·	mg/kg	50.0		93.2	70-130			
Surrogate: 1-Chlorooctadecane	49.5		"	50.0		99.0	70-130			
Matrix Spike (EA52802-MS2)	Source: 5A26005-02			Prepared: (01/28/05 A	nalyzed: 01	/29/05			
Gasoline Range Organics C6-C12	497	10.0	mg/kg dry	544	ND	91.4	75-125			
Diesel Range Organics >C12-C35	575	10.0	19	544	ND	106	75-125			
Total Hydrocarbon C6-C35	1070	10.0	**	1090	ND	98.2	75-125			
Surrogate: 1-Chlorooctane	48.5	•	mg/kg	50.0		97.0	70-130			
ate: 1-Chlorooctadecane	53.6		"	50.0		107	70-130			
watrix Spike Dup (EA52802-MSD1)	Sou	rce: 5A25025	i-01	Prepared:	01/28/05 A	naiyzed: 01	1/29/05			
Gasoline Range Organics C6-C12	533	10.0	mg/kg dry	591	ND	90.2	75-125	3.32	20	
Diesel Range Organics >C12-C35	624	10.0	n	591	ND	106	75~125	5.09	20	
Total Hydrocarbon C6-C35	1160	10.0	•	1180	ND	98.3	75-125	1.74	20	
Surrogate: 1-Chlorooctane	52.6		mg/kg	50.0		105	70-130			
Surrogate: 1-Chlorooctadecane	50.2		"	50.0		100	70-130			
Matrix Spike Dup (EA52802-MSD2)	Sou	rce: 5A26005	5-02	Prepared:	01/28/05 A	nalyzed: 0	1/29/05			
Gasoline Range Organics C6-C12	493	10.0	mg/kg dry	544	ND	90.6	75-125	0.808	20	
Diesel Range Organics >C12-C35	570	10.0		544	ND	105	75-125	0.873	20	
Total Hydrocarbon C6-C35	1060	10.0	4	1090	ND	97.2	75-125	0.939	20	
Surrogate: 1-Chlorooctane	46.1		mg/kg	50.0		92.2	70-130			
Surrogate: 1-Chlorooctadecane	49.4		"	50.0		98.8	70-130			

Project: Arco Getty

Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/01/05 10:37

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

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

Batch EA52605 - General Preparation (Prep)

Blank (EA52605-BLK1) Prepared: 01/26/05 Analyzed: 01/27/05

% Moisture 0.004

Duplicate (EA52605-DUP1) Source: 5A25021-01 Prepared: 01/26/05 Analyzed: 01/27/05

% Moisture 1.6 11.8 20 Plains All American EH & S

1301 S. County Road 1150 Midland TX, 79706-4476 Project: Arco Getty

Fax: (432) 687-4914

Project Number: 2001-10849

Project Manager: Camille Reynolds

Reported: 02/01/05 10:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Vezau	Limit	UIIIIS	Level	result	/ORLIC	Linina	KFD .	PHH	NOIGS
Batch EA53105 - EPA 5030C (GCMS)										
Blank (EA53105-BLK1)				Prepared &	Analyzed:	01/28/05				
Benzene	ND	25.0	ug/kg wet							
Toluene	ND	25.0	**							
Ethylbenzene	ND	25.0	41							
Xylene (p/m)	ND	25.0	"							
Xylene (o)	ND	25.0	11							
Surrogate: Dibromofluoromethane	45. I		ug/kg	50.0		90.2	70-139			
Surrogate: 1,2-Dichloroethane-d4	41.2		u	50.0		82.4	52-149			
Surrogate: Toluene-d8	48.1		"	50.0		96.2	76-125			
Surrogate: 4-Bromofluorobenzene	47.1		"	50.0		94.2	66-145			
LCS (EA53105-BS1)				Prepared &	k Analyzed:	01/28/05				
Benzene	52.5		ug/kg	50.0	-	105	70-130			
Toluene	55.2		n	50.0		110	70-130			
Ethylbenzene	54.2		*	50.0		108	70-130			
Xylene (p/m)	99.2		n	100		99.2	70-130			
Xylene (o)	59.4		11	50.0		119	70-130			
Surrogate: Dibromofluoromethane	45.2	Cura-11 11 11	,,	50.0		90.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.2		n	50.0		92.4	52-149			
e: Toluene-d8	49.5		"	50.0		99.0	76-125			
Sugate: 4-Bromofluorobenzene	48.7		"	50.0		97.4	66-145			
Calibration Check (EA53105-CCV1)				Prepared &	& Analyzed	: 01/28/05				
Benzene	54.4		ug/kg	50.0	<u> </u>	109	70-130			
Toluene	55.4		н	50.0		111	70-130			
Ethylbenzene	53.4		"	50.0		107	70-130			
Xylene (p/m)	98.0		u	100		98.0	70-130			
Xylene (o)	57.3		"	50.0		115	70-130			
Surrogate: Dibromafluoromethane	46.7		"	50.0		93.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	48.7		"	50.0		97.4	52-149			
Surrogate: Toluene-d8	49.2		•	50.0		98.4	76-125			
Surrogate: 4-Bromofluorobenzene	50.5		"	50.0		101	66-145			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/01/05 10:37

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit U	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA53105 - EPA 5030C (GCMS)	AVOIDAL		Oins	20101	Result	/MCDC	Citillo			140603
Matrix Spike (EA53105-MS1)	Sour	e: 5A27003-03		Prepared &	Analyzed:	01/28/05				
Benzene	1390	ı	ıg/kg	1250	ND	111	70-130			
Toluene	1430		n	1250	ND	114	70-130			
Ethylbenzene	1390			1250	ИĎ	111	70-130			
Xylene (p/m)	2470			2500	30.7	97.6	70-130			
Xylene (o)	1480		11	1250	15.3	117	70-130			
Surrogate: Dibromofluoromethane	45.4		"	50.0		90.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.3		"	50.0		92.6	52-149			
Surrogate: Toluene-d8	49.6		"	50.0		99.2	76-125			
Surrogate: 4-Bromofluorobenzene	49.8		**	50.0		99.6	66-145			
Matrix Spike Dup (EA53105-MSD1)	Sour	ce: 5A27003-03		Prepared & Analyzed: 01/28/05						
Benzene	1370	,	ug/kg	1250	ND	110	70-130	0.905	20	
Toluene	1410		**	1250	ND	113	70-130	0.881	20	
Ethylbenzene	1360			1250	ND	109	70-130	1.82	20	
Xylene (p/m)	2460		**	2500	30.7	97.2	70-130	0.411	20	
Xylene (o)	1460		"	1250	15.3	116	70-130	0.858	20	
Surrogate: Dibromofluoromethane	47.9		"	50.0		95.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	47.9		"	50.0		95.8	52-149			
ute: Toluene-d8	49.2		P	50.0		98.4	76-125			
San ogate: 4-Bromofluorobenzene	50.2		"	50.0		100	66-145			

Plains All American EH & S 1301 S. County Road 1150

Matrix Spike

Duplicate

MS

Dup

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:

Reported: 02/01/05 10:37

Notes and Definitions

DET Analyte DETECTED

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

Report	Approved	Bv:
·porr	rippio rea	₽,

Raland Kitals

Date:

2/1/2005

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.

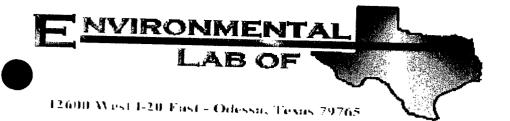
This material is intended only for the use of the individual (s) or entity to whom it is addressed, and may contain information that is privileged and confidential.

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

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

Client: PLWW P-L			
Date/Time: 1/24/05 0801			
Date Time. 11 10 1001			
Order #: 5A2U002			·
Initials:			
Sample Receipt		st	
Temperature of container/cooler?	Yes/	No	0.5 C
Shipping container/cooler in good condition?	Yes	No	in / A
Custody Seals intact on shipping container/cooler?	Yes	No	Not present MA
Custody Seals intact on sample bottles?	(Yes)	No	Not present
Chain of custody present?	(Yes)	No	
Sample Instructions complete on Chain of Custody?	(Yes)	No	
Chain of Custody signed when relinquished and received?	(Yes)	No	
Chain of custody agrees with sample label(s)	Yes	No	
Container labels legible and intact?	(Yes	No	
Sample Matrix and properties same as on chain of custody?	(Yes	No	
Samples in proper container/bottle?	(Yes)	No	
Samples properly preserved?	(Yes)	No	
Sample bottles intact?	(Yes	No	
Preservations documented on Chain of Custody?	(Yes)	No	
Containers documented on Chain of Custody?	Yes	No	
Sufficient sample amount for indicated test?	res	No	
All samples received within sufficient hold time?	(Yes)	No	
VOC samples have zero headspace?	(Yes	No	Not Applicable
Other observations:			
Contact Person: Date/Time: Regarding:			
Corrective Action Taken:			
	-		
			

and well the particular state of



Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5A27003

Report Date: 02/02/05

s All American EH & S S. County Road 1150 land 2706-4476 Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
02/02/05 13:04

Organics by GC Environmental Lab of Texas

	D It	Reporting				_	_		
yte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
2A (5A27003-01) Soil									
oline Range Organics C6-C12	19.2	10.0	mg/kg dry	1	EA52803	01/28/05	01/30/05	EPA 8015M	
sel Range Organics >C12-C35	730	10.0	u	n	11	a	11	u	
tal Hydrocarbon C6-C35	749	10.0	11	п	μ	11	u	n	
rogate: 1-Chlorooctane		88.0 %	70-13	0	"	,,	'n	n	
rrogate: 1-Chlorooctadecane		96.8 %	70-13	0	"	"	"	<i>t</i> r	
3H-2A 5' (5A27003-02) Soil									
asoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EA52803	01/28/05	01/30/05	EPA 8015M	
riesel Range Organics >C12-C35	ND	10.0	**	u	•	n	n	ч	
otal Hydrocarbon C6-C35	ND	10.0	"	#	"	*	**	u	
urrogate: 1-Chlorooctane		84.4 %	70-13	0	и	a	"	"	
urrogate: 1-Chlorooctadecane		92.2 %	70-13	0	"	"	"	n	
BH-3A 4.5' (5A27003-03) Soil									
Gasoline Range Organics C6-C12	12.7	10.0	mg/kg dry	ı	EA52803	01/28/05	01/30/05	EPA 8015M	
Diesel Range Organics >C12-C35	90.4	10.0	**	n	н	u	u	n	
rocarbon C6-C35	103	10.0	,,	a.	11	41	n		
Surrogate: 1-Chlorooctane		94.6 %	70-13	0	"	н	"	Ħ	
Surrogate: 1-Chlorooctadecane		99.8 %	70-13	0	"	,,	n	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:

02/02/05 13:04

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NE-2A (5A27003-01) Soil									
% Moisture	11.5		%	1	EA52805	01/27/05	01/28/05	% calculation	
SBH-2A 5' (5A27003-02) Soil									
% Moisture	20.2		%	1	EA52805	01/27/05	01/28/05	% calculation	
SBH-3A 4.5' (5A27003-03) Soil									
% Moisture	12.2		%	1	EA52805	01/27/05	01/28/05	% calculation	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/02/05 13:04

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NE-2A (5A27003-01) Soil				Ditation	Datei	1 repared	Allalyzed	Wiction	Hotes
Benzene	ND	25.0	ug/kg dry	25	EA53105	01/28/05	01/28/05	EPA 8260B	
Toluene	ND	25.0	"	•	**	**		н	
Ethylbenzene	ND	25.0	sa	"	**	п	ш	11	
Xylene (p/m)	ND	25.0	n	11	**	н		u	
Xylene (o)	ND	25.0	11	u		*		*	
Surrogate: Dibromofluoromethane		97.8 %	70-	139	n	"	,,	"	
Surrogate: 1,2-Dichloroethane-d4		87.6 %	52-1	149	"	"	"	,	
Surrogate: Toluene-d8		99.6 %	76-1	125	"	n	,,	"	
Surrogate: 4-Bromofluorobenzene		107 %	66-	145	s	11	и	H	
SBH-2A 5' (5A27003-02) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA53105	01/28/05	01/28/05	EPA 8260B	
Toluene	ND	25.0	ti		ıı	tı	u	n	
Ethylbenzene	ND	25.0		u	"	11	"	**	
Xylene (p/m)	J [21.1]	25.0	n		11	*	*	н	J
Xylene (o)	ND	25.0	n	11		п	**	n	
ate: Dibromofluoromethane		102 %	70	139	,,	,,	,,	"	
Sate: 1,2-Dichloroethane-d4		89.0 %	52-	149	*	"	"	"	
Surrogate: Toluene-d8		103 %	7 6	125	"	"	**	"	
Surrogate: 4-Bromofluorobenzene		102 %	66-	145	"	a	"	n	
SBH-3A 4.5' (5A27003-03) Soil									
Benzene	ND	25.0	ug/kg dry	25	EA53105	01/28/05	01/28/05	EPA 8260B	
Toluene	ND	25.0	tt.	**	11	"	n	o	
Ethylbenzene	ND	25.0	**	•	"	n	"		
Xylene (p/m)	35.0	25.0	"	11	**	11	н	II.	
Xylene (o)	J [17.4]	25.0			11	U	11		J
Surrogate: Dibromofluoromethane		104 %	70-	139	n	n	"	"	
Surrogate: 1,2-Dichloroethane-d4		90.6 %	52-	149	u	"	"	,,	
Surrogate: Toluene-d8		100 %	76-	125	u	"	u	n	
Surrogate: 4-Bromofluorobenzene	•	103 %	66-	145	"	"	u	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/02/05 13:04

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EA52803 - Solvent Extraction (GC)										
Blank (EA52803-BLK1)				Prepared: (01/28/05 A	nalyzed: 01	/30/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet			•				
Diesel Range Organics >C12-C35	ND	10.0	u							
Total Hydrocarbon C6-C35	ND	10.0	н							
Surrogate: 1-Chlorooctane	41.7		mg/kg	50.0		83.√	70-130			
Surrogate: 1-Chlorooctadecane	<i>47.2</i>		"	50.0		94.4	70-130			
Blank (EA52803-BLK2)				Prepared:	01/28/05 A	nalyzed: 01	/30/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	n							
Total Hydrocarbon C6-C35	ND	10.0	u							
Surrogate: 1-Chlorooctane	36.4		mg/kg	50.0		72.8	70-130			
Surrogate: 1-Chlorooctadecane	35.2		It	50.0		70.4	70-130			
LCS (EA52803-BS1)				Prepared:	01/28/05 A	nalyzed: 01	/30/05			
Gasoline Range Organics C6-C12	399	10.0	mg/kg wet	500		79.8	75-125			
Diesel Range Organics >C12-C35	510	10.0	**	500		102	75-125			
Total Hydrocarbon C6-C35	909	10.0	**	1000		90.9	75-125			
Surrogate: 1-Chlorooctane	40.7		mg/kg	50.0		81.4	70-130			
te: 1-Chlorooctadecane	37.4		"	50.0		74.8	70-130			
LCS (EA52803-BS2)				Prepared:	01/28/05 A	nalyzed: 01	/30/05			
Gasoline Range Organics C6-C12	381	10.0	mg/kg wet	500		76.2	75-125			
Diesel Range Organics >C12-C35	507	10.0		500		101	75-125			
Total Hydrocarbon C6-C35	889	10.0	"	1000		88.9	75-125			
Surrogate: 1-Chlorooctane	39.5		mg/kg	50.0		79.0	70-130			
Surrogate: 1-Chlorooctadecane	35.0		"	50.0		70.0	70-130			
Calibration Check (EA52803-CCV1)				Prepared:	01/28/05 A	nalyzed: 0	1/30/05			
Gasoline Range Organics C6-C12	402		mg/kg	500	 	80.4	80-120			
Diesel Range Organics >C12-C35	561		"	500		112	80-120			
Total Hydrocarbon C6-C35	963			1000		96.3	80-120			
Surrogate: 1-Chlorooctane	50.6		"	50.0		101	70-130			
Surrogate: 1-Chlorooctadecane	50.9		"	50.0		102	70-130			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/02/05 13:04

RPD

%REC

Organics by GC - Quality Control Environmental Lab of Texas

Reporting

Spike

Source

		Reporting		ohive	Some		/oterse		MD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EA52803 - Solvent Extraction (GC)										
Calibration Check (EA52803-CCV2)				Prepared: (01/28/05 A	nalyzed: 01	/30/05			
Gasoline Range Organics C6-C12	444		mg/kg	500		88.8	80-120			
Diesel Range Organics >C12-C35	583		11	500		117	80-120			
Total Hydrocarbon C6-C35	1030		41	1000		103	80-120			
Surrogate: 1-Chlorooctane	51.3			50.0		103	70-130			
Surrogate: 1-Chlorooctadecane	50.9		#	50.0		102	70-130			
Matrix Spike (EA52803-MS1)	Sou	rce: 5A27002	2-06	Prepared: (01/28/05 A	nalyzed: 01	/30/05			
Gasoline Range Organics C6-C12	489	10.0	mg/kg dry	543	ND	90.1	75-125			
Diesel Range Organics >C12-C35	610	10.0	"	543	ND	112	75-125			
Total Hydrocarbon C6-C35	1100	10.0	u	1090	ND	101	75-125			
Surrogate: I-Chlorooctane	58.5		mg/kg	50.0		117	70-130			
Surrogate: 1-Chlorooctadecane	58.2		"	50.0		116	70-130			
Matrix Spike (EA52803-MS2)	Sou	ırce: 5A28002	2-02	Prepared:	01/28/05 A	nalyzed: 01	/31/05			
Gasoline Range Organics C6-C12	487	10.0	mg/kg dry	534	ND	91.2	75-125			
Diesel Range Organics >C12-C35	625	10.0	**	534	ND	117	75-125			
Total Hydrocarbon C6-C35	1110	10.0	11	1070	ND	104	75-125			
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	70-130			
te: 1-Chlorooctadecane	48.8		"	50.0		97.6	70-130			
Matrix Spike Dup (EA52803-MSD1)	Sou	ırce: 5A27002	2-06	Prepared:	01/28/05 A	nalyzed: 01	1/30/05			
Gasoline Range Organics C6-C12	455	10.0	mg/kg dry	543	ND	83.8	75-125	7.20	20	
Diesel Range Organics >C12-C35	621	10.0	н	543	ND	114	75-125	1.79	20	
Total Hydrocarbon C6-C35	1080	10.0	11	1090	ND	99.1	75-125	1.83	20	
Surrogate: 1-Chlorooctane	48.8		mg/kg	50.0		97.6	70-130			
Surrogate: 1-Chlorooctadecane	46.6		<i>n</i>	50.0		93.2	70-130			
Matrix Spike Dup (EA52803-MSD2)	Sou	urce: 5A2800	2-02	Prepared:	01/28/05 A	nalyzed: 0	1/31/05			
Gasoline Range Organics C6-C12	484	10.0	mg/kg dry	534	ND	90.6	75-125	0.618	20	
Diesel Range Organics >C12-C35	633	10.0		534	ND	119	75-125	1.27	20	
Total Hydrocarbon C6-C35	1120	10.0		1070	ND	105	75-125	0.897	20	
Surrogate: 1-Chlorooctane	51.1		mg/kg	50.0		102	70-130			
Surrogate: 1-Chlorooctadecane	48.1		"	50.0		96.2	70-130			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/02/05 13:04

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

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

Batch EA52805 - General Preparation (Prep)

Blank (EA52805-BLK1) Prepared: 01/27/05 Analyzed: 01/28/05

% Moisture 0.002 %

 Duplicate (EA52805-DUP1)
 Source: 5A26004-01
 Prepared: 01/27/05
 Analyzed: 01/28/05

% Moisture 2.7 % 2.6 3.77 20

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/02/05 13:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EA53105 - EPA 5030C (GCMS)										
Blank (EA53105-BLK1)				Prepared &	Analyzed:	01/28/05				
Benzene	ND	25.0	ug/kg wet				*			
Toluene	ND	25.0	11							
Ethylbenzene	ND	25.0	и							
Xylene (p/m)	ND	25.0	e							
Xylene (o)	ND	25.0	**							
Surrogate: Dibromofluoromethane	45.1		ug/kg	50.0		90.2	70-139			
Surrogate: 1,2-Dichloroethane-d4	41.2		"	50.0		82.4	52-149			
Surrogate: Toluene-d8	48.1		u	50.0		96.2	76-125			
Surrogate: 4-Bromofluorobenzene	47.1		"	50.0		94.2	66-145			
LCS (EA53105-BS1)				Prepared &	k Analyzed:	01/28/05				
Benzene	52.5		ug/kg	50.0		105	70-130			
Toluene	55.2		н	50.0		110	70-130			
Ethylbenzene	54.2			50.0		108	70-130			
Xylene (p/m)	99.2		ıı	100		99.2	70-130			
Xylene (o)	59.4		*	50.0		119	70-130			
Surrogate: Dibromofluoromethane	45.2		"	50.0		90.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.2		n	50.0		92.4	52-149			
te: Toluene-d8	49.5		n	50.0		99.0	76-125			
Surregate: 4-Bromofluorobenzene	48.7		"	50.0		97.4	66-145			
Calibration Check (EA53105-CCV1)				Prepared &	& Analyzed	01/28/05				
Benzene	54.4		ug/kg	50.0		109	70-130			
Toluene	55.4		н	50.0		111	70-130			
Ethylbenzene	53.4		н	50.0		107	70-130			
Xylene (p/m)	98.0			100		98.0	70-130			
Xylene (a)	57.3			50.0		115	70-130			
Surrogate: Dibromofluoromethane	46.7		"	50.0		93.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	48.7		"	50.0		97.4	52-149			
Surrogate: Toluene-d8	49.2		"	50.0		98.4	76-125			
Surrogate: 4-Bromofluorobenzene	50.5		"	50.0		101	66-145			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/02/05 13:04

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit Units		Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
rilaryo	Result	Linit Oilis		Level		7MCLC	Limits	M D	Liiik	Notes
Batch EA53105 - EPA 5030C (GCMS)										
Matrix Spike (EA53105-MS1)	Sour	ce: 5A27003-03	Pre	epared &	Analyzed:	01/28/05				
Benzene	1390	ug/kg		1250	ND	111	70-130			
Toluene	1430	n		1250	ND	114	70-130			
Ethylbenzene	1390	11		1250	ND	111	70-130			
Xylene (p/m)	2470	12		2500	30.7	97.6	70-130			
Xylene (o)	1480	n		1250	15.3	117	70-130			
Surrogate: Dibromofluoromethane	45.4	"		50.0		90.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.3	"		50.0		92.6	52-149			
Surrogate: Toluene-d8	49.6	•		50.0		99.2	76-125			
Surrogate: 4-Bromofluorobenzene	49.8	u		50.0		99.6	66-145			

Matrix Spike Dup (EA53105-MSD1)	Source: 5A27003-03		Prepared & Analyzed: 01/28/05					
Benzene	1370	ug/kg	1250	ND	110	70-130	0.905	20
Toluene	1410	11	1250	ND	113	70-130	0.881	20
Ethylbenzene	1360	п	1250	ND	109	70-130	1.82	20
Xylene (p/m)	2460	10	2500	30.7	97.2	70-130	0.411	20
Xylene (o)	1460	**	1250	15.3	116	70-130	0.858	20
Surrogate: Dibromofluoromethane	47.9	#	50.0		95.8	70-139		
Surrogate: 1,2-Dichloroethane-d4	47.9	"	50.0		95.8	52-149		
te: Toluene-d8	49.2	"	50.0		98.4	76-125		
S. Jate: 4-Bromofluorobenzene	50.2	u	50.0		100	66-145		

Project: Arco Getty
Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
02/02/05 13:04

Notes and Definitions

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:

Cily D. Kune

Date:

2/2/05

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.

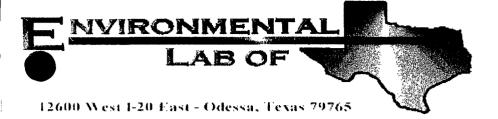
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If you have received this material in error, please notify us immediately at 432-563-1800.

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

Client: Plains EHSS				
Date/Time: 1/21/06				
Order #: 5A27003				
Initials:				
Sample Receipt	Checkl	ist		
Temperature of container/cooler?	(YES)	No	2,5 C	
Shipping container/cooler in good condition?	(Yes)	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	(es)	No	Not present	
Chain of custody present?	Yes	No		
Sample Instructions complete on Chain of Custody?	(Yes)	No		
Chain of Custody signed when relinquished and received?	(Yes	No		
Chain of custody agrees with sample label(s)	(Yes,	No		
Container labels legible and intact?	(res	No		
Sample Matrix and properties same as on chain of custody?	(FE)	No		
Samples in proper container/bottle?	(PES	No		
Samples properly preserved?	Ves	No		
Sample bottles intact?	Yes)	No		
Preservations documented on Chain of Custody?	(Ves)	No		
Containers documented on Chain of Custody?	(Yes)	No		
Sufficient sample amount for indicated test?	(YES)	No		
All samples received within sufficient hold time?	Yes			
			A.C. (A.C. () () ()	
VOC samples have zero headspace? Other observations:	(Yes)	No	Not Applicable	
VOC samples have zero headspace? Other observations:	(Yes)	NO [Not Applicable	
Other observations: Variance Docur		on:		
Other observations:		on:	Contacted by:	
Other observations: Variance Docur Contact Person: Date/Time:		on:		
Other observations: Variance Docur Contact Person: Date/Time:		on:		
Other observations: Variance Docur Contact Person: Date/Time: Regarding:		on:		
Other observations: Variance Docur Contact Person: Date/Time: Regarding:		on:		
Other observations: Variance Docur Contact Person: Date/Time: Regarding:		on:		
Other observations: Variance Docur Contact Person: Date/Time: Regarding:		on:		
Other observations: Variance Docur Contact Person: Date/Time: Regarding:		on:		

1996年,中国内第四人的编纂的《新典》的第三人称:1996年,199



Analytical Report

Prepared for:

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

Project: Arco Getty
Project Number: 2001-10849

Location: None Given

Lab Order Number: 5B04025

Report Date: 02/15/05

Project: Arco Getty

Project Number: 2001-10849 Project Manager: Shanna Smith Fax: (432) 687-4914

Reported: 02/15/05 09:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NE-2B	5B04025-01	Soil	02/04/05 14:21	02/04/05 16:52
SP-9	5B04025-02	Soil	02/04/05 14:08	02/04/05 16:52
SP-10	5B04025-03	Soil	02/04/05 14:12	02/04/05 16:52
EWW-1	5B04025-04	Soil	02/04/05 14:25	02/04/05 16:52
EEW-1	5B04025-05	Soil	02/04/05 14:30	02/04/05 16:52

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Shanna Smith

Fax: (432) 687-4914

Reported: 02/15/05 09:54

Organics by GC Environmental Lab of Texas

Anglista	Donult	Reporting Limit	Linita	96.10	D . 1				
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
NE-2B (5B04025-01) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB50406	02/04/05	02/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	**	и	4	н	и	
Total Hydrocarbon C6-C35	ND	10.0	11	"					
Surrogate: 1-Chlorooctane		92.2 %	70-1	<i>30</i>	"	"	n	n	
Surrogate: 1-Chlorooctadecane		75.4 %	70-1	30	"	"	,,	"	
SP-9 (5B04025-02) Soil									
Gasoline Range Organics C6-C12	48.6	10.0	mg/kg dry	1	EB50406	02/04/05	02/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	149	10.0	e	n	•	*	и	u	
Total Hydrocarbon C6-C35	198	10.0	н	11	"	"	u .		
Surrogate: 1-Chlorooctane		85.8 %	70-1	30	"	11	"	er e	
Surrogate: 1-Chlorooctadecane		73.0 %	70-1	30	"	"	"	tr .	
SP-10 (5B04025-03) Soil									
Gasoline Range Organics C6-C12	77.9	10.0	mg/kg dry	1	EB50406	02/04/05	02/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	276	10.0	•		н	u	**	п	
Hydrocarbon C6-C35	354	10.0	11	и	"	11	11		
Sandgate: 1-Chlorooctane		83.4 %	70-1	30	"	n	u	"	
Surrogate: 1-Chlorooctadecane		73.4 %	70-1	30	"	"	"	"	
EWW-1 (5B04025-04) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EB50406	02/04/05	02/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	307	10.0	n	"	11	н	u	u	
Total Hydrocarbon C6-C35	307	10.0	u		и		n	"	
Surrogate: 1-Chlorooctane		82.6 %	70-1	30	n	"	II	#	
Surrogate: 1-Chlorooctadecane		75.4 %	70-1	30	n	n	#	"	
EEW-1 (5B04025-05) Soil									
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	i	EB50406	02/04/05	02/08/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	11	**	**		v	
Total Hydrocarbon C6-C35	ND	10.0	11	11	**			65	
Surrogate: 1-Chlorooctane		86.4 %	70-1	30	п	n	"	,,	
Surrogate: 1-Chlorooctadecane		77.2 %	70-1	30	**	#	n	<i>t</i>	

Project: Arco Getty

Project Number: 2001-10849 Project Manager: Shanna Smith Fax: (432) 687-4914

Reported: 02/15/05 09:54

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

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NE-2B (5B04025-01) Soil									
% Moisture	9.0		%	1	EB50715	02/07/05	02/08/05	% calculation	
SP-9 (5B04025-02) Soil					~			***************************************	
% Moisture	8.5		%	1	EB50715	02/07/05	02/08/05	% calculation	
SP-10 (5B04025-03) Soil									
% Moisture	10.1		%	1	EB50715	02/07/05	02/08/05	% calculation	
EWW-1 (5B04025-04) Soil									
% Moisture	6.8		%	1	EB50715	02/07/05	02/08/05	% calculation	
EEW-1 (5B04025-05) Soil									
% Moisture	14.1		%	1	EB50715	02/07/05	02/08/05	% calculation	

Project: Arco Getty

Project Number: 2001-10849 Project Manager: Shanna Smith Fax: (432) 687-4914

Reported: 02/15/05 09:54

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NE-2B (5B04025-01) Soil									
Benzene	ND	25.0	ug/kg dry	25	EB51405	02/10/05	02/10/05	EPA 8260B	
Toluene	ND	25.0	u		**	II.	0	н	
Ethylbenzene	ND	25.0	n	n	n	n		44	
Xylene (p/m)	ND	25.0	•	n	sı	ı	n	п	
Xylene (o)	ND	25.0	n		n	и	11	te	
Surrogate: Dibromofluoromethane		93.8 %	70-1	39	"	"	,,	,,	
Surrogate: 1,2-Dichloroethane-d4		87.2 %	52-1	149	n	**	u	u	
Surrogate: Toluene-d8		98.4 %	76-1	125	n	,,	rr	n	
Surrogate: 4-Bromofluorobenzene		89.4 %	66-1	145	n	"	n	#	
SP-9 (5B04025-02) Soil									
Benzene	ND	25.0	ug/kg dry	25	EB51405	02/10/05	02/10/05	EPA 8260B	
Toluene	J [21.8]	25.0		п	**		n		
Ethylbenzene	J [18.3]	25.0	**	п	**	n	11	u	
Xylene (p/m)	112	25.0	11	u	u	n	11	**	
Xylene (o)	175	25.0	п	ŧI	*	11	11	n	
gate: Dibromofluoromethane		95.6 %	70-	139	u	"	"	"	
gate: 1,2-Dichloroethane-d4		91.6 %	52-	149	"	"	"	"	
Surrogate: Toluene-d8		98.2 %	76-	125	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.0 %	66-	145	"	н	и	H	
SP-10 (5B04025-03) Soil									
Benzene	ND	25.0	ug/kg dry	25	EB51405	02/10/05	02/10/05	EPA 8260B	
Toluene	ND	25.0	**	**	**	u	n	u	
Ethylbenzene	ND	25.0	IF		11	*	ü	**	
Xylene (p/m)	28.2	25.0	11	#1	**	n .		и	
Xylene (o)	177	25.0	п	**	•	II	u	n	
Surrogate: Dibromofluoromethane		96.0 %	70-	139	"	,,	11	"	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	52-	149	•	"	"	"	
Surrogate: Toluene-d8		98.4 %	76	125	,,	"	"	"	
Surrogate: 4-Bromofluorobenzene		96.8 %	66-	145	"	u	"	"	

Project: Arco Getty

Project Number: 2001-10849 Project Manager: Shanna Smith Fax: (432) 687-4914

Reported: 02/15/05 09:54

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EWW-1 (5B04025-04) Soil							1		1,0100
Benzene	NĎ	25.0	ug/kg dry	25	EB51405	02/10/05	02/10/05	EPA 8260B	
Toluene	ND	25.0	**		n	•	n	**	
Ethylbenzene	ND	25.0	п	u	п	in	*	u	
Xylene (p/m)	ND	25.0	**	11		u	91	n	
Xylene (o)	ND	25.0	II .	11			n	u	
Surrogate: Dibromofluoromethane		97.4 %	70	139	,,	"	"	"	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	52	149	"	"	"	n	
Surrogate: Toluene-d8		99.4 %	76	125	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		97.8 %	66	145	"	n	u	. "	
EEW-1 (5B04025-05) Soil									
Benzene	ND	25.0	ug/kg dry	25	EB51405	02/10/05	02/10/05	EPA 8260B	
Toluene	ND	25.0		"	"	u	11	u	
Ethylbenzene	ND	25.0		11	It	11	H	tr	
Xylene (p/m)	ND	25.0	11	n			11	u	
Xylene (o)	ND	25.0		*	"	н	16		
vate: Dibromofluoromethane		98.8 %	70-	139	н	"	"	"	
gate: 1,2-Dichloroethane-d4		91.2 %	52-	149	n	n	"	"	
Surrogate: Toluene-d8		101 %	76-	125	"	#	"	"	
Surrogate: 4-Bromofluorobenzene		92.0 %	66-	145	"	"	u	#	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Shanna Smith

Fax: (432) 687-4914

Reported: 02/15/05 09:54

Organics by GC - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike	Source	9/BEC	%REC	nnn	RPD	Mar
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB50406 - Solvent Extraction (GC)										
Blank (EB50406-BLK1)				Prepared: (02/04/05 A	nalyzed: 02	/07/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	n							
Total Hydrocarbon C6-C35	ND	10.0	**							
Surrogate: 1-Chlorooctane	39.5		mg/kg	50.0		79.0	70-130			
Surrogate: 1-Chlorooctadecane	35.1		"	50.0		70.2	70-130			
Blank (EB50406-BLK2)				Prepared: (02/04/05 A	nalyzed: 02	./07/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	n							
Total Hydrocarbon C6-C35	ND	10.0	ű							
Surrogate: 1-Chlorooctane	42.0		mg/kg	50.0		84.0	70-130	***************************************		
Surrogate: 1-Chlorooctadecane	38.7		"	50.0		77.4	70-130			
LCS (EB50406-BS1)				Prepared:	02/04/05 A	nalyzed: 02	2/07/05			
Gasoline Range Organics C6-C12	461	10.0	mg/kg wet	500		92,2	75-125			
Diesel Range Organics >C12-C35	465	10.0	**	500		93.0	75-125			
Total Hydrocarbon C6-C35	926	10.0	**	1000		92.6	75-125			
Surrogate: 1-Chlorooctane	41.9		mg/kg	50.0		83.8	70-130			
ate: I-Chlorooctadecane	36.8		"	50.0		73.6	70-130			
LCS (EB50406-BS2)				Prepared:	02/04/05 A	nalyzed: 02	2/07/05			
Gasoline Range Organics C6-C12	439	10.0	mg/kg wet	500		87.8	75-125			
Diesel Range Organics >C12-C35	441	10.0		500		88.2	75-125			
Total Hydrocarbon C6-C35	880	10.0	u	1000		88.0	75-125			
Surrogate: 1-Chlorooctane	40.2		mg/kg	50.0		80.4	70-130		•	
Surrogate: 1-Chlorooctadecane	35.9		"	50.0		71.8	70-130			
Calibration Check (EB50406-CCV1)				Prepared:	02/04/05 A	nalyzed: 02	2/07/05			
Gasoline Range Organics C6-C12	471		mg/kg	500		94.2	80-120			
Diesel Range Organics >C12-C35	518		u	500		104	80-120			
Total Hydrocarbon C6-C35	989		п	1000		98.9	80-120			
Surrogate: 1-Chlorooctane	55.2		"	50.0		110	70-130			
Surrogate: 1-Chlorooctadecane	49.9		"	50.0		99.8	70-130			

Project: Arco Getty

Project Number: 2001-10849 Project Manager: Shanna Smith Fax: (432) 687-4914

Reported: 02/15/05 09:54

Organics by GC - Quality Control Environmental Lab of Texas

		Reporting	**	Spike	Source	0/855	%REC	nes	RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB50406 - Solvent Extraction (GC)			····		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Calibration Check (EB50406-CCV2)				Prepared: ()2/04/05 A	nalyzed: 02	/07/05			
Gasoline Range Organics C6-C12	464		mg/kg	500		92.8	80-120			
Diesel Range Organics >C12-C35	491			500		98.2	80-120			
Total Hydrocarbon C6-C35	955		"	1000		95.5	80-120			
Surrogate: 1-Chlorooctane	46.9		"	50.0		93.8	70-130			<u>-</u>
Surrogate: 1-Chlorooctadecane	40.1		"	50.0		80.2	70-130			
Matrix Spike (EB50406-MS1)	Sou	rce: 5B04023	-02	Prepared: (02/04/05 A	nalyzed: 02	/07/05			
Gasoline Range Organics C6-C12	526	10.0	mg/kg dry	545	ND	96.5	75-125			
Diesel Range Organics >C12-C35	560	10.0	11	545	ND	103	75-125			
Total Hydrocarbon C6-C35	1090	10.0	II .	1090	ND	100	75-125			
Surrogate: 1-Chlorooctane	43.7		mg/kg	50.0		87.4	70-130			
Surrogate: 1-Chlorooctadecane	37.4		"	50.0		74.8	70-130			
Matrix Spike (EB50406-MS2)	Source: 5B04023-21			Prepared:	02/04/05 A	nalyzed: 02	2/07/05			
Gasoline Range Organics C6-C12	553	10.0	mg/kg dry	615	ND	89.9	75-125			
Diesel Range Organics >C12-C35	634	10.0	•	615	ND	103	75-125			
Total Hydrocarbon C6-C35	1190	10.0		1230	ND	96.7	75-125			
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.2	70-130			
te: 1-Chlorooctadecane	40.0		"	50.0		80.0	70-130			
Matrix Spike Dup (EB50406-MSD1)	Sou	rce: 5B04023	-02	Prepared:	02/04/05 A	nalyzed: 02	2/07/05			
Gasoline Range Organics C6-C12	515	10.0	mg/kg dry	545	ND	94.5	75-125	2.11	20	
Diesel Range Organics >C12-C35	552	10.0	u	545	ND	101	75-125	1.44	20	
Total Hydrocarbon C6-C35	1070	10.0		1090	ND	98.2	75-125	1.85	20	
Surrogate: 1-Chlorooctane	49.7		mg/kg	50.0		99.4	70-130			
Surrogate: 1-Chlorooctadecane	37.9		"	50.0		75.8	70-130			
Matrix Spike Dup (EB50406-MSD2)	Sou	rce: 5B04023	-21	Prepared:	02/04/05 A	nalyzed: 02	2/07/05			
Gasoline Range Organics C6-C12	610	10.0	mg/kg dry	615	ND	99.2	75-125	9.80	20	-
Diesel Range Organics >C12-C35	636	10.0	11	615	ND	103	75-125	0.315	20	
Total Hydrocarbon C6-C35	1250	10.0	11	1230	ND	102	75-125	4.92	20	
Surrogate: 1-Chlorooctane	50.7		mg/kg	50.0		101	70-130			
Surrogate: I-Chlorooctadecane	40.1		,,	50.0		80.2	70-130			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Shanna Smith

Fax: (432) 687-4914

Reported: 02/15/05 09:54

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB50715 - % Solids									·-·-	
Blank (EB50715-BLK1)				Prepared: (02/07/05 A	.nalyzed: 02	/08/05			
% Moisture	ND	0.1	%							
Duplicate (EB50715-DUP1)	Sour	ce: 5B04023-	01	Prepared: (02/07/05 A	nalyzed: 02	/08/05			
% Moisture	11.9	0.1	%		11.8			0.844	20	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Shanna Smith

Fax: (432) 687-4914

Reported: 02/15/05 09:54

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EB51405 - EPA 5030C (GCMS)										
Blank (EB51405-BLK1)				Prepared &	Analyzed:	02/10/05				
Benzene	ND	25.0	ug/kg wet							
Toluene	ND	25.0								
Ethylbenzene	ND	25.0	"							
Xylene (p/m)	ND	25.0	II							
Xylene (o)	ND	25.0	u							
Surrogate: Dibromofluoromethane	45.2		ug/kg	50.0		90.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	43.1		u	50.0		86.2	52-149			
Surrogate: Toluene-d8	48.8		n	50.0		97.6	76-125			
Surrogate: 4-Bromofluorobenzene	44.3		"	50.0		88.6	66-145			
LCS (EB51405-BS1)				Prepared &	k Analyzed:	02/10/05				
Benzene	52.7		ug/kg	50.0		105	70-130			
Toluene	56.9		n	50.0		114	70-130			
Ethylbenzene	58.8		n	50.0		118	70-130			
Xylene (p/m)	105		n	100		105	70-130			
Xylene (o)	58.6			50.0		117	70-130			
Surrogate: Dibromofluoromethane	47.4		"	50.0	_	94.8	70-139		<u>.</u>	
Surrogate: 1,2-Dichloroethane-d4	51.7		n	50.0		103	52-149			
te: Toluene-d8	50.5		"	50.0		101	76-125			
Same gate: 4-Bromofluorobenzene	46.6		u	50.0		93.2	66-145			
Calibration Check (EB51405-CCV1)				Prepared:	02/10/05 A	nalyzed: 02	2/14/05			
Toluene	50.8		ug/kg	50,0		102	70-130		 	
Ethylbenzene	49.2		11	50.0		98.4	70-130			
Surrogate: Dibromofluoromethane	46.8	· ··· · · · · · · · · · · · · · · · ·		50.0		93.6	70-139			
Surrogate: 1,2-Dichloroethane-d4	41.8		"	50.0		83.6	52-149			
Surrogate: Toluene-d8	48.7		"	50.0		97.4	76-125			
Surrogate: 4-Bromofluorobenzene	48.6		"	50.0		97.2	66-145			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Shanna Smith

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Reported: 02/15/05 09:54

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB51405 - EPA 5030C (GCMS)	· · · · · · · · · · · · · · · · · · ·									
Matrix Spike (EB51405-MS1)	Sour	ce: 5B04025-	05	Prepared &	Analyzed:	02/10/05				
Benzene	1370		ug/kg	1250	ND	110	70-130			
Toluene	1440		11	1250	ND	115	70-130			
Ethylbenzene	1470		11	1250	ND	118	70-130			
Xylene (p/m)	2620		N	2500	ND	105	70-130			
Xylene (o)	1490		**	1250	ND	119	70-130			
Surrogate: Dibromofluoromethane	50.1		"	50.0		100	70-139			
Surrogate: 1,2-Dichloroethane-d4	51.5		"	50.0		103	52-149			
Surrogate: Toluene-d8	51.5		"	50.0		103	76-125			
Surrogate: 1-Bromofluorobenzene	48.4		"	50.0		96.8	66-145			
Matrix Spike Dup (EB51405-MSD1)	Sour	ce: 5B04025-	05	Prepared &	k Analyzed:	02/10/05				
Benzene	1280		ug/kg	1250	ND	102	70-130	7.55	20	
Toluene	1360		**	1250	ND	109	70-130	5.36	20	
Ethylbenzene	1380		"	1250	ND	110	70-130	7.02	20	
Xylene (p/m)	2510		ti	2500	ND	100	70-130	4.88	20	
Xylene (o)	1410		II	1250	ND	113	70-130	5.17	20	
Surrogate: Dibromofluoromethane	45.7		"	50.0		91.4	70-139			
Seegate: 1,2-Dichloroethane-d4	48.9		"	50.0		97.8	52-149			
ate: Toluene-d8	48.2		н	50.0		96.4	76-125			
Surrogate: 4-Bromofluorobenzene	45.3			50.0		90.6	66-145			

 Plains All American EH & S
 Project:
 Arco Getty
 Fax: (432) 687-4914

 1301 S. County Road 1150
 Project Number:
 2001-10849
 Reported:

 1and TX, 79706-4476
 Project Manager:
 Shanna Smith
 02/15/05 09:54

Notes and Definitions

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

Analyte DETECTED

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

	Kaland Kelitub		
Report Approved By:	Kimmer 1.	Date:	2/15/2005

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

Jeanne Mc Murrey, Inorg. Tech Director 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.

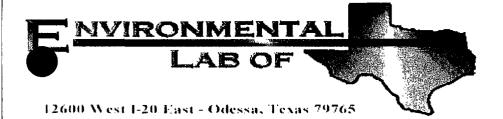
MS

Dup

Matrix Spike
Duplicate

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

Client: <u>Pains</u>			·
Date/Time: 2/4/05 1900			
Order #: 5804025			
Initials: <u>Cle</u>			
Sample Recei	ot Checkl	ist	
Temperature of container/cooler?	Yes	No	35 · c
Shipping container/cooler in good condition?	Yes	No	and the same of th
Custody Seals intact on shipping container/cooler?	Yes	No	Not present
Custody Seals intact on sample bottles?	4es	No	Not present
Chain of custody present?	d es	No	
Sample Instructions complete on Chain of Custody?	0.68	No	
Chain of Custody signed when relinquished and received?	Aes	No	
Chain of custody agrees with sample label(s)	Tes	No	
Container labels legible and Intact?	(Yes)	No	
Sample Matrix and properties same as on chain of custody?	Yes	No	
Samples in proper container/bottle?	Yes	No	
Samples properly preserved?	(रिके	No	
Sample bottles intact?	(Yes	No	
Preservations documented on Chain of Custody?	(Ves.	No	
Containers documented on Chain of Custody?	(Yes	No	
Sufficient sample amount for Indicated test?	(Fes)	No	
All samples received within sufficient hold time?	res	No	
VOC samples have zero headspace?	Yes	No	Not Applicable
Variance Docu Contact Person: Date/Time:	umentatio	on:	Contacted by:
Regarding:			
Corrective Action Taken:			



Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5B10015

Report Date: 02/22/05

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/22/05 14:24

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
NBH-1 25'	5B10015-01	Soil	02/10/05 07:45	02/10/05 15:57
NBH-1 30'	5B10015-02	Soil	02/10/05 08:07	02/10/05 15:57
NBH-1 35'	5B10015-03	Soil	02/10/05 08:26	02/10/05 15:57
NBH-1 40'	5B10015-04	Soil	02/10/05 08:44	02/10/05 15:57
NBH-1 45'	5B10015-05	Soil	02/10/05 09:04	02/10/05 15:57
NBH-1 50'	5B10015-06	Soil	02/10/05 09:44	02/10/05 15:57

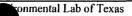
Plains All American EH & S 1301 S. County Road 1150 Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
02/22/05 14:24

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dibatia	Datel	Draness	Amelona	Mark - 3	31-4
	Kesuit	Linut	Otats	Dilution	Batch	Prepared	Analyzed	Method	Notes
NBH-1 25' (5B10015-01) Soil						-			
Gasoline Range Organics C6-C12	1280	10.0	mg/kg dry	1	EB51008	02/10/05	02/11/05	EPA 8015M	
Diesel Range Organics >C12-C35	1720	10.0	u	0	P	н	u	n .	
Total Hydrocarbon C6-C35	3000	10.0	"	"				11	
Surrogate: 1-Chlorooctane		112 %	70-13		"	"	"	"	
Surrogate: 1-Chlorooctadecane		95.2 %	70-13	30	"	"	"	"	
NBH-1 30' (5B10015-02) Soil									
Gasoline Range Organics C6-C12	3450	10.0	mg/kg dry	1	EB51008	02/10/05	02/11/05	EPA 8015M	
Diesel Range Organics >C12-C35	4390	10.0		•	n	11	ti	u	
Total Hydrocarbon C6-C35	7840	10.0	s)	11	u u	n	4	"	
Surrogate: 1-Chlorooctane		121 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		110 %	70-13	30	"	"	"	"	
NBH-1 35' (5B10015-03) Soil									
Gasoline Range Organics C6-C12	4910	10.0	mg/kg dry	1	EB51402	02/11/05	02/12/05	EPA 8015M	
Diesel Range Organics >C12-C35	6180	10.0	n		ü	4		ıı .	
Hydrocarbon C6-C35	11100	10.0	**	11	#	11	**		
Sur-ogate: 1-Chlorooctane		146 %	70-1.	30	"	"	"	"	S-0-
Surrogate: 1-Chlorooctadecane		85.6 %	70-1.	30	u	"	"	"	
NBH-1 40' (5B10015-04) Soil									
Gasoline Range Organics C6-C12	194	10.0	mg/kg dry	ı	EB51402	02/11/05	02/12/05	EPA 8015M	
Diesel Range Organics >C12-C35	492	10.0	**	H	41	н	и	u	
Total Hydrocarbon C6-C35	686	10.0	"	u	u	**	11	и	
Surrogate: 1-Chlorooctane		102 %	70-1.	30	"	"	"	"	
Surrogate: 1-Chlorooctadecane		98.6 %	70-1.	30	"	n	"	"	
NBH-1 45' (5B10015-05) Soil									
Gasoline Range Organics C6-C12	32.5	10.0	mg/kg dry	1	EB51402	02/11/05	02/12/05	EPA 8015M	
Diesel Range Organics >C12-C35	50.8	10.0	n	u	n	•	**	u	
Total Hydrocarbon C6-C35	83.3	10.0	**	н	*	**		u	
Surrogate: I-Chlorooctane		88.0 %	70-1.	30	"	"	u	,,	
Surrogate: 1-Chlorooctadecane		77.2 %	70-1.	30	ıı	,,		"	



Project: Arco Getty
Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/22/05 14:24

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NBH-1 50' (5B10015-06) Soil									
Gasoline Range Organics C6-C12	25.2	10.0	mg/kg dry	1	EB51402	02/11/05	02/12/05	EPA 8015M	
Diesel Range Organics >C12-C35	57.8	10.0	н		n	**	u		
Total Hydrocarbon C6-C35	83.0	10.0	"		ti.	n	**	"	
Surrogate: 1-Chlorooctane		109 %	70-1	30	"	n	"	n	
Surrogate: 1-Chlorooctadecane		93.2 %	70-1	30	"	**	,,	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

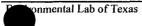
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Reported: 02/22/05 14:24

General Chemistry Parameters by EPA / Standard Methods

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
NBH-1 25' (5B10015-01) Soil									
% Moisture	5.1	0.1	%	1	EB51411	02/11/05	02/14/05	% calculation	
NBH-1 30' (5B10015-02) Soil									
% Moisture	3.9	0.1	%	1	EB51411	02/11/05	02/14/05	% calculation	
NBH-1 35' (5B10015-03) Soil									
% Moisture	4.4	0.1	%	1	EB51411	02/11/05	02/14/05	% calculation	
NBH-1 40' (5B10015-04) Soil									
% Moisture	3.4	0.1	%	1	EB51411	02/11/05	02/14/05	% calculation	
NBH-1 45' (5B10015-05) Soil									
% Moisture	8.8	0.1	%	1	EB51411	02/11/05	02/14/05	% calculation	
NBH-1 50' (5B10015-06) Soil									
% Moisture	22.3	0.1	%	1	EB51411	02/11/05	02/14/05	% calculation	



Plains All American EH & S 1301 S. County Road 1150 Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/22/05 14:24

Volatile Organic Compounds by EPA Method 8260B Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
NBH-1 25' (5B10015-01) Soil						.,			
Benzene	1480	500	ug/kg dry	500	EB52203	02/21/05	02/21/05	EPA 8260B	
Toluene	24800	500	23	u	n	**	n	n	
Ethylbenzene	10700	500	11	**	п			u	
Xylene (p/m)	37800	500	11	**	u	n	**	•	
Xylene (o)	16500	500	**	11	u				
Surrogate: Dibromofluoromethane		103 %	70-	139	"	n	a	"	
Surrogate: 1,2-Dichloroethane-d4		90.0 %	52-	149	**	#	"	"	
Surrogate: Toluene-d8		95.4 %	76-	125	"	n	"	"	
Surrogate: 4-Bromofluorobenzene		91.6 %	66-	145	n	"	,	"	
NBH-1 30' (5B10015-02) Soil									
Benzene	2200	500	ug/kg dry	500	EB52203	02/21/05	02/21/05	EPA 8260B	
Toluene	43100	500	u	u	**	u	4	н	
Ethylbenzene	26500	500	**	n		n	ıı	ıı	
Xylene (p/m)	50400	500	**	и	n	•	*	II .	
Xylene (o)	24900	500	n	n	ti	11	**	u	
gate: Dibromofluoromethane		101 %	70-	139	"	"	*	"	
gate: 1,2-Dichloroethane-d4		91.6%	52-	149	"	"	"	u	
Surrogate: Toluene-d8		96.0 %	76-	125	"	n	"	n	
Surrogate: 4-Bromofluorobenzene		90.8 %	66-	145	n	"	"	u	
NBH-1 35' (5B10015-03) Soil									
Benzene	3310	500	ug/kg dry	500	EB52203	02/21/05	02/21/05	EPA 8260B	
Toluene	49200	500	11	u	•	u	п	n	
Ethylbenzene	34300	500	41	ы		"	u	п	
Xylene (p/m)	54900	500	11	n	n	**	u	n	
Xylene (o)	32700	500		н	n	n		ır	
Surrogate: Dibromofluoromethane		106 %	70-	139	"	n	#	"	
Surrogate: 1,2-Dichloroethane-d4		92.4 %	52-	149	"	n	n	**	
Surrogate: Toluene-d8		97.2 %	76-	125	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		91.6%	66-	145	"	"	"	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

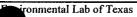
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Reported: 02/22/05 14:24

Volatile Organic Compounds by EPA Method 8260B

Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
NBH-1 40' (5B10015-04) Soil				Ditation	Daton	Trepared	Analyzeu	Wichlod	11010
Benzene	ND	25.0	ug/kg dry	25	EB52203	02/21/05	02/21/05	EPA 8260B	
Toluene	169		ug/kg ury	4.5		11	02/21/03	Et A 6200B	
	616	25.0	u				,,	*	
Ethylbenzene Valena (a (a)		25.0				"	н	"	
Xylene (p/m)	1320	25.0					"	n	
Xylene (o)	766	25.0 102 %	70-1						
Surrogate: Dibromofluoromethane Surrogate: 1,2-Dichloroethane-d4		89,2 %	52-1		,,	,,	,	,	
Surrogate: Toluene-d8		97.2 %	76-1		,,	,,	,,	,,	
-		96.2 %	66-1		,,	,,			
Surrogate: 4-Bromofluorobenzene		90.2 %	00-1	43		,,	•	.	
NBH-1 45' (5B10015-05) Soil									
Benzene	25.3	25.0	ug/kg dry	25	EB52203	02/21/05	02/21/05	EPA 8260B	
Toluene	1240	25.0	п	н		11	**		
Ethylbenzene	1650	25.0	н	**	u	н	ıı	и	
Xylene (p/m)	3410	25.0		**		n	**		
Xylene (o)	2020	25.0	n	ıı.		11		u	
gate: Dibromofluoromethane		96.4 %	70-	139	"	#	"	"	
gate: 1,2-Dichloroethane-d4		89.2 %	52-	149	,,	"	,,	,,	
Surrogate: Toluene-d8		94.6 %	76-	125	n	"	"	"	
Surrogate: 4-Bromofluorobenzene		93.6 %	66-	145	"	u	"	H	
NBH-1 50' (5B10015-06) Soil									
Benzene	89.5	25.0	ug/kg dry	25	EB52203	02/21/05	02/21/05	EPA 8260B	
Toluene	415	25.0	•		u	u	n	n	
Ethylbenzene	176	25.0	n	,,	"		11	n	
Xylene (p/m)	353	25.0	н	11	"	**	"	11	
Xylene (o)	164	25.0	*	11	u	11	и	u	
Surrogate: Dibromofluoromethane		92.0 %	70-	139	"	n	"	,,	
Surrogate: 1,2-Dichloroethane-d4		84.4 %	52-	149	#	u	<i>n</i>	,,	
Surrogate: Toluene-d8		98.0 %	76-	125	"	**	u	**	
Surrogate: 4-Bromofluorobenzene		94.6 %	66-	145	u	"	,,	"	



g	70.7		צא שווו	ט.טכ		<i>8.</i> £ע	10-130			
Surrogate: 1-Chlorooctadecane	39.6		"	50.0		79.2	70-130			
LCS (EB51008-BS1)				Prepared: 0	2/10/05 A	nalyzed: 02	2/11/05			
Gasoline Range Organics C6-C12	431	10.0	mg/kg wet	500		86.2	75-125			
Diesel Range Organics >C12-C35	443	10,0	u	500		88.6	75-125			
Total Hydrocarbon C6-C35	874	10.0	"	1000		87.4	75-125			
S ate: 1-Chlorooctane	45.0		mg/kg	50.0		90.0	70-130			
te: 1-Chlorooctadecane	39.2		"	50.0		78.4	70-130			
Calibration Check (EB51008-CCV1)				Prepared: 0	2/10/05 A	nalyzed: 02	2/11/05			
Gasoline Range Organics C6-C12	455		mg/kg	500		91.0	80-120			
Diesel Range Organics >C12-C35	551		"	500		110	80-120			
Total Hydrocarbon C6-C35	1010		"	1000		101	80-120			
Surrogate: 1-Chloroactane	43.1		"	50.0		86.2	70-130			
Surrogate: 1-Chlorooctadecane	39.8		n	50.0		79.6	70-130			
Matrix Spike (EB51008-MS1)	Source	e: 5B10005	-19	Prepared: 0	2/10/05 A	nalyzed: 02	2/11/05			
Gasoline Range Organics C6-C12	552	10.0	mg/kg dry	517	ND	107	75-125			
Diesel Range Organics >C12-C35	581	10.0	"	517	ND	112	75-125			
Total Hydrocarbon C6-C35	1130	10.0	u	1030	ND	110	75-125			
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0		96.6	70-130			
Surrogate: 1-Chlorooctadecane	38.5		"	50.0		77.0	70-130			
Matrix Spike Dup (EB51008-MSD1)	Source	e: 5B10005	i-19	Prepared: 0	02/10/05 A	nalyzed: 02	2/11/05			
Gasoline Range Organics C6-C12	556	10.0	mg/kg dry	517	ND	108	75-125	0.722	20	
Diesel Range Organics >C12-C35	577	10.0	ų	517	ND	112	75-125	0.691	20	
Total Hydrocarbon C6-C35	1130	10.0	11	1030	ND	110	75-125	0.00	20	
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.4	70-130			
Surrogate: 1-Chlorooctadecane	39.3		u	50.0		78.6	70-130			

Env:

ental Lab of Texas

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

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

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/22/05 14:24

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 EB51402 - Solvent Extraction (GC)										• • • • • • • • • • • • • • • • • • • •
Blank (EB51402-BLK1)				Prepared &	k Analyzed	: 02/11/05				
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	II .							
Total Hydrocarbon C6-C35	ND	10.0	u							
Surrogate: 1-Chlorooctane	40.3		mg/kg	50.0		80.6	70-130		-	
Surrogate: 1-Chlorooctadecane	35.7		**	50.0		71.4	70-130			
LCS (EB51402-BS1)				Prepared &	k Analyzed	: 02/11/05				
Gasoline Range Organics C6-C12	487	10.0	mg/kg wet	500		97.4	75-125			
Diesel Range Organics >C12-C35	489	10.0	11	500		97.8	75-125			
Total Hydrocarbon C6-C35	976	10.0	II	1000		97.6	75-125			
Surrogate: 1-Chlorooctane	48.5		mg/kg	50.0		97.0	70-130			
Surrogate: 1-Chlorooctadecane	38.6		**	50.0		77.2	70-130			
Calibration Check (EB51402-CCV1)				Prepared &	ż Analyzed	: 02/11/05				
Gasoline Range Organics C6-C12	456		mg/kg	500		91.2	80-120			
Diesel Range Organics >C12-C35	519			500		104	80-120			
Total Hydrocarbon C6-C35	975		н	1000		97.5	80-120			
Surrogate: 1-Chlorooctane	43.2			50.0		86.4	70-130			
e: 1-Chlorooctadecane	39.0		"	50.0		78.0	70-130			
Matrix Spike (EB51402-MS1)	Sou	rce: 5B10015	5-06	Prepared:	02/11/05 A	nalyzed: 02	/12/05			
Gasoline Range Organics C6-C12	659	10.0	mg/kg dry	644	25.2	98.4	75-125			
Diesel Range Organics >C12-C35	742	10.0		644	57.8	106	75-125			
Total Hydrocarbon C6-C35	1400	10.0	9	1290	83.0	102	75-125			
Surrogate: 1-Chlorooctane	49.4		mg/kg	50.0		98.8	70-130			
Surrogate: 1-Chlorooctadecane	40.0		"	50.0		80.0	70-130			
Matrix Spike Dup (EB51402-MSD1)	Sou	rce: 5B1001:	5-06	Prepared:	02/11/05 A	Analyzed: 02	/12/05			
Gasoline Range Organics C6-C12	620	10.0	mg/kg dry	644	25.2	92.4	75-125	6.10	20	
Diesel Range Organics >C12-C35	731	10.0	11	644	57.8	105	75-125	1.49	20	
Total Hydrocarbon C6-C35	1350	10.0	10	1290	83.0	98.2	75-125	3.64	20	
Surrogate: I-Chlorooctane	46.2		mg/kg	50.0	· · · · · · · · · · · · · · · · · · ·	92.4	70-130			
Surrogate: 1-Chlorooctadecane	36.9		"	50.0		73.8	70-130			

Project: Arco Getty

Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/22/05 14:24

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Environmental Lab of Texas

ĺ	•		Reporting		Spike	Source		%REC		RPD		1
i	Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	l
	<u> </u>											
	D-4-1 PD51411 (D											

Batch EB51411 - General Preparation (Prep)

 Blank (EB51411-BLK1)
 Prepared: 02/11/05 Analyzed: 02/14/05

 % Moisture
 ND
 0.1
 %

 Duplicate (EB51411-DUP1)
 Source: 5B10014-01
 Prepared: 02/11/05
 Analyzed: 02/14/05

 % Moisture
 10.9
 0.1
 %
 12.1
 10.4
 20

Project: Arco Getty Project Number: 2001-10849 Project Manager: Camille Reynolds Fax: (432) 687-4914 Reported:

02/22/05 14:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control **Environmental Lab of Texas**

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB52203 - EPA 5030C (GCMS)										
Blank (EBS2203-BLK1)				Prepared 8	k Analyzed:	02/21/05				
Benzene	ND	25.0	ug/kg wet							
Toluene	ND	25.0	n							
Ethylbenzene	ND	25.0								
Xylene (p/m)	ND	25.0	n							
Xylene (o)	ND	25.0								
Surrogate: Dibromofluoromethane	46.9		ug/kg	50.0		93.8	70-139			
Surrogate: 1,2-Dichloroethane-d4	42.5		"	50.0		85.0	52-149			
Surrogate: Toluene-d8	47.9		*	50.0		95.8	76-125			
Surrogate: 4-Bromofluorobenzene	45.1		"	50.0		90.2	66-145			
LCS (EB52203-BS1)				Prepared &	k Analyzed:	02/21/05				
Benzene	52.5		ug/kg	50.0		105	70-130			
Toluene	56.6		**	50.0		113	70-130			
Ethylbenzene	57.6		11	50.0		115	70-130			
Xylene (p/m)	103		п	100		103	70-130			
Xylene (o)	58.3		•	50.0		117	70-130			
Surrogate: Dibromofluoromethane	49.0		"	50.0		98.0	70-139			
Surrogate: 1,2-Dichloroethane-d4	48.9		n .	50.0		97.8	52-149			
Surrogate: Toluene-d8	50.8		"	50.0		102	76-125			
ate: 4-Bromofluorobenzene	48.5		•	50.0		97.0	66-145			
Calibration Check (EB52203-CCV1)				Prepared &	& Analyzed	: 02/21/05				
Toluene	52.1		ug/kg	50.0		104	70-130	 _		
Ethylbenzene	50.8		н	50.0		102	70-130			
Surrogate: Dibromofluoromethane	49.3		"	50.0		98.6	70-139			
Surrogate: 1,2-Dichloroethane-d4	44.8		"	50.0		89.6	52-149			
Surrogate: Toluene-d8	48.6		"	50.0		97.2	76-125			
Surrogate: 4-Bromofluorobenzene	46.8		**	50.0		93.6	66-145			



Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 02/22/05 14:24

Volatile Organic Compounds by EPA Method 8260B - Quality Control Environmental Lab of Texas

		Reporting	Spike	Source		%REC		RPD	
Analyte	Result	Limit Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EB52203 - EPA 5030C (GCMS)									
Matrix Spike (EB52203-MS1)	Sour	ce: 5B10015-06	Prepared &	Analyzed	02/21/05				
Benzene	1400	ug/kg	1250	69.5	106	70-130			
Toluene	1640		1250	322	105	70-130			
Ethylbenzene	1460	п	1250	137	106	70-130			
Xylene (p/m)	2610	**	2500	274	93.4	70-130			
Xylene (o)	1520	11	1250	127	111	70-130			
Surrogate: Dibromofluoromethane	45.2		50.0		90.4	70-139			
Surrogate: 1,2-Dichloroethane-d4	46.2	n	50.0		92.4	52-149			
Surrogate: Toluene-d8	46.6	n	50.0		93.2	76-125			
Surrogate: 4-Bromofluorobenzene	45.9	"	50.0		91.8	66-145			
Matrix Spike Dup (EB52203-MSD1)	Sour	ce: 5B10015-06	Prepared &	k Analyzed	: 02/21/05				
Benzene	1380	ug/kg	1250	69.5	105	70-130	0.948	20	
Toluene	1650	n	1250	322	106	70-130	0.948	20	
Ethylbenzene	1480	•	1250	137	107	70-130	0.939	20	
Xylene (p/m)	2550	u	2500	274	91.0	70-130	2.60	20	
Xylene (o)	1550	н	1250	127	114	70-130	2.67	20	
Surrogate: Dibromofluoromethane	44.9	н	50.0		89.8	70-139			
Supregate: 1,2-Dichloroethane-d4	46.1	"	50.0		92.2	52-149			
e: Toluene-d8	46.9	"	50.0		93.8	76-125			
Surrogate: 4-Bromofluorobenzene	45.8	n	50.0		91.6	66-145			

Plains All American EH & S 1301 S. County Road 1150 Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
02/22/05 14:24

Notes and Definitions

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

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 Kotub

Date:

2/22/2005

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.

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

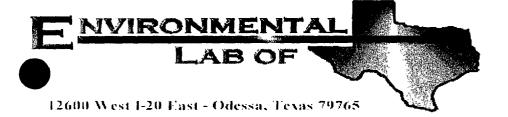
If you have received this material in error, please notify us immediately at 432-563-1800.

CHAIN OF CUSTODY RECORD Temp. of coolars 2 -5 % when received (C?): Atlanta Office 2855 Premiere Parkway, Suite C Puluth, Grongia 30097 (770) 623-0755 Pax (770) 623-9628 Lab Sample ID (Lab Use Only) 2 3 4 Page L of -03 P 70-- 05 100 5810015.01 Lab use only Due Date: 402glass on ice Wiseds Camille Roynolds Austin Office 5307 Industrial Onks Blvd. # 160 Austin, Texas 78735 (312) 442-1122 Fea. (512) 442-1181 B:11 : Plains ő St. - sludge NOTES: ENVIRONMENTAL, GEOTECHNICAL AND CONSTRUCTION MATERIALS SERVICES REQUESTED Time: 1557 L - Liquid A - Air Bag C - Charcoal tube 250 ml - Glass wide mouth P/O - Plastic or other. ANALYSIS Time: Time: Fort Worth Office 2601 Gravel Drive Rea Worth, Teas 76118 (817) 208-8600 Fex (817) 288-8602 × 2/ofts Dale Date: 85 E No/Type of Containers å7 ğ Time: Repeived by: (Signature)
Time: Received by: (Signature) Received by: (Signature) Received by: (Signature) PO/SO #: 2001-10849 Shame Smot G identifying Marks of Sample(s) The CO Dept In Unit 37 38 35, 105 5 Daltas Office 3901 Carpentor Freevey, State 100 Daltas, Texas 13247 (214) 630-1010 Fax (214) 630-7070 Sampler's Signature W - Water 5 Soil SD - Solid A/G - Amber / Or Glass 1 Liter 100% Rush Laboratory: Address: Contact: Phone: 301 S R 40, 121 S Time: Time: ARCO 6++4 N84- 1 ☐ 50% Rush Project Manager Shawer Land. NBH-1 NBH-1 J-Agra LHBV4 L. WOL Consulting Engineers & Scientists Oarte: Date: Project Name Office Location Midland, TX SHANNA Smith Turn around time D.Normal Religipuished by (Signature) OOE Houssian Office 11555 Cay Rosal, Suite 100 Houston, Texas 77045 (712) 690-8989 Fax (713) 590-8737 WW - Wastewater VOA - 40 mi vial Refinquished by (Signature) Relinquished by (Signature) 355 40% Time 82 5 844 709 444 227th06 3/10/65 Sampler's Name Date Matrix Container

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

Client: Plains P/L				
Date/Time: 02-10-05 @ 1657				
Order #:				
Initials: JMM				
Sample Receipt	Checkli	st		
Temperature of container/cooler?	(Yes)	No	2.5 C	
Shipping container/cooler in good condition?	Yes	No	N/A	
Custody Seals intact on shipping container/cooler?	Yes	No	Not present N/4	
Custody Seals intact on sample bottles?	(Yes	No	Not present	
Chain of custody present?	(763)	No		
Sample Instructions complete on Chain of Custody?	(Feb.	No		
Chain of Custody signed when relinquished and received?	(YES)	No		
Chain of custody agrees with sample label(s)	(Yes	No		
Container labels legible and intact?	(Ves)	No		
Sample Matrix and properties same as on chain of custody?	Yes	No		
Samples in proper container/bottle?	(Yas)	No		
Samples properly preserved?	(Yes)	No		
Sample bottles intact?	Yœs∕	No		
Preservations documented on Chain of Custody?	(es)	No		
Containers documented on Chain of Custody?	(Yes)	No		
Sufficient sample amount for indicated test?	(res	No		
All samples received within sufficient hold time?	(Yes)	No		
VOC samples have zero headspace?	Yes)	No	Not Applicable	
Other observations:			=p+ & 25/45/50	
				······································
· · · · · · · · · · · · · · · · · · ·				
Contact Person: - Sharre Smith Date/Time: 02-10 Regarding: headspace	entatio	n: \ <u>\S_7</u>	Contacted by: <u>Je</u>	wrone MCMum
Corrective Action Taken: Clientunderstands there was Ep Continue Wanalysis			xace.	
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Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5H10002

Report Date: 08/15/05

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
08/15/05 11:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
EWW- 1A	5H10002-01	Soil	08/08/05 14:05	08/10/05 08:45
SP- 7A	5H10002-02	Soil	08/09/05 13:55	08/10/05 08:45
SP- 9A	5H10002-03	Soil	08/09/05 14:10	08/10/05 08:45
SP- 10A	5H10002-04	Soil	08/09/05 14:15	08/10/05 08:45

Plains All American EH & S 1301 S. County Road 1150 Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 08/15/05 11:44

Organics by GC Environmental Lab of Texas

		Environi			/A45				
Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EWW- 1A (5H10002-01) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH51109	08/11/05	08/12/05	EPA 8021B	
Toluene	ND	0.0250	**		**	**	O O	u	
Ethylbenzene	ND	0.0250	u	**	n	*	**	16	
Xylene (p/m)	ND	0.0250	ĸ	"		11	**	н	
Xylene (o)	ND	0.0250	n		*	0	n	u	
Surrogate: a,a,a-Trifluorotoluene		104 %	80-1	20	"	"	"	H	
Surrogate: 4-Bromofluorobenzene		110 %	80-1	20	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH51018	08/10/05	08/10/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0		11	"	u		•	
Total Hydrocarbon C6-C35	ND	10.0	u	n	11	n	11	**	
Surrogate: 1-Chlorooctane		83.4 %	70-1	30	"	"	11	11	
Surrogate: 1-Chlorooctadecane		90.6 %	70-1	130	**	<i>n</i>	"	H	
SP- 7A (5H10002-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH51109	08/11/05	08/12/05	EPA 8021B	
Toluene	ND	0.0250	11	n	11	u	n	v	
enzene	ND	0.0250	u u	n	n	n	"	tr.	
λ,e (p/m)	ND	0.0250	n	u	H	"	u	n	
Xylene (o)	ND	0.0250	ti	a	u	u	u	n	
Surrogate: a,a,a-Trifluorotoluene		98.3 %	80-	120	и	u	11	н	
Surrogate: 4-Bromofluorobenzene		120 %	80-	120	n	tt .	ıı .	n	
Gasoline Range Organics C6-C12	J [9.73]	10.0	mg/kg dry	1	EH51018	08/10/05	08/10/05	EPA 8015M	
Diesel Range Organics >C12-C35	109	10.0	**		11	u	t t	*	
Total Hydrocarbon C6-C35	109	10.0		n	**	μ	n		
Surrogate: 1-Chlorooctane		79.2 %	70	130	H	"	п	,,	
Surrogate: 1-Chlorooctadecane		102 %	70	130	"	u	"	"	
SP- 9A (5H10002-03) Soil			_						
Benzene	ND	0.0250	mg/kg dry	25	EH51109	08/11/05	08/12/05	EPA 8021B	
Toluene	ND	0.0250		u	11	41	**	н	
Ethylbenzene	ND	0.0250		**	•	"	0	u	
Xylene (p/m)	ND	0.0250	**	u	n	•	tt	н	
Xylene (o)	ND	0.0250			tı	u	H		
Surrogate: a,a,a-Trifluorotoluene		101 %	80-	120	"	n	u	"	
Surrogate: 4-Bromofluorobenzene		113 %	80-	120	"	,,	n	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH51018	08/10/05	08/10/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	0.01	u	"	**	u	#		
Total Hydrocarbon C6-C35	ND	10.0	n	u	11	**	"	u	

onmental Lab of Texas

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Project: Arco Getty

Project Number: 2001-10849 Project Manager: Camille Reynolds Fax: (432) 687-4914

Reported: 08/15/05 11:44

Organics by GC **Environmental Lab of Texas**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SP- 9A (5H10002-03) Soil								· · · · · · · · · · · · · · · · · · ·	
Surrogate: 1-Chlorooctane		86.2 %	70-1.	30	EH51018	08/10/05	08/10/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		96.2 %	70-1.	30	"	"	**	"	
SP- 10A (5H10002-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EH51109	08/11/05	08/12/05	EPA 8021B	
Toluene	ND	0.0250	**	н				u	
Ethylbenzene	ND	0.0250	a)	u	"	**	"	n	
Xylene (p/m)	ND	0.0250	п		11	п	ij	n	
Xylene (o)	ND	0.0250	п	"	п	"	n	n	
Surrogate: a,a,a-Trifluorotoluene		98.6 %	80-1	20	"	"	"	"	
Surrogate: 4-Bromofluorobenzene		105 %	80-1	20	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EH51018	08/10/05	08/10/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	н		**		"	"	
Total Hydrocarbon C6-C35	ND	10.0	"	n		**	ti	**	
Surrogate: 1-Chlorooctane		85.6 %	70-1	30	"	п	"	W	
Surrogate: 1-Chlorooctadecane		97.6 %	70-1	30	n	"	и	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 08/15/05 11:44

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

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
EWW- 1A (5H10002-01) Soil									
% Moisture	28.5	0.1	%	ı	EH51102	08/10/05	08/11/05	% calculation	
SP- 7A (5H10002-02) Soil									
% Moisture	10.1	0.1	%	i	EH51102	08/10/05	08/11/05	% calculation	
SP- 9A (5H10002-03) Soil									
% Moisture	20.1	0.1	%	1	EH51102	08/10/05	08/11/05	% calculation	
SP- 10A (5H10002-04) Soil									
% Moisture	16.5	0.1	%	1	EH51102	08/10/05	08/11/05	% calculation	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

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Reported: 08/15/05 11:44

Amelia	nle	Reporting	T T:	Spike	Source	N/DEC	%REC	DDD	RPD	Maria
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EH51018 - Solvent Extraction (GC)			<u>.</u>							
Blank (EH51018-BLK1)				Prepared &	k Analyzed:	08/10/05				
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	42.5		mg/kg	50.0		85.0	70-130			
Surrogate: I-Chlorooctadecane	47.5		,,	50.0		95.0	70-130			
LCS (EH51018-BS1)				Prepared &	k Analyzed:	08/10/05				
Gasoline Range Organics C6-C12	445	10.0	mg/kg wet	500		89.0	75-125			
Diesel Range Organics >C12-C35	458	10.0		500		91.6	75-125			
Total Hydrocarbon C6-C35	903	10.0	II .	1000		90.3	75-125			
Surrogate: 1-Chlorooctane	45.7		mg/kg	50.0		91.4	70-130			
Surrogate: 1-Chlorooctadecane	54.0		n	50.0		108	70-130			
Calibration Check (EH51018-CCV1)				Prepared: (08/10/05 A	nalyzed: 08	/11/05			
Gasoline Range Organics C6-C12	427		mg/kg	500		85.4	80-120			
Diesel Range Organics >C12-C35	447		n	500		89.4	80-120			
Total Hydrocarbon C6-C35	874		u	1000		87.4	80-120			
Surrogate: 1-Chlorooctane	48.3			50.0		96.6	0-200			
te: 1-Chlorooctadecane	55.5		"	50.0		111	0-200			
Matrix Spike (EH51018-MS1)	Sour	ce: 5H0900	8-01	Prepared &	& Analyzed	: 08/10/05				
Gasoline Range Organics C6-C12	450	10.0	mg/kg dry	518	ND	86.9	75-125			
Diesel Range Organics >C12-C35	452	10.0		518	ND	87.3	75-125			
Total Hydrocarbon C6-C35	902	10.0		1040	ND	86.7	75-125			
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.0	70-130			
Surrogate: 1-Chlorooctadecane	54.4		,,	50.0		109	70-130			
Matrix Spike Dup (EH51018-MSD1)	Sour	ce: 5H0900	8-01	Prepared &	& Analyzed	: 08/10/05				
Gasoline Range Organics C6-C12	464	10.0	mg/kg dry	518	ND	89.6	75-125	3.06	20	
Diesel Range Organics >C12-C35	469	10.0	ir	518	ND	90.5	75-125	3.69	20	
Total Hydrocarbon C6-C35	933	10.0	**	1040	ND	89.7	75-125	3.38	20	
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	70-130			
Surrogate: 1-Chlorooctadecane	56.5		*	50.0		113	70-130			

Project: Arco Getty
Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 08/15/05 11:44

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Límits	RPD	RPD Limit	Notes
Batch EH51109 - EPA 5030C (GC)			 							
Blank (EH51109-BLK1)				Prepared: 0	08/11/05 A	nalyzed: 08	/12/05		-	
Benzene	ND	0.0250	mg/kg wet							
l'oluene	ND	0.0250	μ							
Ethylbenzene	ND	0.0250	u							
Xylene (p/m)	ND	0.0250	11							
Xylene (o)	ND	0.0250	ıı							
Surrogate: a,a,a-Trifluorotoluene	97.4		ug/kg	100		97.4	80-120			
Surrogale: 4-Bromofluorohenzene	92.9		"	100		92.9	80-120			
LCS (EH51109-BS1)				Prepared &	Analyzed:	08/11/05				
Benzene	86.0	· · · · · · · · · · · · · · · · · · ·	ug/kg	100		86.0	80-120			
Toluene	87.2		н	100		87.2	80-120			
Ethylbenzene	83.6		*	100		83.6	80-120			
Xylene (p/m)	173		**	200		86.5	80-120			
Xylene (a)	80.7		11	100		80.7	80-120			
Surrogate: a,a,a-Trifluorotoluene	108		"	100		108	80-120			
Surrogate: 4-Bromofluorobenzene	108		"	100		108	80-120			
Calibration Check (EH51109-CCV1)				Prepared &	k Analyzed:	08/11/05				
Benzene	96.7		ug/kg	100		96.7	80-120			
ne	93.9		10	100		93.9	80-120			
ibenzene	86.9		41	100		86.9	80-120			
Xylene (p/m)	177		11	200		88.5	80-120			
Xylene (o)	82.5		u	100		82.5	80-120			
Surrogate: a,a,a-Trifluorotoluene	117		"	100		117	0-200			
Surrogate: 4-Bromofluorobenzene	118		"	100		118	0-200			
Matrix Spike (EH51109-MS1)	Sou	rce: 5H1101'	7-01	Prepared: (08/11/05 A	nalyzed: 08	1/12/05			
Benzene	2.28	0.00100	mg/kg dry	2.84	ND	80.3	80-120		··	
Toluene	2.38	0.00100	u	2,84	0.0215	83.0	80-120			
Ethylbenzene	2.32	0.00100	u	2.84	ND	81.7	80-120			
Xylene (p/m)	4.71	0.00100	u	5.68	0.0812	81.5	80-120			
Xylene (o)	2.29	0.00100	u	2.84	0.0339	79.4	80-120			Ç
Surrogate: a,a,a-Trifluorotoluene	100		ug/kg	100		100	80-120			
Surrogate: 4-Bromofluorobenzene	109		»							



Project: Arco Getty

Project Number: 2001-10849

Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 08/15/05 11:44

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch EH51109 - EPA 5030C (GC)										
Matrix Spike Dup (EH51109-MSD1)	Sour	ce: 5H11017	-01	Prepared: (08/11/05 A	nalyzed: 08	/12/05			
Benzene	2.53	0.00100	mg/kg dry	2.84	ND	89.1	80-120	10.4	20	
Toluene	2.54	0.00100	"	2.84	0.0215	88.7	80-120	6.64	20	
Ethylbenzene	2.47	0.00100		2.84	ND	87.0	80-120	6.28	20	
Xylene (p/m)	5.09	0.00100	н	5.68	0.0812	88.2	80-120	7.90	20	
Xylene (o)	2.34	0.00100	"	2.84	0.0339	81.2	80-120	2.24	20	
Surrogate: a,a,a-Trifluorotoluene	90.6		ug/kg	100		90.6	80-120			
Surrogate: 4-Bromofluorobenzene	101		"	100		101	80-120			

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

Report Approved By: Report Approved By:	Date: 8/15/2005
Celey D. Keene, Lab Director, Org. Tech Director	leanne Mc Murrey, Inorg. Tech Director LaTasha Cornish, Chemist Sandra Sanchez, Lab Tech.
This material is intended only for the use of the individual (s) of information that is privileged and confidential.	
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LCS

MS

Dup

Laboratory Control Spike

Matrix Spike

Duplicate

 $\sqrt{\kappa_{2}} \frac{1}{2} \frac{n^{2} k_{2}}{R_{1}}$

 $U_{i,j}(x) = U_{i,j}(x) \cup U_{i,j}(x)$

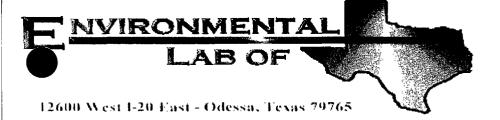
100

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

	•		•	
Plains	•			
Date/Time: 8/10/05 6:45				
valer line. 410/05 0.46				
Order #:				
A				
nitials:				
Sample Receipt	Checkli	st		
emperature of container/cooler?	Yes	No	-1.5 C	
Shipping container/cooler in good condition?	Yes	No		
Custody Seals intact on shipping container/cooler?	Yes	No	Not present	
Custody Seals intact on sample bottles?	Yes	No	Not present	
chain of custody present?	(Wes	No		
ample Instructions complete on Chain of Custody?	Xes.	No		
chain of Custody signed when relinquished and received?	Yes	No		
chain of custody agrees with sample label(s)	(es)	No		
Container labels legible and intact?	Yes	No		
Sample Matrix and properties same as on chain of custody?	Xes,	No		
Samples in proper container/bottle?	es.	No		
Samples properly preserved?	Yes	No		
Sample bottles intact?	(es	No		
Preservations documented on Chain of Custody?	yes,	No		
Containers documented on Chain of Custody?	Yes	No		
Sufficient sample amount for indicated test?	Yes.	No		
amples received within sufficient hold time?	/Yes	No		
samples have zero headspace?	(139)	No	Not Applicable	
Other observations:				
Variance Docui Contact Person: - Date/Time: Regarding:			Contacted by:	
Corrective Action Taken:				Militaria de la companya de la comp
	•			

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Analytical Report

Prepared for:

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

Project: Arco Getty

Project Number: 2001-10849

Location: None Given

Lab Order Number: 5112010

Report Date: 09/19/05

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
09/19/05 12:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW-1 5'	5112010-01	Soil	09/09/05 09:25	09/12/05 11:25
MW-1 20'	5[12010-02	Soil	09/09/05 09:40	09/12/05 11:25
MW-1 45'	5112010-03	Soil	09/09/05 09:49	09/12/05 11:25
MW-2 5'	5112010-04	Soil	09/09/05 13:23	09/12/05 11:25
MW-2 20'	5112010-05	Soil	09/09/05 13:36	09/12/05 11:25
MW-2 45'	5112010-06	Soil	09/09/05 13:42	09/12/05 11:25
MW-3 5'	5112010-07	Soil	09/09/05 14:57	09/12/05 11:25
MW-3 20'	5112010-08	Soil	09/09/05 15:10	09/12/05 11:25
MW-3 40'	5112010-09	Soil	09/09/05 15:15	09/12/05 11:25

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
09/19/05 12:23

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 5' (5112010-01) Soil				Dilution	Dateil	1 tepated	Allalyzeu		NOICE
Benzene	ND	0.0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	EPA 8021B	
Toluene	ND	0.0250	"	"	"	"	"		
Ethylbenzene	ND	0.0250	n	"	11		97		
Xylene (p/m)	0.0772	0.0250	11			"		69	
Xylene (o)	J [0.0198]	0.0250	•	**	"	u			
Surrogate: a,a,a-Trifluorotoluene		95.8 %	80-	120	»	n	n	n	
Surrogate: 4-Bromofluorobenzene ,		88.5 %	80-	120	n	,,	,,	*	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	ı	E151308	09/13/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	11	11		•	11	tr	
Total Hydrocarbon C6-C35	ND	10.0	•	11	"	**	n	a	
Surrogate: 1-Chlorooctane		75.4 %	70-	130	"	"	"	"	
Surrogate: 1-Chlorooctadecane		71.0 %	7 0	130	"	"	n	"	
MW-1 20' (5112010-02) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	EPA 8021B	
Toluene	ND	0.0250	**	ıı	u u	n	tr	61	
Et	ND	0.0250	**	u	"	n	u	#	
Xy (p/m)	ND	0.0250	II .	п	**	**	u		
Xylene (o)	ND	0.0250	ıı	и	n			n	
Surrogate: a,a,a-Trifluorotoluene		97.3 %	80-	120	"	**	11	n .	
Surrogate: 4-Bromofluorobenzene		92.0 %	80-	120	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51308	09/13/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	u	u	н	0	*	u	
Total Hydrocarbon C6-C35	ND	10.0			•		ıı		
Surrogate: 1-Chlorooctane		79.2 %	70-	130	"	,,	"	"	
Surrogate: 1-Chlorooctadecane		70.0 %	70-	130	"	"	**	,,	
MW-1 45' (5I12010-03) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	EPA 8021B	
Toluene	ND	0.0250	"	н	tt	"	u	п	
Ethylbenzene	ND	0.0250	u			11	u	"	
Xylene (p/m)	0.0399	0.0250	11	4	u	"	ıı	u	
Xylene (o)	ND	0.0250	10			н		44	
Surrogate: a,a,a-Trifluorotoluene		94.4 %	80-	120	11	"	,,	н	
Surrogate: 4-Bromofluorobenzene		94.1 %	80-	120	"	"	,,	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	E151308	09/13/05	09/14/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	et	n	n	**	u	
Total Hydrocarbon C6-C35	ND	10.0	n	п	н	н	ıı	•	

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Project: Arco Getty
Number: 2001-10849

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Organics by GC Environmental Lab of Texas

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 45' (5112010-03) Soil									
Surrogate: 1-Chlorooctane		79.0 %	70-1	30	E151308	09/13/05	09/14/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		71.4 %	70-1	30	"	u	"	**	
MW-2 5' (5112010-04) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	EPA 8021B	
Toluene	ND	0.0250		п	**	*1	11	u	
Ethylbenzene	ND	0.0250	"	b	n	n	11	n	
Xylene (p/m)	ND	0.0250	H.	11	41	**	n	tı	
Xylene (o)	ND	0.0250	u	.,	u	11	"	н	
Surrogate: a,a,a-Trifluorotoluene		91.7 %	80-1	20	n	"	n	ıı .	
Surrogate: 4-Bromofluorobenzene		85.1 %	80-1	20	"	u	n	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51308	09/13/05	09/14/05	EPA 8015M	
Diesei Range Organics >C12-C35	ND	10.0			"	"	**	•	
Total Hydrocarbon C6-C35	ND	10.0	п	н	п	u	**	a	
Surrogate: 1-Chlorooctane		86.4 %	70-1	30	"	"	n	"	
Surrogate: 1-Chlorooctadecane		72.8 %	70-1	30	*	**	15	**	
M 20' (5112010-05) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51404	09/14/05	09/14/05	EPA 8021B	
Toluene	ND	0.0250	**	11	**	n	п	•	
Ethylbenzene	ND	0.0250	•	ıı .	**	**		u	
Xylene (p/m)	ND	0.0250	n	н	11	n		u	
Xylene (o)	ND	0.0250	n	n	11	n	и	и	
Surrogate: a,a,a-Trifluorotoluene		94.4 %	80-1	20	"	,	"	"	
Surrogate: 4-Bromofluorobenzene		90.0 %	80-1	20	"	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51308	09/13/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	n	"	11		n	11	
Total Hydrocarbon C6-C35	ND	10.0	n	11	11	n		н	
Surrogate: 1-Chlorooctane		76.8 %	70-1	30	"	"	,,	n .	
Surrogate: 1-Chlorooctadecane		70.4 %	70-1	30	,,	"	"	"	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Note
MW-2 45' (5112010-06) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51503	09/15/05	09/15/05	EPA 8021B	
Toluene	ND	0.0250	**	u	**	**		n .	
Ethylbenzene	ND	0.0250	n	11	a	H	n	u .	
Xylene (p/m)	ND	0.0250	II		"	**	11	"	
Xylene (o)	ND	0.0250				н	н		
Surrogate: a,a,a-Trifluorotoluene		94.6 %	80-	120	"	"	•	**	
Surrogate: 4-Bromofluorobenzene		88.0 %	80-	120	"	#	"		
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	E151308	09/13/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	ıı	н	11	11		
Total Hydrocarbon C6-C35	ND	10.0	н		H	u		и	
Surrogate: 1-Chlorooctane		80.2 %	70-	130	#	"	"	"	
Surrogate: 1-Chlorooctadecane		73.6 %	70-	130	,,	и	n	n	
MW-3 5' (5112010-07) Soil									
Benzene	ND	0.0250	mg/kg dry	25	£151503	09/15/05	09/15/05	EPA 8021B	
Toluene	ND	0.0250		u	u	**	n	**	
nzene	ND	0.0250	u			n	u	11	
(p/m)	ND	0.0250	"	u	н	п	u	и	
Xylene (o)	ND	0.0250	"	**	n	II .	n	п	
Surrogate: a,a,a-Trifluorotoluene		93.7 %	80-	120	n	"	"	,	
Surrogate: 4-Bromofluorobenzene		90.9 %	<i>80-</i>	120	"	"	**	n	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	E151308	09/13/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	*	**		п	**	tt.	
Total Hydrocarbon C6-C35	ND	10.0	н	**	11	*	u	0	
Surrogate: 1-Chlorooctane		87.0 %	70-	130	"	н	"	"	
Surrogate: I-Chlorooctadecane		77.2 %	70-	130	"	"	"	n	
MW-3 20' (5112010-08) Soil									
Benzene	ND	0.0250	mg/kg dry	25	EI51503	09/15/05	09/15/05	EPA 8021B	_
Toluene	ND	0.0250	*	**	**		11		
Ethylbenzene	ND	0.0250	u	11	*		**	•	
Xylene (p/m)	ND	0.0250	11	41		w	ıı	*1	
Xylene (o)	ND	0.0250	и	"		"	n		
Surrogate: a,a,a-Trifluorotoluene		91.2 %	80-	120	,,	"	,,	"	
Surrogate: 4-Bromofluorobenzene		91.2 %	80-	120		"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51308	09/13/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	**	н	**	H	**	u	
Total Hydrocarbon C6-C35	ND	10.0	•	u				n	

nmental Lab of Texas

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

Project: Arco Getty

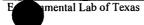
Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Organics by GC Environmental Lab of Texas

Analyte	Result	Reporting Limit	Units	~	5				
Analyte	Kesuit	Dinin	Olits	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-3 20' (5112010-08) Soil									
Surrogate: 1-Chlorooctane		78.0 %	70-1	30	EI51308	09/13/05	09/15/05	EPA 8015M	
Surrogate: 1-Chlorooctadecane		73.4 %	70-1	30	"	u	"	"	
MW-3 40' (5112010-09) Soil									
Benzene	ND	0,0250	mg/kg dry	25	EI51503	09/15/05	09/15/05	EPA 8021B	
Toluene	ND	0.0250	11	ti	11	II .	u		
Ethylbenzene	ND	0.0250	u	u	"		u	1)	
Xylene (p/m)	ND	0.0250	u		n	n	u	10	
Xylene (o)	ND	0.0250		4	11	•	ıı	•	
Surrogate: a,a,a-Trifluorotoluene		95.1 %	80-1	20	"	"	"	н	
Surrogate: 4-Bromofluorobenzene		90.9 %	80-1	20	n	"	"	"	
Gasoline Range Organics C6-C12	ND	10.0	mg/kg dry	1	EI51308	09/13/05	09/15/05	EPA 8015M	
Diesel Range Organics >C12-C35	ND	10.0	"	"	11	"	"	н	
Total Hydrocarbon C6-C35	ND	10.0	u	11	11	**	u	н	
Surrogate: 1-Chlorooctane		80.8 %	70-1	30	,,	"	U	n.	
Surrogate: 1-Chlorooctadecane		73.4 %	70-1	30	"	"	tr	"	



Project: Arco Getty
Project Number: 2001-10849

Fax: (432) 687-4914

Reported:
09/19/05 12:23

Project Manager: Camille Reynolds

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

		Reporting							*
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
MW-1 5' (5112010-01) Soil									
% Moisture	25.0	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	
MW-1 20' (5112010-02) Soil									
% Moisture	24.0	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	
MW-1 45' (5112010-03) Soil									
% Moisture	4.4	0.1	%	i	EI51416	09/14/05	09/14/05	% calculation	
MW-2 5' (5112010-04) Soil									
% Moisture	10.9	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	
MW-2 20' (5112010-05) Soil									
% Moisture	15.8	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	
MW-2 45' (5112010-06) Soil									
% Moisture	6.1	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	
M - 5 5' (5112010-07) Soil									
% Moisture	9.5	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	
MW-3 20' (5112010-08) Soil									
% Moisture	5.2	1.0	%	1	EI51416	09/14/05	09/14/05	% calculation	-
MW-3 40' (5112010-09) Soil									
% Moisture	19.5	0.1	%	1	EI51416	09/14/05	09/14/05	% calculation	

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	Kesun	Litat	Ottics	Level	Result	ARCEC	Chillis	KI D	Lunu	Notes
Batch EI51308 - Solvent Extraction (GC)						 -				
Blank (EI51308-BLK1)				Prepared: 0	9/13/05 A	nalyzed: 09	/14/05			
Gasoline Range Organics C6-C12	ND	10.0	mg/kg wet							
Diesel Range Organics >C12-C35	ND	10.0	11							
Total Hydrocarbon C6-C35	ND	10.0								
Surrogate: 1-Chlorooctane	40.2		mg/kg	50.0		80.4	70-130			
Surrogate: 1-Chlorooctadecane	42.0		"	50.0		84.0	70-130			
LCS (E151308-BS1)				Prepared: 0)9/13/05 Ai	nalyzed: 09	/14/05			
Gasoline Range Organics C6-C12	418	10.0	mg/kg wet	500		83.6	75-125			
Diesel Range Organics >C12-C35	440	10.0	11	500		88.0	75-125			
Total Hydrocarbon C6-C35	858	10.0	**	1000		85.8	75-125			
Surrogate: 1-Chlorooctane	45.8		mg/kg	50.0		91.6	70-130			
Surrogate: 1-Chlorooctadecane	49.7		"	50.0		99.4	70-130			
Calibration Check (EI51308-CCV1)				Prepared: 0	09/13/05 A	nalyzed: 09	/15/05			
Gasoline Range Organics C6-C12	415		mg/kg	500		83.0	80-120			
Diesel Range Organics >C12-C35	441		Ü	500		88.2	80-120			
Total Hydrocarbon C6-C35	856		u	1000		85.6	80-120			
Surrogate: 1-Chlorooctane	45.2		"	50.0		90.4	0-200			
1-Chlorooctadecane	40.3		**	50.0		80.6	0-200			
Matrix Spike (El51308-MS1)	Sou	rce: 5I12010	-01	Prepared: (09/13/05 A	nalyzed: 09	/14/05			
Gasoline Range Organics C6-C12	522	10.0	mg/kg dry	667	ND	78.3	75-125			
Diesel Range Organics >C12-C35	594	10.0	"	667	ND	89.1	75-125			
Total Hydrocarbon C6-C35	1120	10.0	n n	1330	ND	84.2	75-125			
Surrogate: 1-Chlorooctane	42.6		mg/kg	50.0		85.2	70-130			
Surrogate: 1-Chlorooctadecane	45.5		n	5 0 .0		91.0	70-130			
Matrix Spike Dup (EI51308-MSD1)	Sou	rce: 5I12010	-01	Prepared: (09/13/05 A	nalyzed: 09	/14/05			
Gasoline Range Organics C6-C12	523	10.0	mg/kg dry	667	ND	78.4	75-125	0.191	20	
Diesel Range Organics >C12-C35	584	10.0	n	667	ND	87.6	75-125	1.70	20	
Total Hydrocarbon C6-C35	1110	10.0	ti	1330	ND	83.5	75-125	0.897	20	
Surrogate: 1-Chlorooctane	42.5		mg/kg	50.0		85.0	70-130			
Surrogate: 1-Chlorooctadecane	45.2		•	50.0		90.4	70-130			

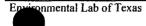
Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch E151404 - EPA 5030C (GC)										
Blank (EI51404-BLK1)				Prepared &	k Analyzed:	09/14/05				
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	**							
Ethylbenzene	ND	0.0250	11							
Xylene (p/m)	ND	0.0250	**							
Xylene (o)	ND	0.0250								
Surrogate: a,a,a-Trifluorotoluene	93.9		ug/kg	100		93.9	80-120			
Surrogate: 4-Bromofluorobenzene	91.2		"	100		91.2	80-120			
LCS (EI51404-BS1)				Prepared &	k Analyzed	09/14/05				
Benzene	90.1		ug/kg	100		90.1	80-120			
Toluene	94.0		н	100		94.0	80-120			
Ethylbenzene	107		N	100		107	80-120			
Xylene (p/m)	204		и	200		102	80-120			
Xylene (o)	109		u	100		109	80-120			
Surrogate: a,a,a-Trifluorotoluene	97.4		"	100		97.4	80-120			
Surrogate: 4-Bromofluorobenzene	103		,,	100		103	80-120			
Calibration Check (EI51404-CCV1)				Prepared &	& Analyzed	: 09/14/05				
Be	88.9		ug/kg	100		88.9	80-120			
т	89.8		tr	100		89.8	80-120			
Ethylbenzene	101		11	100		101	80-120			
Xylene (p/m)	193			200		96.5	80-120			
Xylene (o)	105		er .	100		105	80-120			
Surrogate: a,a,a-Trifluorotoluene	94.2		<i>n</i>	100		94.2	0-200			
Surrogate: 4-Bromofluorobenzene	96.2		"	100		96.2	0-200			
Matrix Spike (EI51404-MS1)	Sou	rce: 5I13009	0-01	Prepared &	& Analyzed	: 09/14/05				
Benzene	89.9		ug/kg	100	ND	89.9	80-120			
Toluene	92.9		"	100	ND	92.9	80-120			
Ethylbenzene	104		n	100	ND	104	80-120			
Xylene (p/m)	197		19	200	ND	98.5	80-120			
Xylene (o)	103		11	100	ND	103	80-120			
Surrogate: a,a,a-Trifluorotoluene	95.6		"	100		95.6	80-120			
Surrogate: 4-Bromofluorobenzene	91.4		"	100		91.4	80-120			



Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
	resuit			20101	TO SUIT	70143.0				110103
Batch EI51404 - EPA 5030C (GC)										
Matrix Spike Dup (EI51404-MSD1)	Sou	rce: 5113009-	01	Prepared &	Analyzed:	09/14/05				
Benzene	89.1		ug/kg	100	ND	89.1	80-120	0.894	20	
Toluene	93.0		"	100	ND	93.0	80-120	0.108	20	
Ethylbenzene	104			100	ND	104	80-120	0.00	20	
Xylene (p/m)	197		**	200	ND	98.5	80-120	0.00	20	
Xylene (o)	103		10	100	ND	103	80-120	0.00	20	
Surrogate: a,a,a-Trifluorotoluene	96.8		и	100		96.8	80-120			
Surrogate: 4-Bromofluorobenzene	94.2		"	100		94.2	80-120			
Batch EI51503 - EPA 5030C (GC)										
Blank (E151503-BLK1)				Prepared &	k Analyzed:	09/15/05				
Benzene	ND	0.0250	mg/kg wet							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
Xylene (p/m)	ND	0.0250	H							
Xylene (o)	ND	0.0250	n							
Surrogate: a,a,a-Trifluorotoluene	94.9		ug/kg	100		94.9	80-120			
Surrogate: 4-Bromofluorobenzene	87.3		"	100		<i>87.3</i>	80-120			
1,51503-BS1)				Prepared &	k Analyzed	09/15/05				
Ben	96.3		ug/kg	100		96.3	80-120			
Toluene	99.6			100		99.6	80-120			
Ethylbenzene	114		n	100		114	80-120			
Xylene (p/m)	215		п	200		108	80-120			
Xylene (a)	114		11	100		114	80-120			
Surrogate: a,a,a-Trifluorotoluene	108		"	100		108	80-120			·
Surrogate: 4-Bromofluorobenzene	103		,,	100		103	80-120			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

Organics by GC - Quality Control

Environmental Lab of Texas

		Reporting	Spike	Source		%REC	EC RPD		
Analyte	Result	Limit Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EI51503 - EPA 5030C (GC)									
Calibration Check (EI51503-CCV1)			Prepared: (09/15/05 A	nalyzed: 09	9/16/05			
Benzene	93.8	ug/kg	100		93.8	80-120			
Toluene	93.2	n	100		93.2	80-120			
Ethylbenzene	104		100		104	80-120			
Xylene (p/m)	198	ti	200		99.0	80-120			
Xylene (o)	106	"	100		106	80-120			
Surrogate: a,a,a-Trifluorotoluene	100	н	100		100	0-200			
Surrogate: 4-Bromofluorobenzene	100	n	100		100	0-200			
Matrix Spike (EI51503-MS1)	Sour	ce: 5I13010-10	Prepared:	09/15/05 A	nalyzed: 09	0/16/05			
Benzene	82.2	ug/kg	100	ND	82.2	80-120			
Toluene	85.7	"	100	ND	85.7	80-120			
Ethylbenzene	96.1	w	100	ND	96.1	80-120			
Xylene (p/m)	185	11	200	ND	92.5	80-120			
Xylene (o)	97.9	n	100	ND	97.9	80-120			
Surrogate: a,a,a-Trifluorotoluene	91.2	"	100		91.2	80-120			
Surrogate: 4-Bromofluorobenzene	93.8	H	100		93.8	80-120			
Matrix Spike Dup (EI51503-MSD1)	Sour	ce: 5113010-10	Prepared:	09/15/05 A	nalyzed: 09	9/16/05			
Bes	89.2	ug/kg	100	ND	89.2	80-120	8.17	20	
Tol.	93.8	u	100	ND	93.8	80-120	9.03	20	
Ethylbenzene	108	11	100	ND	108	80-120	11.7	20	
Xylene (p/m)	206	u	200	ND	103	80-120	10.7	20	
Xylene (o)	111	II	100	ND	111	80-120	12.5	20	
Surrogate: a,a,a-Trifluorotoluene	94.3	"	100		94.3	80-120			· · · · · · · · · · · · · · · · · · ·
Surrogate: 4-Bromofluorobenzene	105	"	100		105	80-120			

Project: Arco Getty

Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported: 09/19/05 12:23

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

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch EI51416 - General Preparation (Prep)										
Blank (EI51416-BLK1)	Prepared & Analyzed: 09/14/05									
% Solids	100		%							
Duplicate (EI51416-DUP1)	Source: 5I12010-01			Prepared & Analyzed: 09/14/05						
% Solids	77.0		%		75.0			2.63	20	
Duplicate (EI51416-DUP2)	Source: 5113002-03		Prepared & Analyzed: 09/14/05							
% Solids	96.0		%		95.0			1.05	20	

lains All American EH & S 301 \$. County Road 1150 Aidlay (15, 79706-4476 Project: Arco Getty
Project Number: 2001-10849
Project Manager: Camille Reynolds

Fax: (432) 687-4914

Reported:
09/19/05 12:23

Notes and Definitions

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

DET Analyte DETECTED

Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

ND

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	Report	Approved	Ву:
--------------------	--------	----------	-----

Raland Kethals

Date:

9/19/2005

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

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

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

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

Atlanta Office 2855 Premiere Perkway, Suite C Doluth, Georgia AN/87 (710) 623-6755 Pax (770) 623-9628 when raceived (C*); 3 C ab Sample ID (Lab Use Only) 8 900 -04-100 5 --- of ---00 90 2 5212010-01 Temp, of coolers Lab use Due Da Page.... Players: Camille Paynolds Bray K. P. J. Build Austin Office 5307 Industrial Oaks Bivd. # 160 Austin, Texas 78735 (512) 442-1122 - Fax (512) 442-1181 522 St - sludge 55 NOTES: EN VIRONMENTAL, GEOFECHNICAL AND CONSTRUCTION MAFERIALS SERVICES M12/05 11:25 REQUESTED TER C ¹Charcoal tube P/O - Plastic or other ANALYSIS Time: Time: Time: POW STRE Fort Worth Office 2601 Gravel Drive Fort Worth, Texas 76118 (817) 268-8600 Fax (817) 268-86fD × • **>** Date: Date: Date: 8 No/Type of Containers 셠토 L - Liquid A - Ail Bag 250 ml - Glass Wide mouth C. PO/SO #: 2001 - 10849 Received by: (Signature) ş Received by: (Signature) Received by: (Signature) Received by: (Signature) ELO T End Depth Then on one Depth Sampler's Signature Dallas Office 8901 Carpenter Freeway, Suite 10!) Dallas, Texas 75247 (214) &30-1010 Fax (214) 630-7076 Start O 100% Rush W - Water S - Soil SD - Solid A/G - Amber / Or Glass 1 Lifer _aboratory: Identifying Marks of Sample(s) Address:_ Phone: Contact: 300 0 1<u>E</u>2) 452 ī Time: Time: Time: 3.6 4 ٧'n mm=1 301 Ī'n 87W-3 GREW GETS 1 50% Rush mus-2 363 SW-1 MW-1 T-MA M. .. ML 3 Consulting Engineers & Scientists Date: Date: Date: Project Manager Sharrans Smith Project Name ര~മെ Office Location Midland グが Normal COED 11555 Clay Road, Suite 100 Houston, Texas 77043 (713) 690-8989 Fax (713) 690-8787 WW - Wastewater VOA - 40 ml vial Religiquished by (Signature) Relinquished by (Signature) Relinquished by (Signature) Refinquished by (Signature) 1347 1457 1336 1323 1510 1515 Time 940 583 व्यं क STANA PA 729thop6 9/9/05 furn around time Sampler's Name Date Houston Office Proj. No. Container Matrix

CHAIN OF COSTODI PLOCIC

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

Client: Plains					·		
Da ime: 9/12/05 11-25							
Order #: 5 <u>L12-010</u>							
Initials:							
Sample Rece	ipt Checkli	st					
Temperature of container/cooler?	Yes	No	3,0	C			
Shipping container/cooler in good condition?	Yes	No					
Custody Seals intact on shipping container/cooler?	Yes	No	Not presep				
Custody Seals intact on sample bottles?	Yes	No	Not presen				
Chain of custody present?	Yes	No					
Sample Instructions complete on Chain of Custody?	(Tes	No	,				
Chain of Custody signed when relinquished and received?	YES)	No					
Chain of custody agrees with sample label(s)	(Yes)	No					
Container labels legible and intact?	ires	No					
Sample Matrix and properties same as on chain of custody?	(85)	No					
Samples in proper container/bottle?	res	No					
Samples properly preserved?	(Yes)	No					
Sample bottles intact?	(e)	No					
Preservations documented on Chain of Custody?	Yes	No					
Containers documented on Chain of Custody?	rés	No					
Sufficient sample amount for indicated test?	(E)	No					
All samples received within sufficient hold time?	(YE)	No					
samples have zero headspace?	Yes	No	Not Applicat	ries			
Other observations:							
Variance Documentation: Contact Person: Date/Time: Contacted by: Regarding:							
		. `					
Corrective Action Taken:							
	,	***************************************					
	·····						
·							

APPENDIX C

Photographs

Plains Pipeline, L.P.
Arco - Getty
Lea County, New Mexico
EMS#2001-10849
Terracon Project #94047622



East view of site prior to excavation.



North view of site prior to excavation.



West view of site prior to excavation.



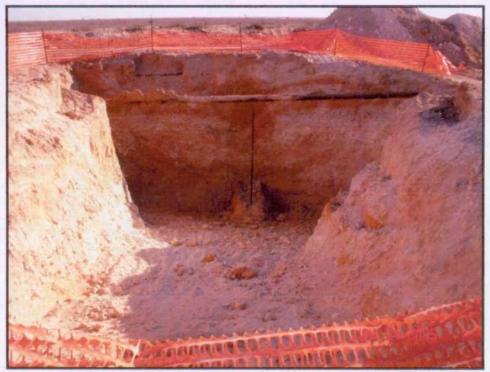
South view of site prior to excavation.



Northwest view of excavation.



Southeast view of excavation.



North view of source area prior to removing pipeline.



Southern view of excavation.



Northwest view of excavation after removing pipeline.



Northwest view of source area excavation after removing pipeline.

Plains Pipeline, L.P.
Arco - Getty
Lea County, New Mexico
EMS#2001-10849
Terracon Project #94047622



East view after site restoration.



West view after site restoration.



South view after site restoration.



North view after site restoration.

APPENDIX D

Release Notification and Corrective Action (Form C-141)

District I
1625 N. French Dr., Hobbs, NM 88240
1625 N. French Dr., Hobbs, NM 88240
1626 N. Grand Avenue, Artesia, NM 88210
1620 Rio Brazos Road, Aztec, NM 87410
1620 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised October 10, 2003

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

Release Notification and Corrective Action

						OPERATOR Initial			al Report	\boxtimes	Final Repo	
Name of Company Plains Pipeline, LP					Contact: Camille Reynolds							
Address 3112 W. US Hwy 82, Lovington, NM					Telephone No. 505-441-0965							
Facility Name Arco Getty					Facility Type: Steel one inch line connected to a 16" suction header							
Surface Ow	ner: State	of New Mex	cico	Mineral C)wner				Lease N	lo.		
				LOCA	ATION	OF RE	LEASE					
Unit Letter Section Township Range Feet from the North				North/	South Line	Feet from the	East/V	ast/West Line County Lea				
Latitude_32°21'31"				L	ongitude _	103° 09	<u>' 09"</u>		-			
				NAT	TURE	OF REL						
Type of Rele						Volume of Release: 10 bbls Volume Recovered 0 bbls						
Source of Re	lease: Steel	one inch line	connected	to a 16" suction	header	1	lour of Occurrenc 11 @11:30	æ		Hour of Dis 01 @12:30	covery	
Was Immedi	ate Notice (/aa 1571 h	io 🔲 Not Requ	rieod	If YES, To Donna W	Whom?	·············				
			(c) [A]	- Inot Keqt								
By Whom?	Wayne B					Date and Hour If YES, Volume Impacting the Watercourse.						
Was a Watercourse Reached? ☐ Yes ☑ No					ii iES, ve	nume mipacing t	TIC WALL	acourse.				
surface soil s Describe Are	a Affected a	n plastic. and Cleanup A on was obtain	Action Tak	en.* The impact	ed soil w	as excavated	d to 16" suction h and stockpiled on I EOTT/Link on	n plastic				* * * * * * * * * * * * * * * * * * * *
regulations al public health should their o or the environ	l operators or the envir operations h nment. In a	are required to ronment. The ave failed to a	o report and acceptance adequately OCD accep	d/or file certain re e of a C-141 repo investigate and re	elease no ort by the emediate	tifications as NMOCD made contaminati	knowledge and und perform correct arked as "Final Roon that pose a three the operator of rectal three the operator of rectal arked as "Final Roon that pose a three the operator of rectal arked three	tive acti eport" d eat to gr	ions for rele oes not reli ound water	eases which eve the oper , surface wa	may er rator of iter, hu	idanger liability man health
					OIL CONSERVATION DIVISION							
Signature: Camille Reynolds Printed Name: Camille Reynolds				2 /	Approved by District Supervisor:							
Title: Remed	ation Coor	dinator		· · · · · · · · · · · · · · · · · · ·	A	Approval Dat	e:	I	Expiration 1	Date:		
E-mail Addre	ss: cjreynol	ids@paalp.com	m			Conditions of Approval:		Attached				
	E-mail Address: cjreynolds@paalp.com e: 3/10/2006					MT-17-14-14-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			<u> </u>	Audeneu		

APPENDIX E

Waste Manifests



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL OR ¼¼: UL-N SE	CTION: 27	TOWNSHIP:	T22S	RANGE: R37E
	DESCRIPTION (PIPE GETTY REF#2001	· ·	SE, BATTER	Y, FLOW	LINE, ETC.)
I, CAMIL	LE REYNOLDS		_ , THE UND		
	NS PIPELINE, L.P.				
PERSONAL KN	OWLEDGE, THE ABOV				
			Camille R		
		TITLE	Environm	ENTAL	COORDINATOR
	Aı	DDRESS	3112 West	US 82	2
			L QVINGTOI	N, NEW	MEXICO \$8260
	SIGN	NATURE ('amil	00 +	Funolds
		DATE	12 101	15	1 9
			101	<u> </u>	
TRA	NSPORTATION M	ANIFEST	TAND CH.	AIN-O	F-Custody
Transporting C	o.: <u>EPI</u>	Driv	ver Signature:	De	seed V. Hough
Volume:/	yd ³	Sign	nature Date:	12-	8-05
			endant Signa_		
		Signatu	re Date:		
	-		· — — — — — — — — — — — — — — — — — — —	_	



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
·	LE REYNOLDS , THE UNDERSIGNED AGENT
	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	LOVINGTON, NEW MEXICO 88260
	SIGNATURE Cample Krynolds
	DATE 12/8/05 1 0
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	o.: FPI Driver Signature: Jesus V. Daytan
Volume: 1L	o.: FPT Driver Signature: 12-8-05 Signature Date: 12-8-05
	Plains Attendant Signa
	Signature Date:



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LEAGETTY REF#2001-10849	ASE, BATTERY, FLOW	LINE, ETC.)
I. CAMIL	LLE REYNOLDS	THE HINDERSIGN	ED AGENT
FOR PLAIN	NS PIPELINE, L.P. , HEREB	V CEPTIEV THAT BA	SED ON
	OWLEDGE, THE ABOVE STATEM		
I DROUME KN	•	CAMILLE REYNOL	
		ENVIRONMENTAL	
		3112 WEST US 82	
	ADDRESS		
	Cray myrn m	Equington, New	
	SIGNATURE !	Cample.	Victional
	DATE _	12/8/05	
		1 '	
TRA	NSPORTATION MANIFES	T AND CHAIN-O	F-Custody
Transporting C	O.: EPT Dri	ver Signature: ()	us V Grantin
1 0		ver Signature: 1 e.	
Volume: 14	<u>∤</u> yd³ Sig	nature Date: 12-	8-05
	Plains At	tendant Signa	
	Signat	ure Date:	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT
	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lovington, New Mexico 88260
	SIGNATURE Comple Keynolole
	DATE 2 8 65 1
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	o.: FPT Driver Signature: Jenus V. S. ytin
Volume:	4 yd ³ Signature Date: 12-5-05
	Plains Attendant Signa
	Signature Date:
<u> </u>	



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or 1/4 1/4: UL-N SECTION: 27 TOWNSHIP: T22S RANGE: R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
· · · · · · · · · · · · · · · · · · ·	LE REYNOLDS , THE UNDERSIGNED AGENT
	IS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	LOVINGTON, NEW-MEXICO 88260
	SIGNATURE Camille Krenolds
	D_{i} m_{i} T_{i} I A I
	DATE 12 18 105 1 3
TRAI	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting Co	
Volume: 1	f yd ³ Signature Date: 12-8-05
	Plains Attendant Signa
	Signature Date:



COMPAN	Y PLAINS PIPELINE, L.P.
Origin	UL or ¼¼: UL-N Section: 27 Township: T22S Range:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I CAMIL	LE DEVNOLDS
·	LE REYNOLDS , THE UNDERSIGNED AGENT IS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
. DROOMINE IN	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Equington, New Maxico 88260
	SIGNATURE COM LLE KEMPLOS
	DATE 12 8 65 t
	1
Тра	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	
	o.: FT Driver Signature: Chesus V. Lay Trus
Volume: 1L	Signature Date: 12-8-05
	Plains Attendant Signa
	Signature Date:
	-



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL OR 1414: UL-N SECTION	27 TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, GETTY REF#2001-1084	·	OWLINE, ETC.)
FOR, PLAIN	LE REYNOLDS IS PIPELINE, L.P., HE OWLEDGE, THE ABOVE STA		BASED ON
PERSONAL KN		IE CAMILLE REYNO	
	TITI		L COORDINATOR
	Addres		
	SIGNATUR Dat	E Cample	- 1 7 7 3
		, ,	
TRA	NSPORTATION MANIF	EST AND CHAIN-	OF-CUSTODY
Transporting C	o.: <u> </u>	Driver Signature: 19	sus V. Daytan
Volume: 142	<u>4-3</u> yd ³	Signature Date: 12-	8-05
	Plain	s Attendant Signa	
	Si	gnature Date:	



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N Section: 27 Township: T22S Range:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT
	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Loyington, New Mexico 88260
	SIGNATURE Comple Lemolola
	DATE 12/8/05
	
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	o.: FPI Driver Signature: genees V. Haytan
Volume: 14	93 yd ³ Signature Date: 12-8-05
	Plains Attendant Signa
	Signature Date:
· · · · · · · · · · · · · · · · · · ·	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL OR ¼¼: UL	-N SECTION: 27	TOWNSHIP:	T 2 2 S	RANGE: R37E
	DESCRIPTION GETTY REF#2		ASE, BATTER	Y, FLOW	LINE, ETC.)
	LE REYNOLDS		_ , THE UND		
FOR, PLAIN	IS PIPELINE, L.	P. , HEREB	Y CERTIFY T	нат, ва	SED ON
PERSONAL KN	OWLEDGE, THE				
		NAME	0.11.11222		
		TITLE			COORDINATOR
		ADDRESS	3112 WEST		
		•			MEXICO 88260
		SIGNATURE	Canny	_ يعل	Keymolds
		DATE	12 8	05	3
		-		1	
TRA	NSPORTATIO	N MANIFES	T AND CH	AIN-OI	F-Custody
Transporting Co	D.I. EPT	Dri	ver Signature:	ges	us V. Fration
Volume: 14	4.3 yd ³	Sig	nature Date: _	12-8	3-05
		Plains At	tendant Signa		
			ure Date:		



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849 I, Camille Reynolds FOR, Plains Pipeline, L.P. PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 EQVINGTON, NEW MEXICO 88260 SIGNATURE DATE DATE
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE
TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 EQVINGTON, NEW MEXICO 88260 SIGNATURE SIGNATURE
Address 3112 West US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE Complete Expolorements
SIGNATURE CAMPLE TEMPOLOS
SIGNATURE Comple Keynolos
DATE 12 8 65
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting Co.: FPI Driver Signature: Desus V Dayton
Volume: 14.3 yd ³ Signature Date: 12-8-05
Plains Attendant Signa
Signature Date:



COMPAN I I LAINS TIFELINE, L.I.
ORIGIN UL or 1/4 1/4: UL-N SECTION: 27 TOWNSHIP: T22S RANGE: R37E
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849
I, CAMILLE REYNOLDS , THE UNDERSIGNED AGENT
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
NAME CAMILLE REYNOLDS
TITLE ENVIRONMENTAL COORDINATOR
ADDRESS 3112 WEST US 82
Equington, New Mexico 88260 Signature Complex
DATE 12/8/05
•
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting Co.: FPT Driver Signature: Jenus V. Slaytan
Volume: 14 yd^3 Signature Date: $(2-6-6)$
Plains Attendant Signa
Signature Date:



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E				
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849				
I, CAMILLE REYNOLDS , THE UNDERSIGNED AGENT				
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON				
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.				
NAME CAMILLE REYNOLDS				
TITLE ENVIRONMENTAL COORDINATOR				
ADDRESS 3112 WEST US 82				
Equington, New Mexico 88260				
SIGNATURE Cample Exprolos				
DATE 12 8 65 1				
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY				
Transporting Co.: FPI Driver Signature: Quest 2/ Brug Trans				
Volume: 14 yd³ Signature Date: 12-8-05				
Plains Attendant Signa				
Signature Date:				



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T	722S R	ANGE: R37E			
	DESCRIPTION (PIPELINE, LEASE, BATTERY, DETTY REF#2001-10849	FLOWLIN	NE, ETC.)			
	LLE REYNOLDS , THE UNDER					
	NS PIPELINE, L.P. , HEREBY CERTIFY THA					
PERSONAL KN	NOWLEDGE, THE ABOVE STATEMENT IS TRUE A					
	NAME CAMILLE RE					
	TITLE ENVIRONMEN		OORDINATOR			
	ADDRESS 3112 WEST		_			
	Equington, New Maxico 88260					
	Signature ('am ll	<u> </u>	elmolole			
	DATE 28	05	1 0 3			
TRAI	NSPORTATION MANIFEST AND CHAI	N-OF-	Custody			
Transporting Co	Co.: <u>EPI</u> Driver Signature:	Jesu	s V. Layton			
Volume: 14	y ₃ yd ³ Signature Date:	12-8-	-05			
	Plains Attendant Signa					
	Signature Date:					



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

COMPAN	Y PLAINS PIPELINE, L.P.				
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E				
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849				
·	LE REYNOLDS , THE UNDERSIGNED AGENT				
	S PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON				
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.				
	NAME CAMILLE REYNOLDS				
	TITLE ENVIRONMENTAL COORDINATOR				
ADDRESS 3112 WEST US 82					
	Lovington, New Maxico 88260				
	SIGNATURE Cample Krypolol				
	DATE 2 8 65 1				
TRAI	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY				
Transporting C	0.: EPI Driver Signature: Jesses V. Washin				
Volume: <u>] 4</u>	yd³ Signature Date: 12-8-05				
	Plains Attendant Signa				
	Signature Date:				
<u></u>	orginature Dute.				



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N Sect	10N: 27	TOWNSHIP:	T22S	RANGE: R37E
	DESCRIPTION (PIPELI GETTY REF#2001-1		SE, BATTERY	Y, FLOW	LINE, ETC.)
I. CAMIL	LE REYNOLDS		, THE UND	EDSIGNE	DAGENT
	IS PIPELINE, L.P.	HEDERY			
	OWLEDGE, THE ABOVE				
			CAMILLE R		
					Coordinator
	ADD		3112 WEST		
		7	E VINGTON	1. NEW	MEXICO 88260
	SIGNA		ame		Krynolds
		DATE _	12 10		700110000
	•		12/0/	03_	
			·		
TRA	NSPORTATION MA	NIFEST	AND CHA	AIN-OF	F-CUSTODY
Transporting C	O.: EPI	Driv	er Signature:	Dies	us V. Doyton
Volume: 1	\not yd ³	Sign	nature Date:	12-6	7-05
	F	Plains Atte	endant Signa		
		Signatu	re Date:		



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849 I, CAMILLE REYNOLDS , THE UNDERSIGNED AGENT FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: F D T Driver Signature: Lexus V. Lexus V. Lexus V. Volume: Ly yd3 Signature Date: 12 - 8 - 6 S Plains Attendant Signa Signature Date:	ORIGIN	OL OR 74 74. OL-N SECTION. 27	TOWNSHIP: 1225 RANGE; R37E
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FDT Driver Signature: Jeans V. Lougfan Volume: 14 yd3 Signature Date: 12 - 8 - 65 Plains Attendant Signa			EASE, BATTERY, FLOWLINE, ETC.)
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FDT Driver Signature: Jeans V. Lougfan Volume: 14 yd3 Signature Date: 12 - 8 - 65 Plains Attendant Signa			
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: F T Driver Signature: Jeans 2- Day Jan Volume: 14 yd3 Signature Date: 12 - 8 - 6 5 Plains Attendant Signa	I, <u>Camii</u>	LE REYNOLDS	, THE UNDERSIGNED AGENT
NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE DATE DATE DATE DOING TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FPT Driver Signature: Jeans 2/- Gray fan Volume: 14 yd³ Signature Date: 12-8-65 Plains Attendant Signa			
TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FDT Driver Signature: Jeans 21- Gray fan Volume: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa	PERSONAL KN		
ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FDT Driver Signature: Jeans 9. Dray fan Volume: 14 yd³ Signature Date: 12-8-65 Plains Attendant Signa			
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FDT Driver Signature: Josus 7- Driver Signature: 12-8-65 Plains Attendant Signa		TITLE	Environmental Coordinator
SIGNATURE DATE 12/8/05 TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FPT Driver Signature: Jesus 2- Long for Signature: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa		ADDRESS	3112 WEST US 82
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FPT Driver Signature: Jeans 7/- Grayfan Volume: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa			Lovington, New Mexico 88260
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FPT Driver Signature: Jeans 7/- Grayfan Volume: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa		SIGNATURE	('amille Kranolda
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FDT Driver Signature: Jeans 7/- Day for Signature: 14 yd³ Signature Date: 12-8-65 Plains Attendant Signa		DATE	12/2/05/1
Transporting Co.: FPT Driver Signature: Jesus V. Laughan Volume: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa			10/0100
Transporting Co.: FPT Driver Signature: Jesus V. Laughan Volume: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa			
Volume: 14 yd ³ Signature Date: 12-8-65 Plains Attendant Signa	TRA	NSPORTATION MANIFES	ST AND CHAIN-OF-CUSTODY
Plains Attendant Signa	Transporting C	Co.: FPT Dr	river Signature: Josus V. Day Jan
	Volume: 1	<u>f</u> yd³ Sig	gnature Date: 12-8-65
Signature Date:	'	Plains A	ttendant Signa
		Signa	ture Date:



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LEA GETTY REF#2001-10849	SE, BATTERY, FLOW	LINE, ETC.)
	le Reynolds	, THE UNDERSIGNI	
	NS PIPELINE, L.P. , HEREBY		
PERSONAL KN	OWLEDGE, THE ABOVE STATEM		
		CAMILLE REYNOL	_
		Environmental	
	ADDRESS	3112 WEST US 82	
		LOVINGTON, NEW	MEXICO 88260
	SIGNATURE (cample +	< conside
	Date _	12/8/05	1 0
		. ())	
TRA	NSPORTATION MANIFEST	F AND CHAIN-O	F-CUSTODY
Transporting C	o.: EPI Driv	ver Signature:()	us V Hairtas
	•		
Volume: 14	\int yd ³ Sign	nature Date: $12 - 8$	-05
	Plains Atto	endant Signa	
	Signatu	ire Date:	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: Plains Attendant Signa Plains Attendant Signa	ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
FOR, PLAINS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: Plains Attendant Signa Plains Attendant Signa		
FOR, PLAINS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: Plains Attendant Signa Plains Attendant Signa		
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT. NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: EPI Driver Signature: Quanty Inglan. Volume: 4 yd3 Signature Date: 12-8-05 Plains Attendant Signa		
NAME CAMILLE REYNOLDS TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: EPI Driver Signature: Deans V Inglan. Volume: 14 yd3 Signature Date: 12-8-05 Plains Attendant Signa	· ————	
TITLE ENVIRONMENTAL COORDINATOR ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FT Driver Signature: Olaus V Inglan. Volume: 4 yd Signature Date: 12-8-05 Plains Attendant Signa	PERSONAL KN	
ADDRESS 3112 WEST US 82 LOVINGTON, NEW MEXICO 88260 SIGNATURE DATE TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FPI Driver Signature: Occur Inglan. Volume: 4 yd³ Signature Date: 12-8-05 Plains Attendant Signa		
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: FT Driver Signature: Olaus V Inglan. Volume: 14 yd3 Signature Date: 12-8-05 Plains Attendant Signa		
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: EPI Driver Signature: Olaus V Inglan. Volume: 14 yd3 Signature Date: 12-8-05 Plains Attendant Signa		ADDRESS 3112 WEST US 82
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: EFT Driver Signature: Quant Ingtan. Volume: 4 yd3 Signature Date: 12-8-05 Plains Attendant Signa		Lovington, New Mexico 88260
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY Transporting Co.: EFT Driver Signature: Occur Inglan. Volume: 14 yd3 Signature Date: 12-8-05 Plains Attendant Signa		SIGNATURE (amille Kronolds
Transporting Co.: EPI Driver Signature: Ocacs V Lington. Volume: 14 yd ³ Signature Date: 12-8-05 Plains Attendant Signa		
Transporting Co.: EPI Driver Signature: Ocacs V Lington. Volume: 14 yd ³ Signature Date: 12-8-05 Plains Attendant Signa		
Transporting Co.: EPI Driver Signature: Ocacs V Lington. Volume: 14 yd ³ Signature Date: 12-8-05 Plains Attendant Signa		
Transporting Co.: EPI Driver Signature: Ocacs V Lington. Volume: 14 yd ³ Signature Date: 12-8-05 Plains Attendant Signa	TRAI	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Volume: 14 yd³ Signature Date: 12-8-05 Plains Attendant Signa		
Plains Attendant Signa	Trunsporting C	on 1 1 I I I I I I I I I I I I I I I I I
	Volume:	4 yd^3 Signature Date: $12-8-05$
0		Plains Attendant Signa
Signature Date:		Signature Date:



COMPANY FLAINS FIFELINE, L.P.					
ORIGIN UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E					
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849					
I, CAMILLE REYNOLDS , THE UNDERSIGNED AGENT					
·					
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.					
NAME CAMILLE REYNOLDS					
TITLE ENVIRONMENTAL COORDINATOR					
ADDRESS 3112 WEST US 82					
Lovington, New Mexico 88260					
SIGNATURE Cample Krenolch					
DATE 12/8/05					
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY					
Transporting Co.: EPI Driver Signature:) esus 9/. Driver Signature:					
The second of th					
Volume: 14 yd^3 Signature Date: $12-8-05$					
Plains Attendant Signa					
Signature Date:					



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

COMPAN	Y PLAINS PIPELINE, L.P.					
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E					
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849					
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT					
FOR, PLAIR	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON					
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.					
	NAME CAMILLE REYNOLDS					
	TITLE ENVIRONMENTAL COORDINATOR					
	ADDRESS 3112 WEST US 82					
Lovington, New Mexico 88260						
	SIGNATURE Camille Krenolds					
	DATE 3 8 05 1					
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY					
Transporting C	o.: EPI Driver Signature: Oenun V. Dans T.					
Volume:	4 yd ³ Signature Date: 12-8-05					
	Plains Attendant Signa					
	Signature Date:					
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TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LEAGETTY REF#2001-10849	SE, BATTERY, FLOW	LINE, ETC.)
I. C.	D		
I, CAMIL	LE REYNOLDS	_ , THE UNDERSIGN	ED AGENT
	NS PIPELINE, L.P. , HEREB OWLEDGE, THE ABOVE STATEM		
PERSONAL KN		CAMILLE REYNOL	
		Environmental	
		3112 WEST US 82	
	ADDRESS	Lavington, New	
	CLONATURE	/	
	SIGNATURE _	Camille	Keyprolds
	DATE _	12 8 02	
		• •	
TRA	NSPORTATION MANIFES	r and Chain-o	F-Custody
Transporting C	o.: EPI Driv	ver Signature: <u>BEA</u>	GALLAND
Volume: 10	yd ³ Sign	nature Date: <i>[2</i>	8 05
	Plains Att	endant Signa	
	Signatu	ire Date:	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL OR ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LEAGETTY REF#2001-10849	SE, BATTERY, FLOW	LINE, ETC.)
	_		
I, CAMIL	LLE REYNOLDS NS PIPELINE, L.P., HEREBY	_ , THE UNDERSIGNE	ED AGENT
PERSONAL KN	OWLEDGE, THE ABOVE STATEME	ENT IS TRUE AND CO CAMILLE REYNOL	
		ENVIRONMENTAL	
		3112 WEST US 82	
		Lavington, New	
	SIGNATURE _	Comulage 1	ZELMOLDIE
	DATE	12/8/05	_ ' ' '
TRA	NSPORTATION MANIFEST	AND CHAIN-OI	F-CUSTODY
Transporting C	Co.: EPZ Driv	er Signature: BE/	V GALINGO
Volume:/	yd³ Sign	nature Date: <u>/ 2</u>	8 05
	Distance Aug	andone Cione	
		endant Signa	1.00
	Signatu	re Date:	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E	
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849	
I. CAMILLE REYNOLDS . THE UNDERSIGNED AGENT	
,, ,	
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.	
NAME CAMILLE REYNOLDS	
TITLE ENVIRONMENTAL COORDINATOR	
ADDRESS 3112 WEST US 82	
Lovington, New Mexico 88260	
SIGNATURE Comple Keynolds	
DATE 12 8 05	
V	
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY	
Transporting Co.: FPI Driver Signature: BEAL GACING	Z
Volume: // yd³ Signature Date: // 8 0 \$	
Plains Attendant Signa	
Signature Date:	\dashv
Digitature Date.	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.)

ORIGIN UL OR 1/4 1/4: UL-N SECTION: 27 TOWNSHIP: T22S RANGE: R37E

COMPANY PLAINS PIPELINE, L.P.

ARCO GETTY REF#2001-10849

I, CAMILLE REYNOLDS , THE UNDERSIGNED AGENT					
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON					
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.					
NAME CAMILLE REYNOLDS					
TITLE ENVIRONMENTAL COORDINATOR					
ADDRESS 3112 WEST US 82					
LOVINGTON, NEW MEXICO 88260					
SIGNATURE (COMICE KEIMOINE					
DATE 12 18 05					
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY					
Transporting Co.: EPI Driver Signature: BENG ALING					
Volume: // yd³ Signature Date: A ALHOO					
Plains Attendant Signa					
Signature Date:					



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

	ORIGIN	UL or 1414: UL-N Section:	27 TOWNSHIP: T22S RANGE:R37E				
		DESCRIPTION (PIPELINE, GETTY REF#2001-1084	LEASE, BATTERY, FLOWLINE, ETC.)				
I,	CAMIL	LE REYNOLDS	, THE UNDERSIGNED AGENT				
FOI	R, PLAII	NS PIPELINE, L.P. , HE	REBY CERTIFY THAT, BASED ON				
PEF	PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.						
			E CAMILLE REYNOLDS				
			E ENVIRONMENTAL COORDINATOR				
		ADDRES	S 3112 WEST US 82				
			Lovington, New-Mexico 88260				
		SIGNATUR	E Camille Krinelds				
	DATE 12/8/05						
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY							
Tra	insporting C	O.: FPI	Driver Signature: BEN SPUNDO				
Vo	lume:	yd³	Signature Date: (2 6 0 5				
	Plains Attendant Signa						
	Signature Date:						
	.,						



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27 To	OWNSHIP: T22S	RANGE: R37E		
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849					
I, CAMILLE REYNOLDS, THE UNDERSIGNED AGENT					
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON					
PERSONAL KNO	OWLEDGE, THE ABOVE STATEMENT				
		MILLE REYNOL			
		VIRONMENTAL			
		12 WEST US 82			
		VINGTON, NEW	MEXICO 88260		
	SIGNATURE C	imile !	remous		
	DATE	218102			
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY					
Transporting Co	o.: FPI Driver S	Signature: BEA	(GALINDO		
Volume: 12	yd ³ Signatu	re Date: <u>/ Z</u>	8 05		
	Plains Attenda	ant Signa			
	Signature I	Date:			



COMPAN	Y PLAINS PIPELINE, L.P.					
Origin	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E					
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849					
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT					
	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.					
PERSONAL KN	NAME CAMILLE REYNOLDS					
	TITLE ENVIRONMENTAL COORDINATOR					
	ADDRESS 3112 WEST US 82					
	LOVINGTON, NEW-MEXICO 88260					
	/ 1					
	DATE 12/8/05 FEMOLOS					
	DATE 10105					
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY					
Transporting C						
Volume:	yd³ Signature Date: \(\lambda \) \(\sqrt{2} \) \(\sqrt{5} \)					
	Plains Attendant Signa					
	Signature Date:					



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT
	S PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lovington, New Mexico 88260
	SIGNATURE Camille Kremoldo
	DATE 12/8/05
TRAI	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting Co	Driver Signature: BEN GALINTO
Volume: //	Yell yd ³ Signature Date: 12 8 05
	Plains Attendant Signa
	Signature Date:



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL OR ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT
FOR, PLAIN	IS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lovington, New Mexico 88260
	SIGNATURE Cample Krynolds
	DATE 12/8/05 1
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	o.: EPI Driver Signature: BEN GALINGD
Volume: 14	yd³ Signature Date: \(\frac{1}{2} \) \(\frac{1}{2} \)
	Plains Attendant Signa
	Signature Date:



Сомран	PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
	LLE REYNOLDS , THE UNDERSIGNED AGENT
	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KI	NOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lovington, New Mexico 88260
	SIGNATURE Cample Krynolds
	DATE 12/8/05 1
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	Co.: FOT Driver Signature: RENCOYLLINE
Volume:	4 yd³ Signature Date: 12 S OF
	Plains Attendant Signa
	Signature Date:



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LE GETTY REF#2001-10849	ASE, BATTERY, FLOW	LINE, ETC.)
	LE REYNOLDS	, THE UNDERSIGNE	
	S PIPELINE, L.P., HEREE		
PERSONAL KN	OWLEDGE, THE ABOVE STATEN		
	NAME	CAMILLE REYNOL	
	TITLE		
	ADDRESS	3112 WEST US 82	
		LOVINGTON, NEW	MEXICO 88260
	SIGNATURE	Cample K	Econolds
	DATE	12/8/05	ι υ
		1-1	
TRA	NSPORTATION MANIFES	T AND CHAIN-OI	F-Custody
Transporting Co	Dr.: <u>FPT</u> Dr	iver Signature: BEN	GALINUO
Volume:/	\checkmark yd ³ Sig	gnature Date: <u>/ Z</u>	8 05
•		tendant Signa	
	Signat	ure Date:	



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL OR ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LE GETTY REF#2001-10849	ASE, BATTERY, FLOW	LINE, ETC.)
I, CAMIL	LE REYNOLDS	, THE UNDERSIGNI	ED AGENT
	IS PIPELINE, L.P. , HEREB	The state of the s	
PERSONAL KN	OWLEDGE, THE ABOVE STATEM		
		CAMILLE REYNOL	
	TITLE		
	ADDRESS	3112 WEST US 82	2
		LOVINGTON, NEW	∽M EXICO 88260
	SIGNATURE	Camille	Krimold
	DATE	12/8/05	1 0
TRA	NSPORTATION MANIFES	T AND CHAIN-O	F-CUSTODY
Transporting Co		ver Signature: BEI	V GALINOD
		es .	8 12
Volume:	\mathcal{L} yd ³ Sig	nature Date:	SHEMICA
	Plains At	tendant Signa	
		ure Date:	
L	Signat	uic Date.	



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL OR ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMII	LE REYNOLDS , THE UNDERSIGNED AGENT
FOR, PLAII	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Levington, New Mexico 88260
	SIGNATURE Cample Krimold
	DATE 12 8 165
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	o.: E'PI Driver Signature: BENG GALINGO
Volume:/_	4 yd ³ Signature Date: 12 8 05
	Plains Attendant Signa
	Signature Date:
<u> </u>	-0



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL OR ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) OGETTY REF#2001-10849
I, CAMII	LLE REYNOLDS , THE UNDERSIGNED AGENT
FOR, PLAII	INS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	NOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lavington, New Mexico 88260
	SIGNATURE Camille Keynolds
	DATE 12 19 105
TRA	ANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	Co.: EPI Driver Signature: BEN GALINGO
Volume:	yd³ Signature Date: 12 8 05
	Plains Attendant Signa
	Signature Date:



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN	UL or ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LE GETTY REF#2001-10849	ASE, BATTERY, FLOW	LINE, ETC.)
	LE REYNOLDS	, THE UNDERSIGNE	
	NS PIPELINE, L.P. , HEREI		
PERSONAL KN	OWLEDGE, THE ABOVE STATES		
	NAME	CAMILLE REYNOL	
	TITLE		
	ADDRESS	3112 WEST US 82	
		J-QVINGTON, NEW	MEXICO 88260
	SIGNATURE	Camile, K	Fund de
	DATE	21815	
		- 1310100	
TRA	NSPORTATION MANIFES	T AND CHAIN-OF	-Custody
Transporting C	0.: <u> </u>	iver Signature: BEN	GALINAD
Volume:	yd³ Sią	gnature Date: [2	8 09
	Plains A	ttendant Signa	
	Signa	ture Date:	



COMPANI I LAINSTIPELINE, L.F.
ORIGIN UL or ¼¼: UL-N Section: 27 Township: T22S Range:R37E
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849
I, CAMILLE REYNOLDS, THE UNDERSIGNED AGENT
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
NAME CAMILLE REYNOLDS
TITLE ENVIRONMENTAL COORDINATOR
ADDRESS 3112 WEST US 82
LOVINGTON, NEW MEXICO 88260
SIGNATURE Cample Krenolds
DATE 12/8/05 1 0
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting Co.: FPI Driver Signature: 3FN CALINGO
Volume: 14 yd³ Signature Date: 12 05
Plains Attendant Signa
Signature Date:



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N SECTION: 27 TOWNSHIP: T22S RANGE:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMII	LE REYNOLDS , THE UNDERSIGNED AGENT
	NS PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lovington, New Mexico 88260
1	SIGNATURE Camille Krinolda
	DATE 12/8/05
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	o.: EPZ Driver Signature: BEN BALINGO
Volume:	yd³ Signature Date: /2 & OB
l l	Plains Attendant Signa
	Signature Date:
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COMIAN	I LAINS I II ELINE.	, 1	
Origin	UL OR ¼¼: UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E
	DESCRIPTION (PIPELINE, LEAGETTY REF#2001-10849	SE, BATTERY, FLOW	LINE, ETC.)
	LLE REYNOLDS	_ , THE UNDERSIGNE	
	NS PIPELINE, L.P. , HEREB		
PERSONAL KN	OWLEDGE, THE ABOVE STATEM		
	NAME	Camille Reynol	DS
	TITLE	ENVIRONMENTAL	COORDINATOR
	ADDRESS	3112 WEST US 82	2
		LOVINGTON, NEW	MEXICO 88260
•	Signature (amille +	Funolds
	DATE	Sarry Charles	3. greates
	DATE _	19/8/02	
		-	
TRA	NSPORTATION MANIFEST	Г AND CHAIN-OI	F-Custody,
Transporting C	o.: FPT Driv	ver Signature: BE	M GALINAO
Volume: _//	yd ³ Sigr	nature Date: <u>/ A</u>	8 35
	Plaine Atta	endant Signa	
		re Date:	
	Signatu	ne Date.	



COMPAN	Y PLAINS PIPELINE, L.P.
ORIGIN	UL or ¼¼: UL-N Section: 27 Township: T22S Range:R37E
	DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) GETTY REF#2001-10849
I, CAMIL	LE REYNOLDS , THE UNDERSIGNED AGENT
FOR, PLAIN	S PIPELINE, L.P. , HEREBY CERTIFY THAT, BASED ON
PERSONAL KN	OWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.
	NAME CAMILLE REYNOLDS
	TITLE ENVIRONMENTAL COORDINATOR
	ADDRESS 3112 WEST US 82
	Lavington, New-Mexico 88260
	SIGNATURE Camille Kernolola
	DATE 12 18 05
TRA	NSPORTATION MANIFEST AND CHAIN-OF-CUSTODY
Transporting C	O.: EPT Driver Signature: BENCALONIAD
Volume:	yd ³ Signature Date: 12 8 05
	Plains Attendant Signa
	Signature Date:



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN UL or 1414:	UL-N SECTION: 27	TOWNSHIP: T22S	RANGE: R37E	
		· · · · · · · · · · · · · · · · · · ·		
Source Descripti	ON (PIDELINE LE	ASE BATTEDY FLOW	HINE ETC)	
ARCO GETTY RE		AGE, DATTERT, FEOW	EINE, EIC.)	
ARCO GETTY RE	F#2001-10849			
I, CAMILLE REYNO	LDS	, THE UNDERSIGN	ED AGENT	
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON				
PERSONAL KNOWLEDGE, T	HE ABOVE STATEM	MENT IS TRUE AND CO	ORRECT.	
NAME CAMILLE REYNOLDS				
TITLE ENVIRONMENTAL COORDINATOR			COORDINATOR	
	ADDRESS			
	TIDDRESS	Lavington, New		
	Cianymann			
	SIGNATURE	Lamore	13 shows	
	DATE	12 8 6	>	
		1 1		
TRANSPORTAT	TION MANIFES	ST AND CHAIN-O	F-CHSTODY:	
Transporting Co.:			100117/00	
Transporting Co	p_{\perp}	river Signature: <u>BEA</u>	(077 L/V(VO)	
		- , 7		
Volume: 1U yd ³ Signature Date: $\sqrt{2} \text{S}$ $\sqrt{2}$				
/		•	-	
Plains Attendant Signa				
		ture Date:		
	Jigila.	tare paie.		



TRANSPORTER MANIFEST AND CHAIN-OF-CUSTODY

ORIGIN UL or ¼¼: UL-N Section: 27 Township: T22S Range:R37E			
SOURCE DESCRIPTION (PIPELINE, LEASE, BATTERY, FLOWLINE, ETC.) ARCO GETTY REF#2001-10849			
I, CAMILLE REYNOLDS , THE UNDERSIGNED AGENT			
FOR, PLAINS PIPELINE, L.P., HEREBY CERTIFY THAT, BASED ON			
PERSONAL KNOWLEDGE, THE ABOVE STATEMENT IS TRUE AND CORRECT.			
NAME CAMILLE REYNOLDS			
TITLE ENVIRONMENTAL COORDINATOR			
ADDRESS 3112 WEST US 82			
SIGNATURE DATE LOVINGTON, NEW MEXICO 88260 CAN UL E CONOLO S 12 8 65			
TRANSPORTATION MANIFEST AND CHAIN-OF-CUSTODY			
Transporting Co.: EPI Driver Signature: BEMGALINGO			
Volume: 14 yd³ Signature Date: 12 8 05			
Plains Attendant Signa			
Signature Date:			