

# ANNUAL MONITORING REPORT

# YEAR(S):



New Mexico Oil Conservation Division

March 23, 2011

Mr: Edward Hansen

Environmental Bureau

1220 South St. Francis Drive Santa Fe, New Mexico 87505

#### MAR 29 2011

Oil Conservation Division 1220 S. St. Francis Drive Santa Fe, NM 87505

Re: Plains All American – 2010 Annual Monitoring Reports 20 Sites in Lea County, New Mexico

Dear Mr. Hansen:

Plains All American is an operator of crude oil pipelines and terminal facilities in the state of New Mexico. Plains All American actively monitors certain historical release sites exhibiting groundwater impacts, consistent with assessments and work plans developed in consultation with the New Mexico Oil Conservation Division (NMOCD). In accordance with the rules and regulations of the NMOCD, Plains All American hereby submits our Annual Monitoring reports for the following sites:

34 Junc. to Lea Sta	<u>. 1R-0386 ′</u>	Section 21, Township 20 South, Range 37 East, Lea County
34 Junction South	1R-0456 /	Section 02, Township 17 South, Range 36 East, Lea County
Bob Durham	<u>AP-0016 / </u>	Section 32, Township 19 South, Range 37 East, Lea County
Darr Angell #1	<u>A</u> P-007 ′′	Section 11, Township 15 South, Range 37 East, Lea County
Darr Angell #2	AP-007 🗸	Section 11, Township 15 South, Range 37 East, Lea County
		Section 14, Township 15 South, Range 37 East, Lea County
Darr Angell #4	AP-007 🗸	Section 11, Township 15 South, Range 37 East, Lea County
	•	Section 02, Township 15 South, Range 37 East, Lea County
Denton Station	1R-0234 /	Section 14, Township 15 South, Range 37 East, Lea County
HDO-90-23	<u>AP-009 /</u>	Section 06, Township 20 South, Range 37 East, Lea County
LF-59	<u>· 1R-0103</u>	Section 32, Township 19 South, Range 37 East, Lea County
Monument 2	) 1R-0110	Section 06, Township 20 South, Range 37 East, Lea County
· · · · · · · · · · · · · · · · · · ·	•	Section 07, Township 20 South, Range 37 East, Lea, County
Monument 10	· 1R-0119	Section 30, Township 19 South, Range 37 East, Lea County
Monument 17	<u>· 1R-123</u>	Section 29, Township 19 South, Range 37 East, Lea County
Monument 18	/1R-0124	Section 07, Township 20 South, Range 37 East, Lea County
S. Mon. Gath. Sour	<u>/ 1R-951</u>	Section 05, Township 20 South, Range 37 East, Lea County
SPS-11	GW-0140	Section 18, Township 18 South, Range 36 East, Lea County
Texaco Skelly F	1R-0420	Section 11, Township 21 South, Range 37 East, Lea County
TNM 97-04	GW-0294	Section 11, Township 16 South, Range 35 East, Lea County
TNM 97-17	AP-017 /	Section 21, Township 20 South, Range 37 East, Lea County
TNM 97-18	AP-0013	Section 28, Township 20 South, Range 37 East, Lea County
TNM 98-05A	( AP-12	Section 26, Township 21 South, Range 37 East, Lea County

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PLAINS ALL AMERICAN

Nova Safety and Environmental (Nova) prepared these documents and has vouched for their accuracy and completeness, and on behalf of Plains All American, I have personally reviewed the documents and interviewed Nova personnel in order to verify the accuracy and completeness of these documents. It is based upon these inquiries and reviews that Plains All American submits the enclosed Annual Monitoring Reports for the above facilities.

If you have any questions or require further information, please contact me at (575) 441-1099.

Sincerely,

Øason Henry Remediation Coordinator Plains All American

CC: Geoff Leking, NMOCD, Hobbs, NM

Enclosures

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#### 2010 ANNUAL MONITORING REPORT

#### **BOB DURHAM**

LEA COUNTY, NEW MEXICO NW ¼ NW ¼, SECTION 32, TOWNSHIP 19 SOUTH, RANGE 37 EAST PLAINS SRS NUMBER: TNM LF2000-07 NMOCD File Number: AP-0016

**PREPARED FOR:** 

PLAINS MARKETING, L.P. 333 CLAY STREET, SUITE 1600 HOUSTON, TEXAS 77002



NOVA Safety and Environmental 2057 Commerce Street Midland, Texas 79703

March 2011

Ronald K. Rounsaville Senior Project Manager

safety and environmental

Brittan K. Byerly, P.C. President

2057 Commerce Drive Midland, Texas 79703 432 520-7720 432 520-7701 fax

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Figure 3A - Groundwater Concentration and Inferred PSH Extent Map - February 18, 2010

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#### **APPENDICES**

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

#### **ENCLOSED ON DATA DISK**

2010 Annual Monitoring Report

2010 Tables 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Data 2010 Figures 1, 2A-2D, and 3A-3D

Electronic Copies of Laboratory Reports

Historic Table 1, 2 and 3 – Groundwater Elevation, BTEX and PAH Concentration Tables

#### **INTRODUCTION**

On behalf of Plains Marketing, L.P. (Plains), NOVA Safety and Environmental (NOVA) is pleased to submit this Annual Monitoring Report in compliance with the New Mexico Oil Conservation Division (NMOCD) letter of May 1998, requiring submittal of an Annual Monitoring Report by April 1 of each year. Beginning on May 29, 2004, project management responsibilities were assumed by NOVA. The Bob Durham Pipeline Release Site (the site), which was formerly the responsibility of Enron Oil Trading and Transportation (EOTT), is now the responsibility of Plains. This report is intended to be viewed as a complete document with figures, appendices, tables and text. The report presents the results of the four quarterly groundwater monitoring events conducted in calendar year 2010. For reference, the Site Location Map is provided as Figure 1.

Groundwater monitoring was conducted during each quarter of 2010 to assess the levels and extent of dissolved phase constituents and Phase Separated Hydrocarbon (PSH). Each groundwater monitoring event consisted of measuring static water levels in monitor wells, checking for the presence of PSH on the water column and purging and sampling of each well exhibiting sufficient recharge. Monitor wells containing a thickness of PSH greater than 0.01 foot were sampled as per a NMOCD directive.

#### SITE DESCRIPTION AND BACKGROUND INFORMATION

The site is located approximately two miles west of the city of Monument, New Mexico, in the NW ¼ of the NW ¼ of Section 32, Township 19 South, Range 37 East. The topography of the site is relatively flat with a slight topographic slope to the south. The site is located in a rural and residential area with a single-family residence located approximately 500 feet west of the release point. Generally, the surface consists of unconsolidated sand covered by sparse grasses and mesquite trees. Oil and gas production facilities are located adjacent to the site to the northeast and at a greater distance to the northwest.

The crude oil release was discovered during excavation activities associated with the installation of a polyethylene liner in the pipeline. During the initial response, an estimated 2,000 cubic yards of impacted soil was excavated and removed from the area immediately north of State Highway 322. EOTT personnel indicated the excavated soil was transported to J & L Landfarm, located near Eunice, New Mexico, for disposal. A previous contractor installed a total of 38 monitor wells to delineate the horizontal and vertical impact of the release.

Seven groundwater monitor wells (MW-17 through 19, MW-22, MW-34 through 36) were plugged and abandoned in September 2005, with NMOCD approval. Four monitor wells (MW-9, MW-14, MW-26 and MW-29) were plugged and abandoned on May 28, 2010 following the  $2^{nd}$  quarter sampling event with the approval of the NMOCD.

Currently, twenty-eight (28) groundwater monitor wells remain on-site (MW-1 through MW-8, MW-20, MW-21, MW-23 through MW-25, MW-27, MW-28 and MW-30 through MW-33, MW-37, MW-38 and MW-56). An automated product recovery system, consisting of pneumatic pumps installed in monitor wells MW-5, MW-7, MW-12, and MW-16, operated at the site until

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mid-2004 when the system was removed from operation due to decreasing PSH thicknesses. Recovery of PSH at the site is performed manually on a bi-monthly schedule.

A *Soil Closure Work Plan* (Work Plan) was submitted to the NMOCD in April 2010. The Work Plan proposed soil remediation activities intended to progress the site toward an NMOCD approved closure.

In May 2010, Plains received approval from the NMOCD to commence the soil remediation activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated August 2010 was submitted to the NMOCD for approval. On January 26, 2011, Plains received an email from the NMOCD approving the *Soil Closure Request* at the Bob Durham release site.

#### FIELD ACTIVITIES

#### **Product Recovery Efforts**

A measurable thickness of PSH was observed in one monitor well (MW-12) throughout the reporting period. The average thickness of PSH for 2010 is 0.17 feet in the monitor well exhibiting PSH. The maximum thickness of PSH in monitor wells during the reporting period was 0.30 feet, as measured in monitor well MW-12 on April 15, 2010. PSH data for the 2010 gauging events can be found in Table 1 and on Figures 3A through 3D.

Approximately 9.5 gallons (0.23 barrels) of PSH was recovered from the site during the 2010 reporting period. Recovery of PSH at the site is now performed manually and is conducted on a bi-monthly basis. Approximately 881.5 gallons (approximately 20.98 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

#### **Groundwater Monitoring**

Quarterly monitoring events for the reporting period were performed according to the following sampling schedule, which was approved by the NMOCD in correspondence dated April 28, 2004 and amended by NMOCD correspondence dated July 7, 2005.

			NMOCD Approv	ved Sampli	ng Schedule		
MW-1	Quarterly	MW-11	Annual	MW-21	Annual	MW-31	Quarterly
MW-2	Quarterly	MW-12_	Quarterly	MW-22	Plugged & Abnd	MW-32	Quarterly
MW-3	Quarterly	MW-13	Quarterly	MW-23	Quarterly	MW-33	Quarterly
MW-4	Quarterly	MW-14	P & A	MW-24	Semi-Annual	MW-34	P & A
MW-5	Quarterly	MW-15	Quarterly	MW-25	Annual	MW-35	P & A
MW-6	Quarterly	MW-16	Quarterly	MW-26	P & A	MW-36	P & A
MW-7	Quarterly	MW-17	P & A	MW-27	Semi-Annual	MW-37	Quarterly
MW-8	Quarterly	MW-18	P & A	MW-28	Quarterly	MW-38	Quarterly
MW-9	P & A	MW-19	P & A	MW-29	P & A		
MW-10	Quarterly	MW-20	Annual	MW-30	Annual		

The site monitor wells were gauged and sampled on February 18, May 18, August 18, and November 15, 2010. During each sampling event, monitor wells were purged of a minimum of three well volumes of water or until the wells failed to produce water. Purging was performed using a disposable polyethylene bailer for each well or electrical Grundfos pump and dedicated tubing. Groundwater was allowed to recharge and samples were collected using disposable Teflon samplers. Water samples were placed in clean glass containers provided by the laboratory and placed on ice in the field. Purge water was collected in a polystyrene tank and disposed of at a licensed disposal facility.

Locations of the monitor wells and the inferred groundwater gradient, which were constructed from measurements collected during quarterly sampling events performed in 2010, are depicted on the Inferred Groundwater Gradient Maps, Figures 2A-2D. Groundwater elevation data for 2010 is provided as Table 1. Historic groundwater elevation data beginning at project inception is provided on the enclosed data disk.

The most recent Groundwater Gradient Map, Figure 2D, indicates a general gradient of approximately 0.0447 feet/foot to the south as measured between monitor wells MW-6 and MW-37. This is consistent with data presented on Figures 2A through 2C from earlier in the year. The corrected groundwater elevations ranged between 3571.93 to 3581.91 feet above mean sea level, in monitor wells MW-38 on April 19, 2010 and MW-6 on February 18, 2010, respectively.

#### LABORATORY RESULTS

Monitor well MW-12 contained PSH during all four sampling events and was not sampled during the all four sampling events.

Groundwater samples obtained during the quarterly sampling events of 2010 were delivered to Trace Analysis, Inc. in Midland, Texas for determination of Benzene, Toluene, Ethylbenzene and Xylene (BTEX) constituent concentrations by EPA Method 8021B. Polynuclear Aromatic Hydrocarbons (PAH) analysis was conducted during the 2010 calendar year on monitor wells MW-1 and MW-5. Based upon historic PAH analytical data, only those wells exhibiting elevated constituent concentrations above WQCC standards are sampled, with the exclusion of those wells containing measurable PSH thicknesses. A listing of BTEX constituent concentrations are summarized in Table 2 and the Historic PAH constituent concentrations are summarized in Table 3. Copies of the laboratory reports generated for 2010 are provided on the enclosed data disk. The quarterly groundwater sample results for BTEX constituent constituent concentrations are depicted on Figures 3A through 3D.

**Monitor well MW-1** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0020 mg/L during the 3<sup>rd</sup> quarter to 0.0298 mg/L during the 1<sup>st</sup> quarter. Benzene concentrations were above the NMOCD regulatory standard during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters of the reporting period. Toluene concentrations were below the laboratory method detection limits (MDL) and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from 0.0011 mg/L during the 3<sup>rd</sup> quarter to 0.0053 mg/L during the 4<sup>th</sup> quarter of 2010. Ethyl-benzene concentrations were below the laboratory NMOCD regulatory standards during all four quarters of the reporting period. Xylene

concentrations ranged from 0.0030 mg/L during the  $3^{rd}$  quarter to 0.0109 mg/L during the  $4^{th}$  quarter of 2010. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. PAH analysis during the  $4^{th}$  quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.000404 mg/L), 1-methylnaphthalene (0.00103 mg/L), 2-methylnaphthalene (0.000268 mg/L), flourine (0.000465 mg/L) and dibenzofuran (0.000452 mg/L), which are below WQCC standards.

**Monitor well MW-2** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 3<sup>rd</sup> and 4<sup>th</sup> quarters to 0.0091 mg/L during the 1<sup>st</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup> and 4<sup>th</sup> quarters to 0.0019 mg/L during the 3<sup>rd</sup> quarter. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3<sup>rd</sup> quarter. Xylene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. At the standards during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0033 mg/L during the 3<sup>rd</sup> quarter. Xylene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. At the standards during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0033 mg/L during the 3<sup>rd</sup> quarter. At the standards during all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-3** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-4** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0012 mg/L during the 3<sup>rd</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0046 mg/L during the 3<sup>rd</sup> quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during and 4<sup>th</sup> quarters to 0.0023 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Toluene concentrations ranged from <0.001 mg/L during the 3<sup>rd</sup> quarter of 2010.

**Monitor well MW-5** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0062 mg/L during the  $3^{rd}$  quarter to 0.0495 mg/L during the  $1^{st}$  quarter of 2010. Benzene concentrations were above the NMOCD regulatory standard during the  $1^{st}$ ,  $2^{nd}$  and  $4^{th}$  quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from 0.0035 mg/L during the  $3^{rd}$  quarter to 0.0077 mg/L during the  $4^{th}$  quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during the  $4^{th}$  quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during the  $3^{rd}$  quarter to 0.0035 mg/L during the  $3^{rd}$  quarter to 0.0077 mg/L during the  $3^{rd}$  quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from 0.0038 mg/L during the  $3^{rd}$  quarter to 0.0085 mg/L during the  $4^{th}$  quarter. Xylene concentrations

were below NMOCD regulatory standards during all four quarters of the reporting period. PAH analysis during the 4<sup>th</sup> quarter sampling event indicated elevated concentrations above MDLs for naphthalene (0.00532 mg/L), 1-methylnaphthalene (0.00962 mg/L), 2-methylnaphthalene (0.00626 mg/L), flourine (0.00132 mg/L), phenanthrene (0.000798 mg/L) and dibenzofuran (0.000806 mg/L), which are below WQCC standards.

**Monitor well MW-6** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-7** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-8** is sampled on a quarterly schedule and analytical results indicate benzene and toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0014 mg/L during the 3<sup>rd</sup> quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0018 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below nMOCD regulatory standards during all four quarters were below nMOCD regulatory standards during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below nMOCD regulatory standards during all four quarters were below not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-9** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each constituent during the 1<sup>st</sup> and 2<sup>nd</sup> quarters of the reporting period. MW-9 was properly plugged and abandoned on May 28, 2010.

**Monitor well MW-10** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0075 mg/L during the 3<sup>rd</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0047 mg/L during the 3<sup>rd</sup> quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during and 4<sup>th</sup> quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-11** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last eighteen consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-12** is monitored on a quarterly schedule. Monitor well MW-12 was not sampled during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period, due to the presence of PSH in the monitor well. PSH thicknesses of 0.24 feet, 0.23 feet, 0.23 feet and 0.25 feet were reported during the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of 2010, respectively. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event, due to the presence of PSH.

**Monitor well MW-13** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-14** is sampled on a semi-annual schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2<sup>nd</sup> quarter sampling event. MW-14 was properly plugged and abandoned on May 28, 2010.

**Monitor well MW-15** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-16** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0030 mg/L during the 3<sup>rd</sup> quarter. Benzene concentrations were below the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethylbenzene concentrations ranged from <0.001 mg/L during the1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0016 mg/L during the 3<sup>rd</sup> quarter. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters to 0.0012 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last seventeen consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-20** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-

three consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-21** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-23** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during all four quarterly sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-five consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-24** is sampled on a semi-annual schedule. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2<sup>nd</sup> and 4<sup>th</sup> quarter sampling events. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-four consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-25** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-26** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the  $1^{st}$  and  $2^{nd}$  quarters of the reporting period. MW-26 was properly plugged and abandoned on May 28, 2010.

**Monitor well MW-27** is sampled on a semi-annual schedule and was inadvertently not sampled during the 2<sup>nd</sup> quarter of 2010. Analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last fourteen consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

Monitor well MW-28 is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results

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indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-six consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

Monitor well MW-29 was properly plugged and abandoned on May 28, 2010.

**Monitor well MW-30** is sampled on an annual schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 4<sup>th</sup> quarter sampling event. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-31** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-32** is sampled on a quarterly schedule and analytical results indicate benzene and toluene concentrations were below the MDL and NMOCD regulatory standard during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0012 mg/L during the 3<sup>rd</sup> quarter of 2010. Ethyl-benzene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarter of 2010. Xylene concentrations were below the NMOCD regulatory standards during the 1<sup>st</sup>, 2<sup>nd</sup> and 4<sup>th</sup> quarters to 0.0028 mg/L during the 3<sup>rd</sup> quarter of 2010. Xylene concentrations were below the NMOCD regulatory standards during all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-one consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-33** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-nine consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-37** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the all four quarters of the reporting period. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty-three consecutive quarters. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

**Monitor well MW-38** is sampled on a quarterly schedule and analytical results indicate benzene concentrations ranged from 0.0106 mg/L during the  $2^{nd}$  quarter to 0.0142 mg/L during the  $1^{st}$  quarter. Benzene concentrations were above the NMOCD regulatory standard during all four quarters of the reporting period. Toluene concentrations were below the MDL and NMOCD regulatory standards during all four quarters of the reporting period. Ethyl-benzene concentrations ranged from <0.001 mg/L during the  $2^{nd}$  and  $4^{th}$  quarters to 0.0029 mg/L during the  $3^{rd}$  quarter of 2010. Ethyl-benzene concentrations were below NMOCD regulatory standards during all four quarters of the reporting period. Xylene concentrations ranged from <0.001 mg/L during the  $2^{nd}$  quarter of 2010. Standards during the  $2^{nd}$  quarter of 2010. Xylene concentrations were below regulatory standards during all four quarters of the reporting period. Aylene concentrations were below regulatory standards during all four quarters of the reporting period. Standards during the  $4^{th}$  quarter to 0.0040 mg/L during the  $2^{nd}$  quarter of 2010. Aylene concentrations were below regulatory standards during all four quarters of the reporting period. Aylene concentrations were below regulatory standards during all four quarters of the reporting period. Aylene concentrations were below regulatory standards during all four quarters of the reporting period. PAH analysis was not conducted during the  $4^{th}$  quarter sampling event.

**Monitor well MW-56** is sampled on a quarterly schedule and analytical results indicate BTEX constituent concentrations were below the MDL and NMOCD regulatory standards for each BTEX constituent during the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> quarters of the reporting period. PAH analysis was not conducted during the 4<sup>th</sup> quarter sampling event.

Laboratory analytical results were compared to NMOCD regulatory limits based on the New Mexico groundwater standards found in section 20.6.2.3103 of the New Mexico Administrative Code.

#### SUMMARY

This report presents the results of monitoring activities for the 2010 annual monitoring period. Currently, twenty-eight (28) groundwater monitor wells remain on-site (MW-1 through MW-8, MW-20, MW-21, MW-23 through MW-25, MW-27, MW-28, MW-30 through MW-33, MW-37, MW-38 and MW-56). Seven groundwater monitor wells (MW-17 through 19, MW-22, MW-34 through 36) were plugged and abandoned in September 2005, with NMOCD approval. Four monitor wells (MW-9, MW-14, MW-26 and MW-29) were plugged and abandoned on May 28, 2010 following the 2<sup>nd</sup> quarter sampling event with the approval of the NMOCD.

Groundwater elevation contours generated from water level measurements acquired during the reporting period indicate a general groundwater gradient of approximately 0.0447 feet/foot to the south.

A measurable thickness of PSH was observed in one monitor well (MW-12) throughout the reporting period. The average thickness of PSH for 2010 is 0.17 feet in the monitor well exhibiting PSH.

Approximately 9.5 gallons (0.23 barrels) of PSH was recovered from the site during the 2010 reporting period. Approximately 881.5 gallons (approximately 20.98 barrels) of PSH has been recovered from the site by automated systems and by manual recovery methods since project inception.

Review of laboratory analytical results of the groundwater samples obtained during the 2010 monitoring period indicates the BTEX constituent concentrations are below applicable NMOCD standards in twenty-four of the twenty-eight monitor wells currently on-site. Dissolved phase and phase separated hydrocarbon impact appears to be limited to monitor wells MW-1, MW-5, MW-12 and MW-38. Review of PAH analysis indicates a decreasing trend in constituent concentrations in two monitor wells, MW-1 and MW-5.

#### **ANTICIPATED ACTIONS**

In May 2010, Plains received approval from the NMOCD to commence the soil remediation activities outlined in the Work Plan. Following the completion of the soil remediation activities, a *Soil Closure Request* dated August 2010 was submitted to the NMOCD for approval. On January 26, 2011, Plains received an email from the NMOCD approving the *Soil Closure Request* at the Bob Durham release site.

Quarterly monitoring and groundwater sampling will continue in 2011. Plains respectfully requests NMOCD approval to modify the sampling schedule for the following monitor wells:

• Monitor wells MW-3, MW-15, MW-23, MW-28, MW-31 and MW-33 are currently sampled on a quarterly schedule. Plains proposes to modify the schedule to a semi-annual schedule. The analytical results indicate BTEX constituent concentrations have been below NMOCD regulatory standards for the last twenty consecutive quarters.

Manual PSH recovery and gauging will continue on a bi-monthly schedule and will be adjusted according to site conditions. An Annual Monitoring Report will be submitted to the NMOCD by April 1, 2012.

Based on the results of the PAH analysis over the past several years, further PAH analysis be conducted only on those monitor wells (MW-1 and MW-5) which have historically exhibited elevated constituents near or above the WQCC standards.

#### LIMITATIONS

NOVA has prepared this Annual Monitoring Report to the best of its ability. No other warranty, expressed or implied, is made or intended.

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

This report has been prepared for the benefit of Plains. The information contained in this report, including all exhibits and attachments, may not be used by any other party without the express consent of NOVA and/or Plains.

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#### DISTRIBUTION

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### Figures



















### Tables

#### **GROUNDWATER ELEVATION DATA - 2010**

		CASDIC				CORRECTED
AN INC.		CASING			DOV	GROUND
WELL	DATE	WELL	DEPTH TO	DEPTH TO	PSH	WATER
NUMBER	MEASURED	ELEVATION	PRODUCT	WATER	THICKNESS	ELEVATION
<u>MW - 1</u>	01/13/10	3,595.30	-	15.14	0.00	3,580.16
<u>MW - 1</u>	01/20/10	3,595.30	-	15.04	0.00	3,580.26
<u>MW - 1</u>	02/18/10	3,595.30	-	15.06	0.00	3,580.24
<u>MW - 1</u>	03/03/10	3,595.30	-	15.10	0.00	3,580.20
MW - 1	03/16/10	3,595.30	-	15.06	0.00	3,580.24
<u>MW - 1</u>	04/05/10	3,595.30	-	15.07	0.00	3,580.23
<u>MW - 1</u>	04/15/10	3,595.30		15.06	0.00	3,580.24
MW - 1	04/19/10	3,595.30	-	15.10	0.00	3,580.20
MW - 1	04/28/10	3,595.30	-	15.08	0.00	3,580.22
MW - 1	05/18/10	3,595.30	-	15.09	0.00	3,580.21
MW - 1	05/21/10	3,595.30	-	15.11	0.00	3,580.19
MW - 1	07/28/10	3,595.30	-	15.38	0.00	3,579.92
MW - 1	08/06/10	3,595.30	-	15.22	0.00	3,580.08
MW - 1	08/18/10	3,595.30	-	15.09	0.00	3,580.21
MW - 1	08/31/10	3,595.30	-	15.34	0.00	3,579.96
MW - 1	09/10/10	3,595,30	-	15.34	0.00	3,579.96
MW - 1	09/23/10	3,595.30	-	15.35	0.00	3,579.95
MW - 1	10/06/10	3,595.30	-	15.37	0.00	3,579.93
MW - 1	10/27/10	3,595.30	-	15.38	0.00	3,579.92
MW - 1	11/16/10	3,595,30	-	15.11	0.00	3,580.19
MW - 1	12/16/10	3,595.30	-	15.26	0.00	3,580.04
MW - 2	01/13/10	3,595.64	-	15.25	0.00	3,580.39
MW - 2	01/20/10	3,595.64	-	15.36	0.00	3,580.28
MW - 2	02/18/10	3,595.64		15.24	0.00	3,580.40
MW - 2	03/03/10	3,595,64	_	15.26	0.00	3,580.38
MW - 2	04/15/10	3.595.64	-	15.30	0.00	3,580.34
MW - 2	04/19/10	3,595.64	-	15.31	0.00	3,580.33
MW - 2	05/18/10	3.595.64	_	15.26	0.00	3,580.38
MW - 2	05/21/10	3,595.64	-	15.27	0.00	3,580.37
MW - 2	08/18/10	3,595.64	-	15.25	0.00	3,580.39
MW - 2	11/16/10	3,595.64	-	15.27	0.00	3,580.37
		<u> </u>				
MW - 3	01/13/10	3,596.22	-	15.07	0.00	3,581.15
MW - 3	02/18/10	3,596.22	-	15.06	0.00	3,581.16
MW - 3	05/18/10	3,596.22	-	15.09	0.00	3,581.13
MW - 3	08/18/10	3.596.22	-	15.09	0.00	3,581.13
MW - 3	11/16/10	3,596.22	-	14.99	0.00	3,581.23
						ź
MW - 4	01/13/10	3 596 60	-	15 82	0.00	3,580,78
MW - 4	01/20/10	3 596 60		15.97	0.00	3 580 63
MW - 4	02/18/10	3 596 60		15.80	0.00	3 580 80
MW - 4	03/03/10	3 596 60		15.80	0.00	3 580 78
MW7 4	03/16/10	3 506 60		15 30	0.00	3 581 21
141 14 - 4	03/10/10	3,270.00	-	1 10.07	0.00	5,501.41

#### **GROUNDWATER ELEVATION DATA - 2010**

						CORRECTED
		CASING				GROUND
WELL	DATE	WELL	<b>DEPTH TO</b>	<b>ДЕРТН ТО</b>	PSH	WATER
NUMBER	MEASURED	ELEVATION	PRODUCT	WATER	THICKNESS	ELEVATION
MW - 4	04/05/10	3,596.60	-	15.37	0.00	3,581.23
MW - 4	04/15/10	3,596.60	-	15.84	0.00	3,580.76
MW - 4	04/19/10	3,596.60	-	15.87	0.00	3,580.73
MW - 4	04/28/10	3,596.60	-	15.37	0.00	3,581.23
<b>MW - 4</b>	05/18/10	3,596.60	-	15.26	0.00	3,581.34
MW - 4	05/21/10	3,596.60	-	15.83 -	0.00	3,580.77
MW - 4	08/18/10	3,596.60	-	15.83	0.00	3,580.77
MW - 4	11/16/10	3,596.60	-	15.80	0.00	3,580.80
MW - 5	01/13/10	3,596.56		16.52	0.00	3,580.04
MW - 5	01/20/10	3,596.56	-	17.07	0.00	3,579.49
MW - 5	02/18/10	3,596.56	-	16.61	0.00	3,579.95
MW - 5	03/03/10	3,596.56	-	16.65	0.00	3,579.91
MW - 5	03/16/10	3,596.56	_	17.10	0.00	3,579.46
MW - 5	04/05/10	3,596.56	- ·	17.07	0.00	3,579.49
MW - 5	04/15/10	3,596.56	_	16.65	0.00	3,579.91
MW - 5	04/19/10	3,596.56	-	16.67	0.00	3,579.89
	04/28/10	3,596.56	-	17.09	0.00	3,579.47
MW - 5	05/18/10	3,596.56	-	16.68	0.00	3,579.88
MW - 5	05/21/10	3,596.56	-	16.70	0.00	3,579.86
MW - 5	07/28/10	3,596.56	-	15.63	0.00	3,580.93
MW - 5	08/06/10	3,596.56	_	15.55	0.00	3,581.01
MW - 5	08/18/10	3,596.56	-	16.68	0.00	3,579.88
MW - 5	08/31/10	3,596.56	-	15.70	0.00	3,580.86
MW - 5	09/10/10	3,596.56	_	15.79	0.00	3,580.77
MW - 5	09/23/10	3,596.56	-	15.78	0.00	3,580.78
MW - 5	10/06/10	3,596.56	-	15.76	0.00	3,580.80
MW - 5	10/27/10	3,596.56	-	15.74	0.00	3,580.82
	11/16/10	3,596.56	-	16.70	0.00	3,579.86
MW - 5	12/16/10	3,596.56	-	15.49	0.00	3,581.07
<u>MW - 6</u>	01/13/10	3,596.66	-	14.75	0.00	3,581.91
<u>MW - 6</u>	02/18/10	3,596.66	-	14.75	0.00	3,581.91
MW - 6	05/18/10	3,596.66		14.78	0.00	3,581.88
<u>MW - 6</u>	08/18/10	3,596.66	-	14.78	0.00	3,581.88
<u>MW-6</u>	11/16/10	3,596.66	-	14.79	0.00	3,581.87
<u>MW - 7</u>	01/13/10	3,596.96	-	16.93	0.00	3,580.03
MW - 7	01/20/10	3,596.96	-	16.87	0.00	3,580.09
MW - 7	02/18/10	3,596.96	-	16.93	0.00	3,580.03
MW - 7	03/03/10	3,596.96	-	16.95	0.00	3,580.01
MW - 7	03/16/10	3,596.96	-	16.90	0.00	3,580.06
MW - 7	04/05/10	3,596.96	_	16.87	0.00	3,580.09

#### **GROUNDWATER ELEVATION DATA - 2010**

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUND WATER ELEVATION
MW - 7	04/15/10	3,596.96	-	16.99	0.00	3,579.97
MW - 7	04/19/10	3,596.96	-	17.01	0.00	3,579.95
MW - 7	04/28/10	3,596.96	-	16.86	0.00	3,580.10
MW - 7	05/18/10	3,596.96	-	16.96	0.00	3,580.00
MW - 7	05/21/10	3,596.96	-	16.97	0.00	3,579.99
MW - 7	08/18/10	3,596.96	-	16.95	0.00	3,580.01
MW - 7	11/15/10	3,596.96	- '	16.95	0.00	3,580.01
MW - 8	01/13/10	3,597.35	-	16.53	0.00	3,580.82
MW - 8	02/18/10	3,597.35	-	16.52	0.00	3,580.83
MW - 8	05/18/10	3,597.35	-	16.56	0.00	3,580.79
MW - 8	08/18/10	3,597.35	-	16.57	0.00	3,580.78
MW - 8	11/15/10	3,597.35	-	16.58	0.00	3,580.77
MW - 9	01/13/10	3,593.95	-	18.15	0.00	3,575.80
MW - 9	02/18/10	3,593.95	-	18.15	0.00	3,575.80
MW - 9	05/18/10	3,593.95	-	18.19	0.00	3,575.76
MW - 9	05/28/10	PLUGGED & A	BANDONED			
MW - 10	01/13/10	3,594.57	-	17.40	0.00	3,577.17
MW - 10	02/18/10	3,594.57	-	19.41	0.00	3,575.16
MW - 10	05/18/10	3,594.57	-	19.43	0.00	3,575.14
MW - 10	08/18/10	3,594.57	-	19.43	0.00	3,575.14
MW - 10	11/16/10	3,594.57	-	19.45	0.00	3,575.12
MW - 11	01/13/10	3,593.77	-	18.91	0.00	3,574.86
MW - 11	02/18/10	3,593.77	-	19.00	0.00	3,574.77
MW - 11	05/18/10	3,593.77	-	19.07	0.00	3,574.70
MW - 11	08/18/10	3,593.77	-	19.07	0.00	3,574.70
MW - 11	11/15/10	3,593.77	-	19.10	0.00	3,574.67
<u>MW - 12</u>	01/13/10	3,596.39	17,82	18.05	0.23	3,578.54
MW - 12	01/20/10	3,596.39	18.13	18.24	0.11	3,578.24
<u>MW - 12</u>	02/18/10	3,596.39	18.29	18.53	0.24	3,578.06
<u>MW - 12</u>	03/03/10	3,596.39	18.31	18.54	0.23	3,578.05
MW - 12	03/16/10	3,596.39	18.17	18.23	0.06	3,578.21
<u>MW - 12</u>	04/05/10	3,596.39	18.17	18.41	0.24	3,5/8.18
<u>MW - 12</u>	04/15/10	3,596.39	18.30	18.60	0.30	3,3/8.03
MW - 12	04/19/10	3,596.39	18.32	18.53	0.21	3,578.04
MW - 12	04/28/10	3,596.39	18.19	18.40	0.21	3,5/8.1/
MW - 12	05/18/10	3,596.39	18.19	18.42	0.23	3,5/8.17
<u>MW - 12</u>	05/21/10	3,596.39	18.19	18.43	0.24	3,5/8.16
MW - 12	07/02/10	3,596.39	18.11	18.22	0.11	3,578.26

#### **GROUNDWATER ELEVATION DATA - 2010**

						CORRECTED
		CASING				GROUND
WELL	DATE	WELL	<b>DEPTH TO</b>	<b>DEPTH TO</b>	PSH	WATER
NUMBER	MEASURED	ELEVATION	PRODUCT	WATER	THICKNESS	ELEVATION
MW - 12	07/28/10	3,596.39	17.54	17.76	. 0.22	3,578.82
MW - 12	08/06/10	3,596.39	17.60	17.73	0.13	3,578.77
MW - 12	08/18/10	3,596.39	18.20	18.43	0.23	3,578.16
MW - 12	08/31/10	3,596.39	17.64	17.73	0.09	3,578.74
MW - 12	09/10/10	3,596.39	17.67	17.75	0.08	3,578.71
MW - 12	09/23/10	3,596.39	17.68	17.73	0.05	3,578.70
MW - 12	10/06/10	3,596.39	17.70	17.72	0.02	3,578.69
MW - 12	10/27/10	3,596.39	17.72	17.74	0.02	3,578.67
MW - 12	11/16/10	3,596.39	18.19	18.44	0.25	3,578.16
MW - 12	12/16/10	3,596.39	17.61	17.84	0.23	3,578.75
MW - 13	01/13/10	3,592.71	-	19.04	0.00	3,573.67
MW - 13	02/18/10	3,592.71	-	19.65	0.00	3,573.06
MW - 13	05/18/10	3,592.71	-	19.67	0.00	3,573.04
MW - 13	08/18/10	3,592.71	-	19.66	0.00	3,573.05
MW - 13	11/16/10	3,592.71	_	19.65	0.00	3,573.06
MW - 14	01/13/10	3,592.73	-	19.53	0.00	3,573.20
MW - 14	02/18/10	3,592.73	-	19.55	0.00	3,573.18
MW - 14	05/18/10	3,592.73	-	19.61	0.00	3,573.12
MW - 14	05/28/10	PLUGGED & A	BANDONED			
MW - 15	01/13/10	3,595.93	-	17.56	0.00	3,578.37
MW - 15	02/18/10	3,595.93	-	17.87	0.00	3,578.06
MW - 15	05/18/10	3,595.93	-	17.91	0.00	3,578.02
MW - 15	08/18/10	3,595.93	-	17.91	0.00	3,578.02
MW - 15	11/15/10	3,595.93	-	17.94	0.00	3,577.99
MW - 16	01/13/10	3,595.75	-	15.74	0.00	3,580.01
MW - 16	01/20/10	3,595.75	-	15.73	0.00	3,580.02
MW - 16	02/18/10	3,595.75	-	15.73	0.00	3,580.02
MW - 16	03/03/10	3,595.75	-	15.76	0.00	3,579.99
MW - 16	03/16/10	3,595.75		15.76	0.00	3,579.99
MW - 16	04/05/10	3,595.75	-	15.74	0.00	3,580.01
MW - 16	04/15/10	3,595.75	-	15.79	0.00	3,579.96
MW - 16	04/19/10	3,595.75	-	15.81	0.00	3,579.94
MW - 16	04/28/10	3,595.75	-	15.76	0.00	3,579.99
MW - 16	05/18/10	3,595.75		15.77	0.00	3,579.98
MW - 16	05/21/10	3,595.75	_	15.79	0.00	3,579.96
MW - 16	08/18/10	3,595.75		15.76	0.00	3,579.99
MW - 16	11/15/10	3,595.75	-	15.76	0.00	3,579.99

#### **GROUNDWATER ELEVATION DATA - 2010**

						CORRECTED
		CASING				GROUND
WELL	DATE	WELL	DEPTH TO	<b>DEPTH TO</b>	PSH	WATER
NUMBER	MEASURED	ELEVATION	PRODUCT	WATER	THICKNESS	ELEVATION
MW - 20	01/13/10	3,597.64	-	17.03	0.00	3,580.61
MW - 20	02/18/10	3,597.64	_	17.00	0.00	3,580.64
MW - 20	05/18/10	3,597.64		17.05	0.00	3,580.59
MW - 20	08/18/10	3,597.64	- `	17.06	0.00	3,580.58
MW - 20	11/15/10	3,597.64	-	17.07	0.00	3,580.57
			_			
MW - 21	01/13/10	3,596.88	-	15.79	0.00	3,581.09
MW - 21	02/18/10	3,596.88	-	15.78	0.00	3,581.10
MW - 21	05/18/10	3,596.88	-	15.84	0.00	3,581.04
MW - 21	08/18/10	3,596.88	-	15.83	0.00	3,581.05
MW - 21	11/15/10	3,596.88	-	15.82	0.00	3,581.06
MW - 23	01/13/10	3,598.07	-	17.65	0.00	3,580.42
MW - 23	02/18/10	3,598.07	-	17.64	0.00	3,580.43
MW - 23	05/18/10	3,598.07	-	17.69	0,00	3,580.38
MW - 23	08/18/10	3,598.07	-	17.69	0.00	3,580.38
MW - 23	11/15/10	3,598.07	_	17.69	0.00	3,580.38
MW - 24	01/13/10	3,598.01	_	16.64	0.00	3,581.37
MW - 24	02/18/10	3,598.01		16.63	0.00	3,581.38
MW - 24	05/18/10	3,598.01	-	16.66	0.00	3,581.35
MW - 24	08/18/10	3,598.01	-	16.67	0.00	3,581.34
MW - 24	11/15/10	3,598.01	-	16.68	0.00	3,581.33
MW - 25	01/13/10	3,599.25	-	18.48	0.00	3,580.77
MW - 25	02/18/10	3,599.25	-	18.48	0.00	3,580.77
MW - 25	05/18/10	3,599.25	-	18.53	0.00	3,580.72
MW - 25	08/18/10	3,599.25		18.53	0.00	3,580.72
MW - 25	11/15/10	3,599.25	-	18.55	0.00	3,580.70
MW - 26	01/13/10	3,596.26	-	14.57	0.00	3,581.69
MW - 26	02/18/10	3,596.26	-	14.52	0.00	3,581.74
MW - 26	05/18/10	3,596.26	-	14.56	0.00	3,581.70
MW - 26	05/28/10	PLUGGED & A	BANDONED			
MW - 27	01/13/10	3,592.64	-	14.09	0.00	3,578.55
MW - 27	02/18/10	3,592.64	-	14.07	0.00	3,578.57
MW - 27	05/18/10	3,592.64	DID NOT G	AUGE NOR SAN	IPLE DUE TO AG	GRESSIVE DOGS
MW - 27	08/18/10	3,592.64		14.09	0.00	3,578.55
MW - 27	11/15/10	3,592.64	-	14.09	0.00	3,578.55

#### **GROUNDWATER ELEVATION DATA - 2010**

						CORRECTED
		CASING				GROUND
WELL	DATE	WELL	<b>DEPTH TO</b>	<b>DEPTH TO</b>	PSH	WATER
NUMBER	MEASURED	ELEVATION	PRODUCT	WATER	THICKNESS	ELEVATION
MW - 28	01/13/10	3,598.02	-	24.86	0.00	3,573.16
MW - 28	02/18/10	3,598.02	-	24.62	0.00	3,573.40
<u>M</u> W - 28	05/18/10	3,598.02	-	24.25	0.00	3,573.77
<u>M</u> W - 28	08/18/10	3,598.02	-	24.24	0.00	3,573.78
MW - 28	11/15/10	3,598.02	-	24.23	0.00	3,573.79
MW - 29	01/13/10	3,595.29	-	21.57	0.00	3,573.72
<u>M</u> W - 29	02/18/10	3,595.29	-	21.56	0.00	3,573.73
MW - 29	05/18/10	3,595.29	-	21.62	0.00	3,573.67
<u>M</u> W - 29	05/28/10	PLUGGED & A	BANDONED			
MW - 30	01/13/10	3,595.74	-	22.19	0.00	3,573.55
<u>M</u> W - 30	02/18/10	3,595.74	-	22.18	0.00	3,573.56
<u>M</u> W - 30	05/18/10	3,595.74	-	22.24	0.00	3,573.50
MW - 30	08/18/10	3,595.74	-	22.24	0.00	3,573.50
<u>MW - 30</u>	11/15/10	3,595.74	-	22.24	0.00	3,573.50
MW - 31	01/13/10	3,593.77	-	21.19	0.00	3,572.58
MW - 31	02/18/10	3,593.77	-	21.15	0.00	3,572.62
MW - 31	05/18/10	3,593.77	-	21.19	0.00	3,572.58
MW - 31	08/18/10	3,593.77	-	21.21	0.00	3,572.56
<u>MW - 31</u>	11/15/10	3,593.77	-	21.23	0.00	3,572.54
MW - 32	01/13/10	3,592.11	-	19.57	0.00	3,572.54
MW - 32	02/18/10	3,592.11	-	19.68	0.00	3,572.43
MW - 32	05/18/10	3,592.11	-	19.69	0.00	3,572.42
<u>MW - 32</u>	05/21/10	3,592.11	-	19.71	0.00	3,572.40
<u>M</u> W - 32	08/18/10	3,592.11	-	19.69	0.00	3,572.42
<u>M</u> W - 32	11/15/10	3,592.11	-	19.71	0.00	3,572.40
<u>MW - 33</u>	01/13/10	3,592.55		20.04	0.00	3,572.51
MW - 33	02/18/10	3,592.55	-	20.12	0.00	3,572.43
<u>M</u> W - 33	05/18/10	3,592.55	-	20.17	0.00	3,572.38
<u>MW - 33</u>	08/18/10	3,592.55		20.16	0.00	3,572.39
<u>MW - 33</u>	11/15/10	3,592.55	-	20.14	0.00	3,572.41
<u>MW</u> - 37	01/13/10	3,592.00		19.84	0.00	3,572.16
MW - 37	02/18/10	3,592.00	_	19.96	0.00	3,572.04
MW - 37	05/18/10	3,592.00	-	19.98	0.00	3,572.02
MW - 37	08/18/10	3,592.00	-	19.98	0.00	3,572.02
MW - 37	11/15/10	3,592.00	-	20.00	0.00	3,572.00

#### **GROUNDWATER ELEVATION DATA - 2010**

#### PLAINS MARKETING, L.P. BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

						CORRECTED
		CASING				GROUND
WELL	DATE	WELL	<b>DEPTH TO</b>	<b>DEPTH TO</b>	PSH	WATER
NUMBER	MEASURED	ELEVATION	PRODUCT	WATER	THICKNESS	ELEVATION
MW - 38	01/13/10	3,592.14	-	20.18	0.00	3571.96
MW - 38	01/20/10	3,592.14	-	20.04	0.00	3572.10
MW - 38	02/18/10	3,592.14		19.91	0.00	3572.23
MW - 38	03/03/10	3,592.14	-	20.04	0.00	3572.10
MW - 38	03/16/10	3,592.14	-	20.09	0.00	3572.05
MW - 38	04/05/10	3,592.14	-	20.03	0.00	3572.11
MW - 38	04/15/10	3,592.14	-	20.18	0.00	3571.96
MW - 38	04/19/10	3,592.14	-	20.21	0.00	3571.93
MW - 38	04/28/10	3,592.14	-	20.05	0.00	3572.09
MW - 38	05/18/10	3,592.14	-	19.96	0.00	3572.18
MW - 38	05/21/10	3,592.14	-	19.98	0.00	3572.16
MW - 38	08/18/10	3,592.14	-	19.94	0.00	3572.20
MW - 38	11/16/10	3,592.14	-	19.96	0.00	3572.18
MW-56	08/18/10	-	-	19.77	0	-19.77
MW-56	11/15/10	-	-	19.77	0	-19.77
SUMP	07/28/10		-	13.91	0.00	
SUMP	08/06/10		sheen	13.86	0.00	
SUMP	08/31/10		sheen	13.88	0.00	
SUMP	09/10/10		sheen	14.01	0.00	
SUMP	09/23/10		sheen	14.01	0.00	
SUMP	10/06/10		sheen	14.03	0.00	
SUMP	10/27/10		sheen	14.04	0.00	
SUMP	12/16/10		sheen	13.92	0.00	

\* Complete historical Data Tables are presented on the attached CD.

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#### **CONCENTRATIONS OF BTEX IN GROUNDWATER**

#### PLAINS MARKETING, L.P. BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.										
		SW 846-8021B, 5030								
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0- XYLENE				
NMOCD RE	GULATORY AIT	0.0100	0.7500	0.7500	0.62	00				
MW-1	02/18/10	0.0298	< 0.001	0.0052	0.00	41				
MW-1	05/18/10	0.0182	<0.001	0.0039	0.00	34				
MW-1	08/18/10	0.0020	< 0.001	0.0011	0.00	30				
MW-1	11/15/10	0.0103	<0.001	0.0053	0.01	09				
MW-2	02/18/10	0.0091	< 0.001	<0.001	<0.0	01				
MW-2	05/18/10	0.0065	<0.001	0.0018	<0.0	01				
MW-2	08/18/10	< 0.001	< 0.001	0.0019	0.00	33				
MW-2	11/15/10	<0.001	<0.001	<0.001	<0.0	01				
MW-3	02/18/10	<0.001	<0.001	<0.001	<0.0	01				
MW-3	05/18/10	< 0.001	<0.001	<0.001	<0.0	01				
MW-3	08/18/10	<0.001	<0.001	<0.001	<0.0	01				
MW-3	11/15/10	< 0.001	<0.001	<0.001	<0.0	01				
MW-4	02/18/10	< 0.001	<0.001	< 0.001	<0.0	01				
MW-4	05/18/10	<0.001	< 0.001	< 0.001	<0.0	01				
MW-4	08/18/10	0.0012	< 0.001	0.0046	0.00	23				
MW-4	11/15/10	< 0.001	< 0.001	<0.001	<0.0	01				
<u>MW-5</u>	02/18/10	0.0495	<0.001	0.005	0.00	66				
MW-5	05/18/10	0.0386	<0.001	0.004	0.00	51				
MW-5	08/18/10	0.0062	<0.001	0.0035	0.00	38				
MW-5	11/15/10	0.0355	<0.001	0.0077	0.00	85				
				-0.001		0.1				
MW-6	02/18/10	<0.001	<0.001	<0.001	<0.0	01				
MW-6	05/18/10	<0.001	<0.001	<0.001	<0.0	01				
MW-6	08/18/10	<0.001	<0.001	<0.001	<0.0	01				
<u>MW-6</u>	11/15/10	<0,001	<0.001		<u> </u>	VI				
	00/10/10	-0.001	<0.001	<0.001	~0.0	01				
<u>MW-7</u>	02/18/10	<0.001	<0.001	<0.001	<0.0	$\frac{01}{01}$				
MW-7	05/18/10	<0.001	<0.001	<0.001	<0.0	01				
MW-7	08/18/10	<0.001	<0.001	<0.001	<0.0	01				
<u>MW-/</u>	11/15/10	<0.001	<0.001	<0.001	<0.0					
	02/12/10	<0.001	<0.001	<0.001	~^^ ^	<u>01</u>				
MW-8	02/18/10	<0.001	<0,001			01				
MW-8	05/18/10	<0.001	<0.001		<0.0	18				
MW-8					. 0.00	<u>10</u> 01				
<u></u>	11/13/10	<u>~v.uu1</u>		~0.001	<u> </u>	v I				

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#### **CONCENTRATIONS OF BTEX IN GROUNDWATER**

#### PLAINS MARKETING, L.P. BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.

		SW 846-8021B, 5030					
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0- XYLENE	
NMOCD RE LIN	REGULATORY 0.0100 0.7500 0.75		0.7500	0.62	00		
MW-9	02/18/10	< 0.001	<0.001	< 0.001	<0.0	01	
MW-9	05/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-9	05/28/10	Plugged an	d Abandoned				
MW-10	02/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-10	05/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-10	08/18/10	0.0075	< 0.001	0.0047	0.00	32	
MW-10	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-11	02/18/10	Not Sampled	l on Current S	Sample Schedu	le		
MW-11	05/18/10	Not Sampled	l on Current S	Sample Schedu	le		
MW-11	08/18/10	Not Sampled	l on Current S	Sample Schedu	lle		
MW-11	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-12	02/18/10	Not Sampled	Due to PSH	in Well			
MW-12	05/18/10	Not Sampled	Due to PSH	in Well			
MW-12	08/18/10	Not Sampled	Due to PSH	in Well			
MW-12	02/18/10	Not Sampled	Due to PSH	in Well			
MW-13	02/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-13	05/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-13	08/18/10	< 0.001	<0.001	< 0.001	<0.0	01	
MW-13	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-14	02/18/10	Not Sampled	on Current	Sample Schedu	le		
. MW-14	05/18/10	< 0.001	<0.001	< 0.001	<0.0	01	
MW-14	05/28/10	Plugged an	d Abandoned				
MW-15	02/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-15	05/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-15	08/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-15	11/15/10	< 0.001	< 0.001	<0.001	<0.0	01	
MW-16	02/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-16	05/18/10	< 0.001	< 0.001	< 0.001	<0.0	01	
MW-16	08/18/10	0.0030	< 0.001	0.0016	0.00	12	
MW-16	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01	

#### **CONCENTRATIONS OF BTEX IN GROUNDWATER**

#### PLAINS MARKETING, L.P. BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L. SW 846-8021B. 5030 SAMPLE SAMPLE ETHYLm, p -0-LOCATION DATE BENZENE TOLUENE BENZENE XYLENES | **XYLENE** NMOCD REGULATORY 0.0100 0.7500 0.7500 0.6200 LIMIT **MW-20** 02/18/10 Not Sampled on Current Sample Schedule **MW-20** 05/18/10 Not Sampled on Current Sample Schedule **MW-20** 08/18/10 Not Sampled on Current Sample Schedule < 0.001 < 0.001 < 0.001 11/15/10 < 0.001 **MW-20** Not Sampled on Current Sample Schedule **MW-21** 02/18/10 Not Sampled on Current Sample Schedule **MW-21** 05/18/10 **MW-21** 08/18/10 Not Sampled on Current Sample Schedule < 0.001 **MW-21** 11/15/10 < 0.001 < 0.001 < 0.001 < 0.001 02/18/10 < 0.001 < 0.001 < 0.001 **MW-23** < 0.001 **MW-23** 05/18/10 < 0.001 < 0.001 < 0.001 MW-23 < 0.001 < 0.001 < 0.001 < 0.001 08/18/10 < 0.001 < 0.001 < 0.001 **MW-23** 11/15/10 < 0.001 02/18/10 Not Sampled on Current Sample Schedule **MW-24** < 0.001 MW-24 05/18/10 < 0.001 < 0.001 < 0.001 08/18/10 Not Sampled on Current Sample Schedule MW-24 < 0.001 < 0.001 **MW-24** 11/15/10 < 0.001 < 0.001 Not Sampled on Current Sample Schedule **MW-25** 02/18/10 MW-25 05/18/10 Not Sampled on Current Sample Schedule Not Sampled on Current Sample Schedule **MW-25** 08/18/10 MW-25 11/15/10 < 0.001 < 0.001 < 0.001 < 0.001

< 0.001

< 0.001

Not Sampled on Current Sample Schedule

Not Sampled on Current Sample Schedule

< 0.001

< 0.001

< 0.001

< 0.001

< 0.001

Plugged and Abandoned

< 0.001

< 0.001

< 0.001

<0.001

<0.001

< 0.001

< 0.001

02/18/10

05/18/10

05/28/10

02/18/10

05/18/10

08/18/10

11/15/10

02/18/10

05/18/10

08/18/10

11/15/10

MW-26 MW-26

**MW-26** 

**MW-27** 

MW-27

**MW-27** 

**MW-27** 

MW-28

**MW-28** 

**MW-28** 

**MW-28** 

< 0.001

< 0.001

Not Sampled

< 0.001

<0.001

< 0.001

< 0.001

< 0.001

<0.001 <0.001 <0.001 <0.001 <0.001

< 0.001

< 0.001

#### **CONCENTRATIONS OF BTEX IN GROUNDWATER**

#### PLAINS MARKETING, L.P. BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

Results are reported in mg/L.

			S	W 846-8021B, 503	0	
SAMPLE LOCATION	SAMPLE DATE	BENZENE	TOLUENE	ETHYL- BENZENE	m, p - XYLENES	0- Xylene
NMOCD RE LIN	GULATORY MIT	0.0100	0.7500	0.7500	0.62	00
MW-29	02/18/10	Not Sampled	l on Current S	Sample Schedu	le	
MW-29	05/28/10	Plugged an	d Abandoned			
MW-30	02/18/10	Not Sampled	l on Current S	Sample Schedu	le	
MW-30	05/18/10	Not Sampled	l on Current S	Sample Schedu	le	
MW-30	08/18/10	Not Sampled	l on Current S	Sample Schedu	le	
MW-30	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-31	02/18/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-31	05/18/10	<0.001	< 0.001	<0.001	<0.0	01
MW-31	08/18/10	< 0.001	<0.001	< 0.001	<0.0	01
MW-31	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-32	02/18/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-32	05/18/10	< 0.001	<0.001	< 0.001	<0.0	01
MW-32	08/18/10	< 0.001	< 0.001	0.0012	0.00	28
MW-32	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-33	02/18/10	<0.001	< 0.001	< 0.001	<0.0	01
	05/18/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-33	08/18/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-33	11/15/10	< 0.001	<0.001	< 0.001	<0.0	01
MW-37	02/18/10	< 0.001	<0.001	< 0.001	<0.0	01
MW-37	05/18/10	< 0.001	<0.001	< 0.001	<0.0	01
MW-37	08/18/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-37	11/15/10	< 0.001	< 0.001	< 0.001	<0.0	01
MW-38	02/18/10	0.0142	< 0.001	0.0010	0.00	37
MW-38	05/18/10	0.0106	<0.001	<0.001	0.00	40
MW-38	08/18/10	0.0119	< 0.001	0.0029	0.00	35
MW-38	11/15/10	0.0141	< 0.001	<0.001	<0.0	01
MW-56	05/18/10	<0.001	<0.001	<0.001	<0.0	01
MW-56	08/18/10	< 0.001	<0.001	< 0.001	<0.0	01
MW-56	11/15/10	<0.001	<0.001	<0.001	<0.0	01

\* Complete historical Data Tables are presented on the attached CD.

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POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

# PLAINS MARKETING, L.P. BOB DURHAM

### BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

# All water concentrations are reported in mg/L EPA SW846-8270C. 3510

-			_														_						_									
	Dibenzofuran		0.00764	0.00192	0.000452		0.00167	0.00161			0.000242	<0.000184	A COMPLETE CONTRACTOR	高級な観知	0.0016	-0.000164		0.00288	0.00114	0.000806		<0.000926	<0.000183			0.00176	0.000658		0.00123	<0.000183	1000 Brann - The State of Strain Strain - 1	
	9n9ladidqanlydi9M-2		0.0855	0.0289	0.000268		0.00205	0.0039		物理である	<0.000187	<0.000184	Burgs - Constanting and the second		0.000184	401000.02		0.0504	0.0193	0.00626		0.00103	<0.000183		18. A.W.	<0.000183	<0.000183		<0.000184	<0.000183	e Produce de Parla de La contra d	
	ənəladıdqaniydəM-1	J\gm £0.0	0.0912	0.0325	0.00103		0.00608	0.00838			<0.000187	<0.000184	100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100 - 100	17 - X1800	0.00227	706000.0		0.056	0.0244	0.00962		0.00344	0.00061		SALE SALE	<0.000183	<0.000183		<0.000184	<0.000183	S. Starting of the second second	
	ənəleninden		0.0382	0.0192	0.000404		0.00345	0.00505			<0.000187	<0.000184	20 - 11 (Sec., 10 - 10 - 10 - 10 - 10 - 10 - 10 - 10		0.00101	+01000.0-		0.0295	0.0168	0.00532		<0.000926	<0.000183			<0.000183	<0.000183		0.0002	<0.000183	A 1997 1997 1997 1997 1997 1997 1997 199	
	Pyrene		<0.000922	<0.000183	<0.000184		≤0.000926	<0.000184			<0.000187	<0.000184 <	22 Store cases and a support of		0.000104		三、「「「「「「」」」	0.000494	<0.000183	<0.000184		<0.000926	<0.000183 <			0.000533 <	<0.000183 <		0.000341	<0.000183 <	The second second second second	
	Phenanthrene	_	0.0145 <	0.0022 <	<0.000184 <		0.00148 <	0.00067 <			<0.000187 <	<0.000184 <	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0.000606	+01000-0-		0.00558	0.00142 <	> 867000.0	S. M. S.	<0.000926	<0.000183 <			0.000522	<0.000183 <		0.000228	<0.000183 <	202 . Think the second second	
	ana⊤vq(bɔ-€,£,1]onabn1	J\2m \$000.0	<0.000922	<0.000183	<0.000184 <		<0.000926	<0.000184			<0.000187 <	<0.000184 <	1. 100 No. 1		CO.000184	401000.0~		<0.000184	<0.000183	<0.000184		<0.000926	<0.000183 <			<0.000183	<0.000183 <		<0.000184	<0.000183 <	Martin Martin Control of Contr	
	Fluorene		0.0154	0.00262	0.000465		0.00314	0.0022			0.000342	<0.000184	20 STATES TATES TO A STATE OF A S		. 80700-0-	+01000'0-		0.0072	0.00205	0.00132		<0.000926	<0.000183			0.00372	<0.000183		<0.000184	0.00198	The second s	
0.400	Fluoranthene		<0.000922	<0.000183	<0.000184		<0.000926	<0.000184		「「「「「「「」」」	<0.000187	<0.000184			<0.000184	401000.02		<0.000184	<0.000183	<0.000184	No. States	<0.000926	<0.000183		1. 1. 1. 1. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.	0.000278	<0.000183		<0.000184	<0.000183	A DEFE TH VEC IN TIMES	
	Dibenz(a,ħ)antħracene	J\2m £000.0	<0.000922	<0.000183	<0.000184		<0.000926	<0.000184			<0.000187	<0.000184	ALAN PARK STA		<0.000184	1-01000.0-	「読んでいた」	<0.000184	<0.000183	<0.000184	a new state	<0.000926	<0.000183		2739242 C	<0.000183	<0.000183		<0.000184	<0.000183	1997 Philosophia and and	
	Հրւչշշոշ	<b></b>	<0.000922	<0.000183	<0.000184		<0.000926	<0.000184			<0.000187	<0.000184	The second set would be set of the		0.000466	+01000.0-		0.00114	<0.000183	<0.000184		<0.000926	<0.000183			<0.000183	<0.000183		0.00116	<0.000183	<ul> <li>The second se Second second sec</li></ul>	The second second
	Benzo[k]fluoranthene	J\gm 2000.0	<0.000922	<0.000183	<0.000184	「「「「「「「「「」」」」	<0.000926	<0.000184	Event		<0.000187	<0.000184	EVent.		<0.000184	Event.		<0.000184	<0.000183	<0.000184	· 新聞	<0.000926	<0.000183	Event.	「「「ないで、「ない」」	<0.000183	<0.000183	Event.	<0.000184	<0.000183	Event.	
	Benzo(g,h,i)perylene		<0.000922	<0.000183	<0.000184		<0.000926	<0.000184	Monitoring		<0.000187	<0.000184	INIOIIIOIII	101000	<0.000184	Monitoring	「ない」の	<0.000184	<0.000183	<0.000184	NAL STREET	<0.000926	<0.000183	Monitoring		<0.000183	<0.000183	Monitoring	<0.000184	<0.000183	Monitoring	
	Benzo[b]fluoranthene	J\2m 2000.0	<0.000922	<0.000183	<0.000184		<0.000926	<0.000184	of Quarterly		<0.000187	<0.000184	or Quarterly		<0.000184	of Quarterly		<0.000184	<0.000183	<0.000184		<0.000926	<0.000183	of Quarterly		<0.000183	<0.000183	of Quarterly	<0.000184	<0.000183	of Quarterly	
	Benzo[a]pyrene	J\2m 7000.0	<0.000922	<0.000183	<0.000184		<0.000926	<0.000184	pled as part	MAX R	<0.000187	<0.000184	ipied as part		<0.000184	pled as part		<0.000184	<0.000183	<0.000184	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	<0.000926	<0.000183	ipled as part	同時の	<0.000183	<0.000183	pled as part	<0.000184	<0.000183	pled as part	
	Benzo[a]anthracene	J\gm 1000.0	<0.000922	<0.000183	<0.000184	教育なななどの言	<0.000926	<0.000184	Not San	公子及决策会计	<0.000187	<0.000184	INOL SAIT	「読べの読定	<0.000184	Not San		<0.000184	<0.000183	<0.000184	1 於引流191	<0.000926	<0.000183	Not San	「教学教育	<0.000183	<0.000183	Not San	<0.000184	<0.000183	Not San	I STEELE
	anasaritinA		<0.000922	<0.000183	<0.000184	たる時代の時代の	<0.000926	<0.000184		願意え	<0.000187	<0.000184	2		<0.000184	+01000.0~		<0.000184	<0.000183	<0.000184		<0.000926	<0.000183			<0.000183	<0.000183		<0.000184	<0.000183	2010-12-0000-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
	9n9lyñ}ñqan92A		<0.000922	<0.000183	<0.000184		<0.000926	<0.000184		臺灣岛際公	<0.000187	<0.000184			<0.000184	+01000.0~	職業にお外国	<0.000184	<0.000183	<0.000184		<0.000926	<0.000183			<0.000183	<0.000183		<0.000184	<0.000183	Store Solding on the state of the	Terrar and
	ənədədqanəəA	-	<0.000922	<0.000183	<0.000184	語を読まる	<0.000926	<0.000184		LANA AND A	<0.000187	<0.000184	Contraction and the second		<0.000184	+01000.02		<0.000184	<0.000183	<0.000184	NAME AND	<0.000926	<0.000183		THE FREE	<0.000183	<0.000183		<0.000184	<0.000183		State State
	SAMPLE DATE	ataminant M ing water tions 1- 103.A.	11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/10/10	「物情に指示が	80/81/11	11/16/10		11/18/08	11/12/09	11/16/10	3-35-5-35 S	11/18/08	11/12/09	11/16/10	家和認識	11/18/08	11/12/09	11/16/10	11/18/08	11/12/09	11/16/10	一般認識的影響
	SAMPLE LOCATION	Maximum Co Levels from N WQCC Drink standards Sec 101.UU and 3-	I-WM				MW-2			S. S	MW-3		0.000 (2000) 20000 2000 4000	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	MW-4			MW-5			· 新加速的	MW-6			Back and	NW-7			MW-8		C 882-88870-1292 Bas 10: V - Avenue:	52-58 5-38 E

Page 1 of 4

POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

## PLAINS MARKETING, L.P. BOB DURHAM

### BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

All water concentrations are reported in mg/L FPA SW846-8270C. 3510

				_	_			_				_					_		_		_	_	_	_						_	_	_	_
	Dibenzofuran		<0.000184	<0.000183			<0.000184	<0.000183		111 BANK	<0.000184	<0.000185			0.00416	0.0038		E. FREED	0.00133	0.000	Konomin 3 REPRESENTATION	の語を言いていていた。	<0.000185	<0.000183		調査の設備	<0.000186	<0.000183		調整ない	0.00295	0.0012	ABRANCE STOLLES TO ABR
ľ	<b>Յոց</b> յունյություγնյցM-Σ		<0.000184	<0.000183			<0.000184	<0.000183		WALLS IN	<0.000184	<0.000185			0.0305	0.0414			0.00275	<0.000184	And	「「「ないたい」	<0.000185	<0.000183			<0.000186	<0.000183		1842 - E. Z.	0.00112	<0.000185	
	ənəladılıqanl∨dı9M-I	J\ym £0.0	<0.000184	<0.000183			<0.000184	<0.000183		調査に対応	<0.000184	<0.000185			0.0414	0.0507		AN ACCOUNT OF	0.0045	0.00276	A BURLING AND AND CHEVEN		<0.000185	<0.000183			<0.000186	<0.000183			0.00735	0.00384	S State of the second
	ənəlsritiqsN		<0.000184	<0.000183			<0.000184	<0.000183			<0.000184	<0.000185			0.0196	0.0233			0.00435	<0.000184	C. J. C. Chillense D. Level		<0.000185	<0.000183		東京なたのよう	<0.000186	<0.000183		1. 28 TO 1.	0.00172	0.000754	
	Pyrene	 	<0.000184 -	<0.000183 -			<0.000184	<0.000183			<0.000184	<0.000185			<0.000184	<0.000184			<0.000185	<0.000184	A CONTRACTOR AND AND AND A CONTRACTOR		<0.000185	<0.000183			<0.000186	<0.000183		CONT. IN	0.000463	<0.000185	の の の の の の の の の の の の の の
	Phenanthrene		<0.000184	<0.000183			<0.000184	<0.000183			<0.000184	<0.000185			0.00545	0.0062			0.000397	<0.000184	to a state from the state of the state		<0.000185	<0.000183			<0.000186	<0.000183			0.00132	0.000459	<ul> <li>State of the state of the state</li></ul>
	ənəryq(bɔ-&.L.I]onəbnl	J\gm <del>}</del> 000.0	<0.000184 <	<0.000183 <		調整の現	<0.000184	<0.000183			<0.000184 <	<0.000185 <			<0.000184	<0.000184			<0.000185	<0.000184	A MAC A CONCINENT AND		<0.000185	<0.000183			<0.000186	<0.000183		a name	<0.000183	<0.000185	A CONTRACTOR OF A CONTRACTOR O
	Fluorene		<0.000184	<0.000183			<0.000184	<0.000183			<0.000184	<0.000185			0.00533	0.00498			0.0013	0.0007	<ul> <li>Helinias Cambridgen (Company)</li> </ul>		<0.000185	<0.000183			<0.000186	<0.000183		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	0.0046	<0.000185	Sants, calcimited initials
0120	Fluoranthene		<0.000184	<0.000183			<0.000184	<0.000183			<0.000184	<0.000185			<0.000184	<0.000184			<0.000185	<0.000184	<ol> <li>E. Sompetities (Children's Constraint)</li> </ol>		<0.000185	<0.000183			<0.000186	<0.000183		STATISTICS OF	<0.000183	<0.000185	Tradit, distanti persona ana in
20170-010	9n95arftna[d,a]sn9diU	J\ym £000.0	<0.000184	<0.000183		調整が	<0.000184	<0.000183			<0.000184	<0.000185		<b>骤</b> 、骤波震	<0.000184	<0.000184		このない読ん的に	<0.000185	<0.000184	1111 Section		<0.000185	<0.000183			<0.000186	<0.000183		NINE S	<0.000183	<0.000185	Constant of the owner owner owner owner owner owner owner o
	Chrysene	J\gm \$000.0	<0.000184	<0.000183			<0.000184	<0.000183			<0.000184	<0.000185		いたない	0.000774	<0.000184			<0.000185	<0.000184	Concession of the second of		<0.000185	<0.000183			<0.000186	<0.000183		STATES AND IN COMPANY	0.000711	<0.000185	And the second se
ĺ	Benzo[k]fluoranthene	J\2m <b>20</b> 00.0	<0.000184	<0.000183	Event.		<0.000184	<0.000183	Event.		<0.000184	<0.000185	Event.		<0.000184	<0.000184	Event.		<0.000185	<0.000184	EVCIII.		<0.000185	<0.000183	Event.		<0.000186	<0.000183	Event.	No. Se article	<0.000183	<0.000185	Event.
	Benzo[g,h,i]perylene		<0.000184	<0.000183	Monitoring		<0.000184	<0.000183	Monitoring		<0.000184	<0.000185	Monitoring		<0.000184	<0.000184	Monitoring		<0.000185	<0.000184			<0.000185	<0.000183	Monitoring	常調測文法	<0.000186	<0.000183	Monitoring		<0.000183	<0.000185	Monitoring
	Benzo[b]fluoranthene	Л\дт 2000.0	<0.000184	<0.000183	of Quarterly		<0.000184	<0.000183	of Quarterly	1. 5. 8 al .	<0.000184	<0.000185	of Quarterly		<0.000184	<0.000184	of Quarterly	1.2.1.5.	<0.000185	<0.000184		の言語の言語	<0.000185	<0.000183	of Quarterly		<0.000186	<0.000183	of Quarterly	STREET, STREET,	<0.000183	<0.000185	of Quarterly
	Benzo[a]pyrene	Л\gm 7000.0	<0.000184	<0.000183	pled as part		<0.000184	<0.000183	pled as part	の変換する	<0.000184	<0.000185	ipled as part		<0.000184	<0.000184	pled as part	181 202 S	<0.000185	<0.000184	ipicu as part		<0.000185	<0.000183	pled as part		<0.000186	<0.000183	ipled as part		<0.000183	<0.000185	ipled as part
	Benzo[s]anthracene	Л\gm 1000.0	<0.000184	<0.000183	Not Sarr		<0.000184	<0.000183	Not Sarr	連続にない、	<0.000184	<0.000185	Not Sarr		<0.000184	<0.000184	Not Sarr		<0.000185	<0.000184			<0.000185	<0.000183	Not San	調査があ	<0.000186	<0.000183	Not San	2000	<0.000183	<0.000185	Not San
	эпээвтийлА		<0.000184	<0.000183			<0.000184	<0.000183		のないない	<0.000184	<0.000185			<0.000184	<0.000184	•		<0.000185	<0.000184		神経の見かり	<0.000185	<0.000183		きまい 記い 注	<0.000186	<0.000183		である	<0.000183	<0.000185	AND PROPERTY AND ADDRESS. To see 1
	9a9lyd)flqga92Å	-	<0.000184	<0.000183			<0.000184	<0.000183		の言語	<0.000184	<0.000185			<0.000184	<0.000184			<0.000185	<0.000184	and of the second second second second		<0.000185	<0.000183			<0.000186	<0.000183			<0.000183	<0.000185	日本のでは他国際などの実施
	эпэйійдвпэวA		<0.000184	<0.000183			<0.000184	<0.000183		記録室記場	<0.000184	<0.000185			<0.000184	<0.000184			<0.000185	<0.000184		A CONTRACTOR OF	<0.000185	<0.000183		「新華 浩靖」	<0.000186	<0.000183		言葉など	<0.000183	<0.000185	日本語となる日本のことなっています。
	SAMPLE DATE	ntaminant M ing water tions 1- 103.A.	11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10	FR CONTRACT	11/18/08	11/12/09	11/10/10		11/18/08	11/12/09	11/16/10	C TOTAL S	11/18/08	11/12/09	11/16/10	會議議論 整	11/18/08	11/12/09	11/16/10
	SAMPLE LOCATION	Maximum Co Levels from N WQCC Drink standards Seci 101.UU and 3-	6-WM			5. Yangi wa	MW-10			REV SALED	MW-11			のないので、	MW-12			166. 2225 57 5 1	MW-13		<ul> <li>Ordering and Low and an address of the state of the second se second second sec</li></ul>		MW-14				MW-15			7.42.92.63 Max	MW-16		A. C. MORE AND

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POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

# PLAINS MARKETING, L.P.

# NMOCD REFERENCE NUMBER AP-0016 BOB DURHAM MONUMENT, NEW MEXICO

All water concentrations are reported in mg/L

	Dibenzofuran		000259	0.000183			0.000184	0.000184	and the state of t		0.00106	0.000184			0.000184	0.000183		승수는 것은 것은	0.000189	0.000184			0.000185	COTONO.0			0.000185	1000104		0.000184	0.000183		
	2-Methylanghthalene		000185	.000183 <			000184 <	000184 <			.000184	000184 <			000184 <	.000183 <		말 가 가 가 가 가 가 가 가 가 가 가 가 가 가 가 가 가 가 가	000189 <	000184 <	3 111 - 31112 A A444 3047 W		> 201000	< COTOON'	State of the second		000185	7 +0 I 000'		000184	000183		
	ansladthqanlydsalene	.1\ஜm £0.0	.000185 <0	.000183 <0			.000184 <0	.000184 <0			.000184 <0	000184 <0			.000184 <0	.000183 <0			.000189 <0	000184 <(	WAR IN TRANSPORT OF ANY ADDRESS		>> 100185 <	1 COTUNN.	A STATE AND A STAT		000185 <(	1/ +01000		000184	000183 <0		いる かいの かいのう かいのう かいのう ういかい かいかい ういちょう ういろう ういちょう ういろう ういちょう ういろう ういちょう ういろう ひょうちょう ひょうちょうちょう ひょうちょうちょう ひょうちょうちょうちょうちょうちょうちょうちょうちょうちょうちょうちょうちょうちょ
	Aaphthalene		000185 <0	000183 <0			000184 <0	000184 <0			000184 <0	000184 <0	-		.000184 <0	.000183 <0			000189 <0	000184 <0	1000 (D) - 50-00-00 - 100-000000000	00100	02 201000	0/ 001000	States - States - States		000185 <0	7 +01000		000184 <0	000183 <0		のないない
	Pyrene		000185 <0	000183 <0			000184 <0	000184 <0	1 1000 TO 10 10 10 10 10 10 10 10 10 10 10 10 10		000184 <0	000184 <0	_		000184 <0	000183 <0			0> 681000	000184 <0	C This Manual Control of the		02 201000	0~ 001000	1-10-100 -100-10-4- 000-10-10-10-10-10-10-10-10-10-10-10-10-	The source and	000185 <0	0/ +01000	10 10 10 10 10 10 10 10 10 10 10 10 10 1	000184 <0	000183 <0		のないたの
	Phenanthrene		000185 <0	000183 <0		73. M M A	000184 <0	000184 <0	And A Property Constraints of the Annual Property of the Annual Prop		000184 <0	000184 <0	_	PERGER III	000184 <0	000183 <0			0> 681000	000184 <0	Contraction of the second s		U> 281000		Constitution of the second sec		000185 <0	00104 20	The second	000184 <0	000183 <0		
	ənəryq(bə- <del>E,C</del> ,I]onəbnI	J\2m \$000.0	000185 <0.	000183 <0.			000184 <0.	000184 <0.	ALL STREAM AND ALL STREAM AND AND ALL STREAM AND AND ALL STREAM AND		000184 <0.	000184 <0.			000184 <0.	000183 <0.			000189 <0.	000184 <0.	C. S. Swa of one series T. Sockeeps		000105 <0.	-n- colnnn			000185 <0	000104 20.		000184 <0	000183 <0.		の意思が
	Fluorene		00185 <0.	00183 <0.0			00184 <0.	00184 <0.	and shows its providence of the		00503 <0.	00184 <0.			000184 <0.	00183 <0.			0> 68100	00184 <0.	2008 A.C. 2007 2000		02 20100	0/ 00100	A TO A CONTRACT OF A DAMAGE		00185 <0.	101 04 20	教徒に起象と、	00184 <0	00183 <0.		×. ***
10	Fluoranthene		000185 <0.0	000183 <0.0			000184 <0.0	000184 <0.0			000184 0.0	000184 <0.0			000184 <0.0	000183 <0.0			000189 <0.0	000184 <0.0	27.27.27		00105 <0.	0/ 001000	7. 200" - 1 US WALANDOOD		000185 <0.0		57. 1885.78.9	000184 <0.	000183 <0.		
-8270C, 35	9n9osrd3ns[d,8]sn9diQ	J\2m £000.0	00185 <0.	00183 <0		1997 - Series - Serie	00184 <0.	00184 <0.			00184 <0.	00184 <0.			00184 <0.	00183 <0.			00189 <0.	00184 <0.	Second Street Second Second		00105 <0	-n~ [co1nn	Contraction of the second		00185 <0.	101 104 VO	5735 [X]. A #15	00184 <0.	00183 <0.		
PA SW846	Chrysene	J/8m 2000.0	00185 <0.0	00183 <0.0		973) (Jako	00184 <0.0	00184 <0.0	7 - 100 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		00184 <0.0	00184 <0.0		(파파) (파파)	00184 < 0.0	00183 <0.0		SERVE SE	00189 <0.(	00184 <0.0	- No-wander - Anno - An Englishe		001 05 <0.1	NA LOUINA	Contraction of the second second		00185 <0.0	NO2 40100		00184 < 0.0	00183 <0.0		
H	Benzo[k]]lluoranthene	പ'ളന 2000.0	00185 <0.0	00183 <0.0	ıt.		00184 <0.0	00184 <0.0	ıt.	の時間の変換	00184 <0.0	00184 <0.0	it.	. 파티. 중프.	00184 < 0.0	00183 <0.0	H.		00189 <0.0	00184 <0.0	LL. Latter of spirit southers		00165 <0.0	100 100 M	H.		00185 <0.0	00104 V0.	nt.	00184 < 0.0	00183 <0.0	rt.	
	neuzol&utlberytene		00185 <0.0	00183 <0.0	itoring Ever	2012 (일문)	00184 < 0.0	00184 < 0.0	itoring Ever		00184 <0.0	00184 <0.0	itoring Ever		00184 <0.0	00183 <0.0	itoring Ever		00189 < 0.0	00184 <0.0			00105 <0.0			ALCONE STREET	00185 <0.0	0.01 04 20.0	utoring Ever	00184 < 0.0	00183 <0.0	itoring Ever	
		T/8W 2000.0	0185 <0.0	0183 <0.0	iarterly Mon		00184 < 0.0	00184 < 0.0	larterly Mon		00184 <0.0	00184 <0.0	larterly Mon		00184 < 0.0	00183 <0.0	uarterly Mon		00189 <0.0	00184 < 0.0			0.02 20100	0.0/ 10100			00185 < 0.0	00104 20.0	iarteriy iMon	00184 < 0.0	00183 <0.0	arterly Mor	
	neurolaibhtene	T/8III / 000/0	0185 <0.00	0183 <0.00	is part of Qu		0184 <0.00	0184 < 0.00	is part of Qu		0184 <0.00	0184 <0.00	is part of Qu		0184 <0.0	0183 <0.00	is part of Qu		0189 <0.00	0184 < 0.0			10183 <0.00	0.0/ 100100			0185 < 0.00	0.0/ 10100	ts part of U	0184 <0.0	0183 <0.0	ts part of Qu	
	anoon municipation	7.4m 1000.0	0185 <0.00	0183 <0.00	ot Sampled a		0184 < 0.0(	0184 <0.00	ot Sampled a		0184 <0.00	0184 <0.00	ot Sampled a		0184 < 0.0(	0183 <0.00	ot Sampled a	BARRY TRANS	0189 <0.0(	00184 < 0.00	u oanipica e		0185 <0.00		or sampled o	CERSE CREW	0185 <0.00	10.0< +010	of Sampled	0184 < 0.00	0183 <0.00	ot Sampled	
			0185 <0.0(	0183 <0.00	Ň		0184 <0.0	0184 <0.00	Ż		0184 <0.00	0184 <0.0(	Ž		0184 <0.0	0183 <0.00	Ž		0189 <0.00	0184 <0.00	NT CONTRACTOR		0185 <0.0	10.02 C010	N. Same Providence	四国語で 実際の中の	00185 <0.00	101 04 >0.0	Z M M	0184 < 0.0	0183 <0.00	Ż	
			0185 <0.00	0183 <0.00			0.184 < 0.00	0184 <0.0			0184 < 0.00	0.184 < 0.06		REAL PRIM	0184 <0.0	0183 <0.0			0.0> 68100	0184 <0.0	Manager of the Party of the		0185 <0.0	10.0< C0100	1949 . R. N. N. 1980		00185 <0.0	10.U> 40.U	Star Sugar	00184 <0.0	0183 <0.0		
			0.00	0183 <0.00			0.06	0184 <0.00			0184 <0.00	0184 <0.00			0184 < 0.00	0183 <0.00			0189 <0.00	0184 <0.0	and the second second second		0185 <0.0	0.02 0010	Strategy Const.   . Norman and		0185 <0.0	0104 20.0	18.18. Barrie	0184 <0.0	0183 <0.0		1. C. 1 16-29
	는 면 전 Acenaphthene		08 <0.00	00.0> 60'	/10		00.0> 80	00.0> 60)	/10		√08 <0.00	00.0> 60	/10	and house	00.0> 80	00.0> 60/	/10		/08 <0.00	00.0> 60/	110	民族語語語ない	00'02 <00/	00.02 00/	/10		00.0> 80/	nn:n> 60/	710	<u>108 &lt;0 00</u>	00.0> 60/	/10	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1
	E SAMP	. Contamia: m NM rinking wat Sections 1- d 3-103.A.	11/18/	11/12/	11/16/	建设支配管	11/18/	11/12/	11/16/		11/18/	11/12/	11/16/		11/18/	11/12/	11/16/	WICE HE SAL	11/18/	11/12/	11/10/		11/18/	11/17/	11/10/	1978) (1978) (1978)	11/18/		11/16/	11/18/	11/12/	11/16/	10 2 2 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	SAMPL	Maximum Levels fro WQCC Di standards 101.UU an	MW-20				MW-21				MW-23				MW-24				MW-25		and the second sec		MW-20		And a state of the		MW-27		12) ANAL 1823	MW-28			がため間期

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POLYNUCLEAR AROMATIC HYDROCARBON CONCENTRATIONS IN GROUNDWATER

### PLAINS MARKETING, L.P. BOB DURHAM MONUMENT, NEW MEXICO NMOCD REFERENCE NUMBER AP-0016

All water concentrations are reported in mg/L EPA SW846-8270C, 3510

Dibenzofuran		0.000104	<0.000184	CO1000.02	The second s	「ないない」	<0.000184	<0.000184			<0.000184	<0.000183		1997 1998 1-12 -	0.00266	<0.000183		PYNR: Mar	<0.000185	<0.000183			<0.000185	<0.000184			0.00472	0.00247			
ənəlsritiqısalyritəM-2		0.000104	<0.000183	C01000'05	2. 11. 11. 11. 11. 11. 11. 11. 11. 11. 1		<0.000184	<0.000184			<0.000184	<0.000183		の語でいい	0.0014	<0.000183		「「「「「「「「「」」」」」	<0.000185	<0.000183			<0.000185	<0.000184			0.00114	<0.000183		STATES OF	
ənəladınqanlyinəM-1	J\ym £0.0	0.000184	-0.000183	C01000'0	27 (*) jet.2, "= 1967 Subjects		<0.000184	<0.000184		の方法の語と	<0.000184	<0.000183		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.0103	<0.000183		Construction of the	<0.000185	<0.000183			<0.000185	<0.000184			0.0117	0.00835			
ənəfadıtıqaN		0.000104	0.000183	C01000.05			:0.000184 -	0.000184			<0.000184 -	c0.000183		A REAL PROPERTY OF	0.000185	0.000183			<0.000185	0.000183			0.000185	<0.000184			0.00344	0.00173			
Pyrene		0.000104	0.000183 <	COT 000'0-	22 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200		:0.000184 <	<0.000184 <			:0.000184	0.000183 <		# 192 92 Xuba	0.000185	0.000183 <			<0.000185 <	0.000183 <			0.000185 <	0.000184 <	   		0.000922	0.000183			
Դիշոցունիւշոշ		0.000184	0.000183 <	C01000.0-	TO COURT LINE CONSTRUCTION		<0.000184 <	<0.000184			<0.000184 <	<0.000183 <		Contraction of the second	0.0017	<0.000183 <		「「「「「「「」」」	<0.000185 <	<0.000183 <		10 10 10 10 10 10 10 10 10 10 10 10 10 1	<0.000185 <	<0.000184 <			0.00502 <	0.00216 <			
Jndene{1,2,3-cd)pyrene	.000.0 ф000.0	0.000184	<0.000183 <	C0 1000.0-	REPORT OF STREET, STRE		<0.000184 <	<0.000184 <			<0.000184 <	<0.000183 <			<0.000185	<0.000183 <		至 435% 管理委员	<0.000185 <	<0.000183 <			<0.000185 <	<0.000184 <			<0.000922	<0.000183			
Fluorene		0.000184	<0.000183	COT000-05	Her State and All State of Sta		<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183			<0.000185	<0.000183			<0.000185	<0.000184			0.00551	<0.000183			
Fluoranthene		-0.000164	<0.000183	C01000.05	24 C.P. 20 C.P. 20 C. 20		<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183		~ 第六第二部部副第	<0.000185	<0.000183		「「「「「」」」	<0.000185	<0.000184			<0.000922	<0.000183			
Dibenz[4,8]Anscene	Л\28т €000.0	-0.000164	<0.000183	1001000.00			<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183		「「「「「「」」」	<0.000185	<0.000183			<0.000185	<0.000184			<0.000922	<0.000183			
Сугузепе	J\gm \$000.0	191000	<0.000183	1001000.05	Antesting and a second second		<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183		12001 18 12 12	<0.000185	<0.000183			<0.000185	<0.000184			0.00247	<0.000183			
Benzo[k]fuoranthene	J\gm \$000.0	0.000184	<0.000183	101000.00	Event.		<0.000184	<0.000184	Event.	記念を行うます	<0.000184	<0.000183	Event.		<0.000185	<0.000183	Event.	12 - 12 - 12 - 12 - 13 - 13 - 13 - 13 -	<0.000185	<0.000183	Event.	A REAL COMP.	<0.000185	<0.000184	Event.		<0.000922	<0.000183	Event.		Event.
Benzo[g,h,i]perylene		0.000184	<0.000183	1001000.0	Monitoring		<0.000184	<0.000184	Monitoring	のたちに	<0.000184	<0.000183	Monitoring	182.24 M	<0.000185	<0.000183	Monitoring	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	<0.000185	<0.000183	Monitoring	「加厚調な」開	<0.000185	<0.000184	Monitoring		<0.000922	<0.000183	Monitoring		Monitoring
Benzo[b](d]ozn <del>s</del> a	J\gm 2000.0	V01000 0-	<0.000183	1001000-0-	of Quarterly		<0.000184	<0.000184	of Quarterly		<0.000184	<0.000183	of Ouarterly	14.415.2.3	<0.000185	<0.000183	of Ouarterly	125-222	<0.000185	<0.000183	of Quarterly		<0.000185	<0.000184	of Quarterly		<0.000922	<0.000183	of Quarterly		of Quarterly
Benzolajpyrene	Л\gm 7000,0	-0.000184	<0.000183	C01000.02	pled as part		<0.000184	<0.000184	pled as part		<0.000184	<0.000183	pled as part	のなからない	<0.000185	<0.000183	pled as part	Patrickers.	<0.000185	<0.000183	pled as part		<0.000185	<0.000184	pled as part	2010 C 2010	<0.000922	<0.000183	pled as part	のようななない	pled as part
Benzo[a]anthracene	J\2m 1000.0	0.000104	<0.000183	C01000.05	Not Sam		<0.000184	<0.000184	Not Sam		<0.000184	<0.000183	Not Sam	STATES AND A	<0.000185	<0.000183	Not Sam	の日本の確認	<0.000185	<0.000183	Not Sam		<0.000185	<0.000184	Not Sam		<0.000922	<0.000183	Not Sam		Not Sam
элээвтијаА	-	-0.000184	<0.000183	C01000.05			<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183			<0.000185	<0.000183			<0.000185	<0.000184			<0.000922	<0.000183			
эпэіүллдвлээА	-	-0 000184	<0.000183	COT 000.02		No. of the second second	<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183		家にない。	<0.000185	<0.000183		and the second	<0.000185	<0.000184			<0.000922	<0.000183			
ənəftidqanəsA	-	-0.000184	<0.000183	C01000.0-	A STREET A MERIDIAN ASS		<0.000184	<0.000184			<0.000184	<0.000183			<0.000185	<0.000183		調査をなる	<0.000185	<0.000183		Solution and the second se	<0.000185	<0.000184			<0 000922	<0.000183			
DATE	ntaminant M ing water tions 1- .103.A.	0//01/11	11/10/00	20/71/1	11/16/10		11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10	A SAMERS	11/18/08	11/12/09	11/16/10	811-2110 811-2120	11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10		11/18/08	11/12/09	11/16/10		11/16/10
SAMPLE LOCATION	Maximum Co Levels from N WQCC Drink standards Sec 101.UU and 3.	OC MM	27- AA TAT		A THE REPORT OF A CARD AND AND A CARD AND AND A CARD AND AND AND AND AND AND AND AND AND AN		MW-30				MW-31			「「「「「「「「」」」」	MW-32				MW-33				MW-37				MW-38				MW-56

### Appendices

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

#### Form C-141 Not Available for this Site