1R- 2136

REPORTS

DATE:

8-5-10

PLAINS
PIPELINE, L.P.

August 5, 2010

Mr. Edward Hansen
New Mexico Oil Conservation Division
Environmental Bureau
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

RECEIVED OCD
2010 AUG -6 A 11:45

RE: Plains Pipeline, L.P. DCP Plant to Lea Station 6-inch #2 Site
NMOCD Reference # 1R-2136
Unit Letter F of Section 31, Township 20 South, Range 37 East
Lea County, New Mexico

Dear Mr. Hansen:

Plains Pipeline, L.P. is pleased to submit the attached *Groundwater Status Report*, dated July 27, 2010, for the DCP Plant to Lea Station 6-inch #2 site. This site is located in Section 31 of Township 20 South, and Range 37 East of Lea County, New Mexico. This document details the groundwater remediation activities conducted at the site during the 1st and 2nd Quarters of 2010.

Should you have any questions or comments, please contact me at (575) 441-1099.

Sincerely,

Jason Henry
Remediation Coordinator
Plains All American

CC: Larry Johnson, NMOCD, Hobbs Office
Brian Henington, NMSLO, Santa Fe

Enclosure

Basin Environmental Consulting, LLC
2800 Plains Highway P. O. Box 381 Lovington, New Mexico 88260
Phone: 575-396-2378 Fax: 575-396-1429

Effective Solutions

July 27, 2010

Mr. Edward Hansen
New Mexico Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Plains Pipeline, L.P. – DCP Plant to Lea Station 6-Inch #2
Groundwater Status Report
NMOCD Reference # 1RP-2136
Plains SRS # 2009-039
ULT "F" (SE/NW), Section 31, Township 20 South, Range 37 East
Latitude 32.5316667° N, Longitude 103.2911111° W
Lea County, New Mexico
Landowner: State of New Mexico

Dear Mr. Hansen,

Basin Environmental Consulting, LLC (Basin), on behalf of Plains Pipeline, LP (Plains), is pleased to submit the following *Groundwater Status Report* for the release site known as DCP Plant to Lea Station 6-Inch #2 .

Currently, four (4) monitor wells are located on the DCP Plant to Lea Station 6-Inch #2 release site. Monitor wells MW-2, MW-3 and MW-4 are gauged and sampled on a quarterly schedule. A measurable thickness of PSH was detected in monitor well MW-1 during the initial site investigation. The average PSH thickness reported in monitor well MW-1 during the first and second quarters of 2010 was 4.73 feet. The maximum PSH thickness was 4.99 feet on March 24, 2010. PSH is recovered bi-weekly at monitor well MW-1. From January 26, 2010 to June 29, 2010, approximately 469 gallons (11.1 barrels) of PSH was recovered by manual and automated recovery. Cumulative PSH recovery data indicates approximately 1,024 gallons (24.3 barrels) of PSH has been recovered from monitor well MW-1 since project inception. Currently, all recovered fluids are being disposed of at a NMOCD approved disposal facility. A site location and site map are provided as Figure 1 and Figure 2, respectively.

Groundwater samples collected from the monitor wells during the quarterly monitoring events were delivered to Xenco Laboratories, Odessa, Texas, for determination of benzene, toluene, ethylbenzene and xylenes (BTEX) constituent concentrations by EPA Method SW 846-8021b. A summary of Concentrations of Benzene and BTEX in Groundwater is provided as Table 1. Laboratory analytical reports are attached.

Groundwater elevation data collected during the May 27, 2010, sampling event indicated a general gradient of approximately 0.0019 feet/foot to the southeast as measured between monitor wells MW-2 and MW-4. On May 27, 2010, the corrected groundwater elevation ranged between 3459.49 to 3459.95 feet above mean sea level, in monitor wells MW-4 and MW-2, respectively. Groundwater Gradient Maps for the March 11, 2010 and May 27, 2010, quarterly groundwater sampling events are provided as Figure 3 and Figure 4, respectively. 2010 Groundwater Elevation Data is provided as Table 2.

First Quarter 2010 Sampling Event

Monitor well MW-1 was not sampled during the first quarterly sampling event due to the presence of PSH in the monitor well. Currently, PSH is recovered on a bi-weekly schedule from monitor well MW-1.

Monitor well MW-2 was sampled on March 11, 2010. The analytical results indicated benzene, toluene, ethylbenzene and total xylene concentrations were less than the laboratory method detection limits (MDL) and the NMOCD regulatory standards in monitor well MW-2.

Monitor well MW-3 was sampled on March 11, 2010. The analytical results indicated toluene, ethylbenzene and total xylene concentrations were less than the appropriate laboratory MDL, while the concentration of benzene was 0.0028 mg/L. Review of the analytical results indicated benzene and BTEX concentrations were less than the NMOCD regulatory standards in monitor well MW-3.

Monitor well MW-4 was sampled on March 11, 2010. The analytical results indicated ethylbenzene and total xylene concentrations were less than the appropriate laboratory MDL, while benzene and toluene concentrations were 0.0047 mg/L and 0.0023 mg/L, respectively. Review of the analytical results indicated benzene and BTEX concentrations were less than the NMOCD regulatory standards in monitor well MW-4.

Second Quarter 2010 Sampling Event

Monitor well MW-1 was not sampled during the second quarterly sampling event due to the presence of PSH in the monitor well.

Monitor well MW-2 was sampled on May 27, 2010. Analytical results indicated toluene, ethylbenzene and total xylene concentrations were less than the appropriate laboratory MDL, while the concentration of benzene was 0.0014 mg/L. Review of the analytical results indicated benzene and BTEX concentrations were less than the NMOCD regulatory standards in monitor well MW-2.

Monitor well MW-3 was sampled on May 27, 2010. Analytical results indicated ethyl benzene and total xylene concentrations were less than the appropriate laboratory MDL, while benzene and toluene concentrations were 0.0152 mg/L and 0.0048 mg/L, respectively. Review of analytical results indicated BTEX concentrations were less than

NMOCD regulatory standards, while benzene concentrations exceeded NMOCD regulatory standards in monitor well MW-3.

Monitor well MW-4 was sampled on May 27, 2010. The analytical results indicated ethyl benzene and total xylene concentrations were less than the appropriate laboratory MDL, while benzene and toluene concentrations were 0.0073 mg/L and 0.0031 mg/L, respectively. Review of the analytical results indicated benzene and BTEX concentrations were less than the NMOCD regulatory standards in monitor well MW-4.

The analytical results of the first and second quarterly sampling events indicated benzene and BTEX concentrations were less than the NMOCD regulatory standards for all the groundwater monitor wells with the exception of monitor well MW-3, which exhibited a benzene concentration of 0.0152 mg/L during the second quarterly sampling event. Bi-weekly PSH recovery will continue at the remediation site. Based on the analytical results of the third quarter sampling event, Plains will evaluate the site conditions to determine if additional monitor wells may be necessary at the site.

If you have any questions or require further information, please contact me at (575) 605-7210 or Mr. Jason Henry (Plains) at (575) 441-1099.

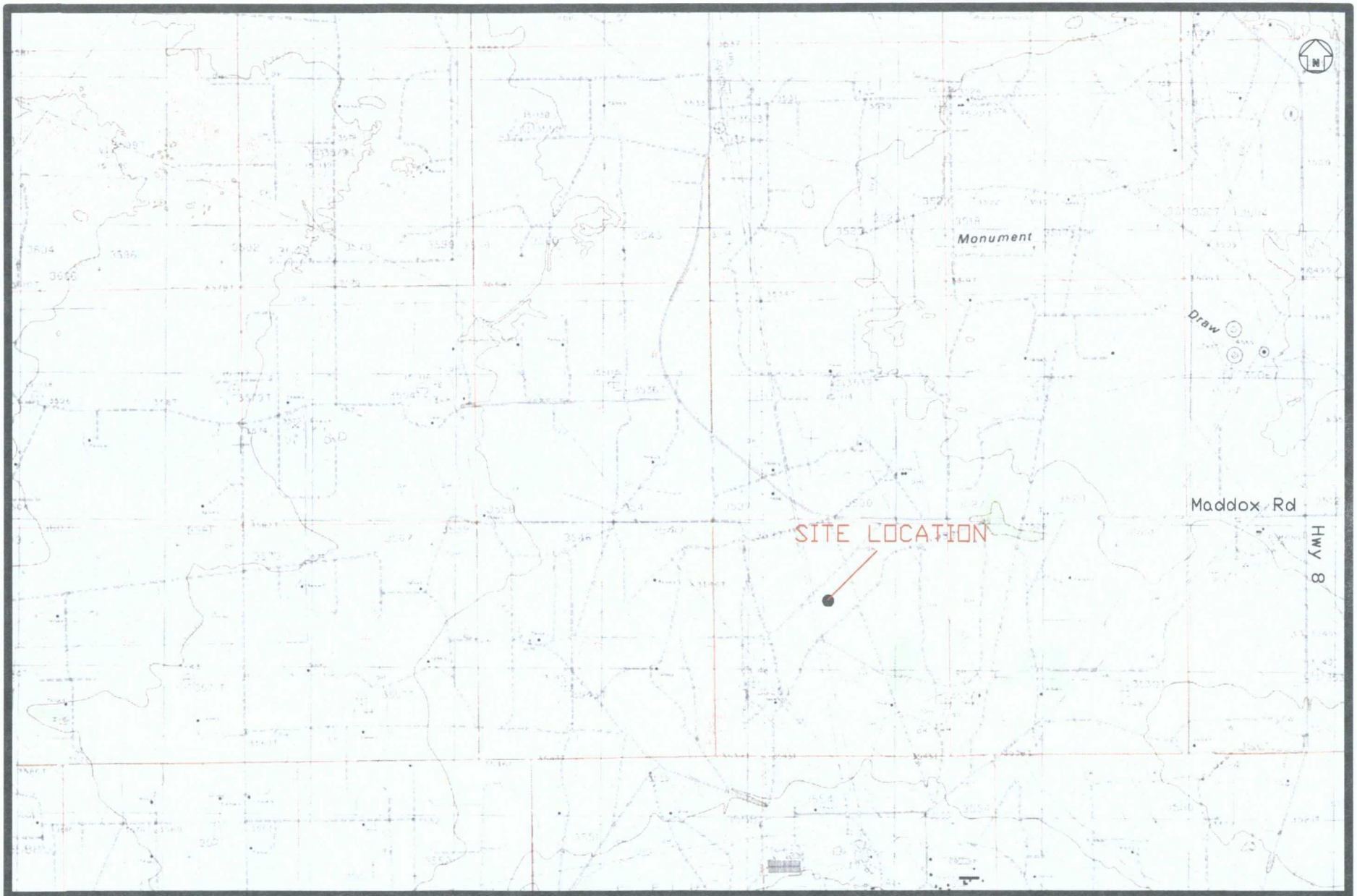
Respectfully,

Camille Bryant
Project Manager
Basin Environmental Consulting, LLC

Enclosures

Figure 1 – Site Location Map
Figure 2 – Site Map
Figure 3 – Groundwater Gradient Map (March 11, 2010)
Figure 4 – Groundwater Gradient Map (May 27, 2010)
Table 1 – 2010 Concentrations of Benzene and BTEX in Groundwater
Table 2 – 2010 Groundwater Elevation Data
Laboratory Analytical Reports

cc: Jason Henry – Plains, Denver City, Texas
Jeff Dann – Plains, Houston, Texas
Larry Johnson – NMOCD, Hobbs District Office
Brian Henington – NMSLO, Santa Fe
file



3000 1500 0 1500 3000

Distance in Feet

Figure 1
Site Location Map
Plains Pipeline, L.P.
DCP Plant to Lea Station 6-Inch #2
Lea County, New Mexico
SRS 2009-039
1RP-2136

Basin Environmental Services

Prep By: CDS	Checked By: CDS
March 16, 2009	Scale 1"=3000'

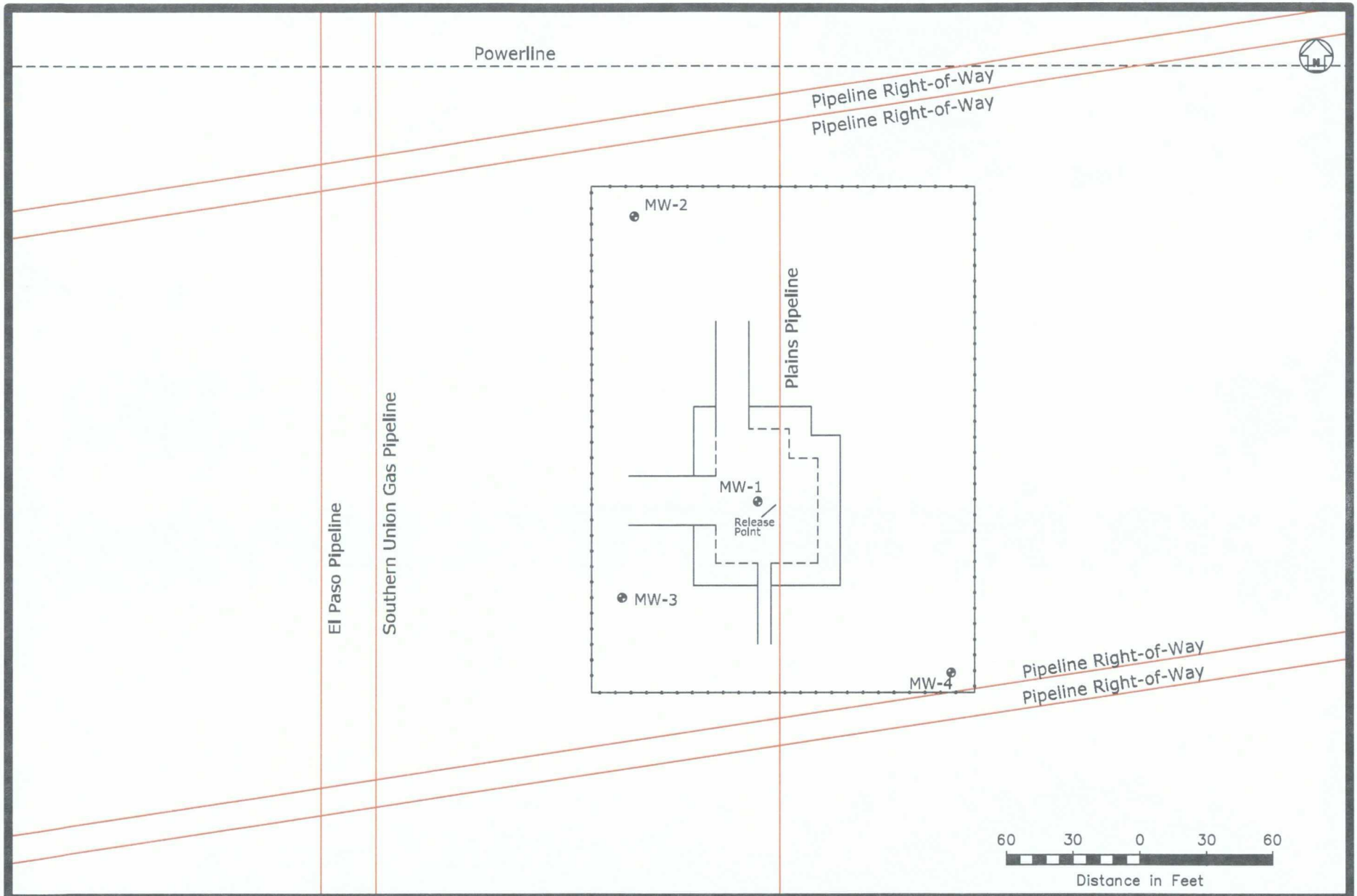


Figure 2
Site Map

Plains Pipeline, L.P.
DCP Plant to Lea Station 6-Inch #2
Lea County, NM
1RP-2136

Basin Environmental Consulting

Prep By: JWL	Checked By: CJB
July 27, 2010	Scale 1"=60'

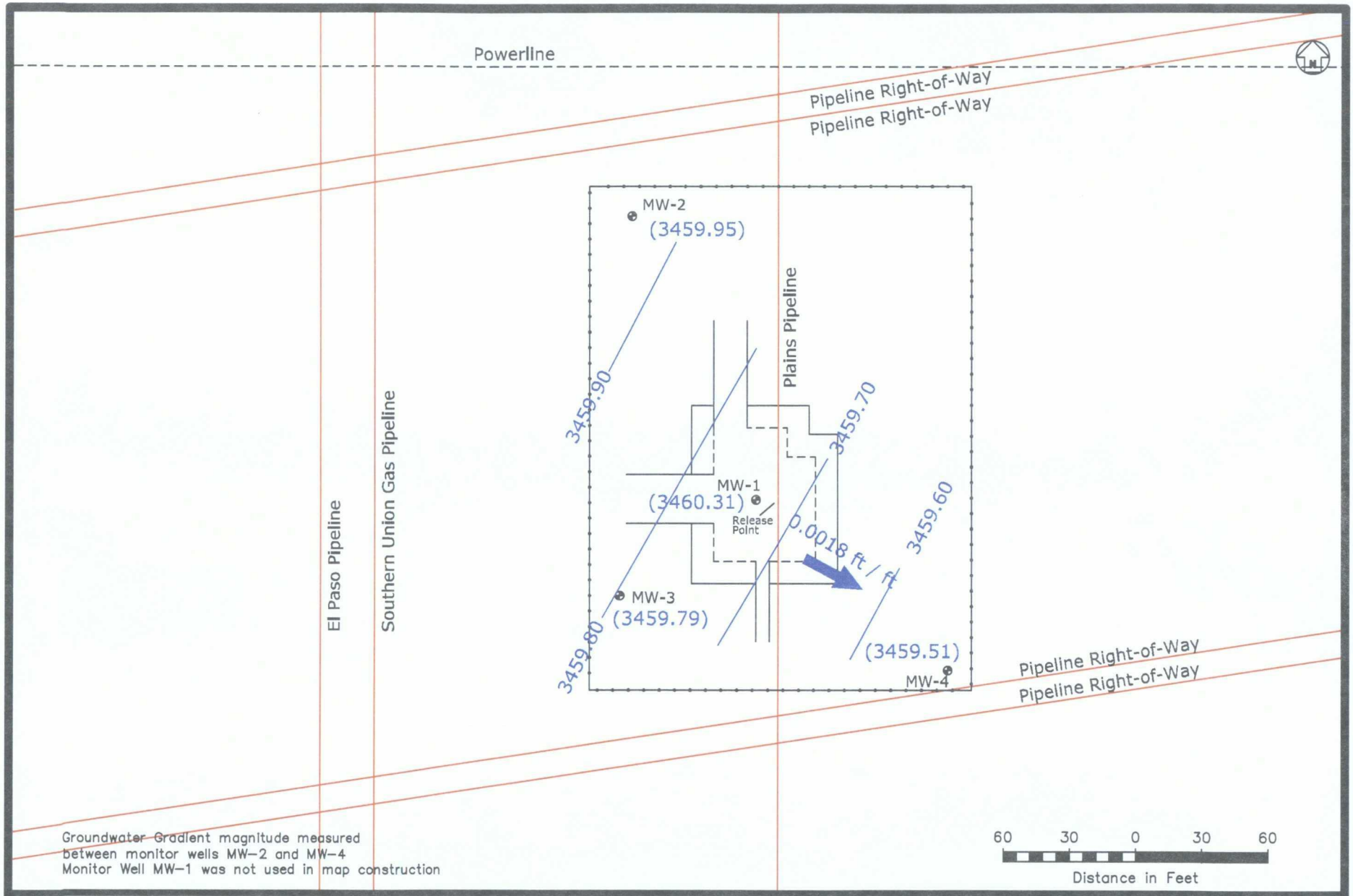


Figure 3
Inferred Groundwater Gradient Map
(3/11/2010)
Plains Pipeline, L.P.
DCP Plant to Lea Station 6-Inch #2
Lea County, NM
1RP-2136

Basin Environmental Consulting

Prep By: JWL	Checked By: CJB
July 27, 2010	Scale 1"=60'

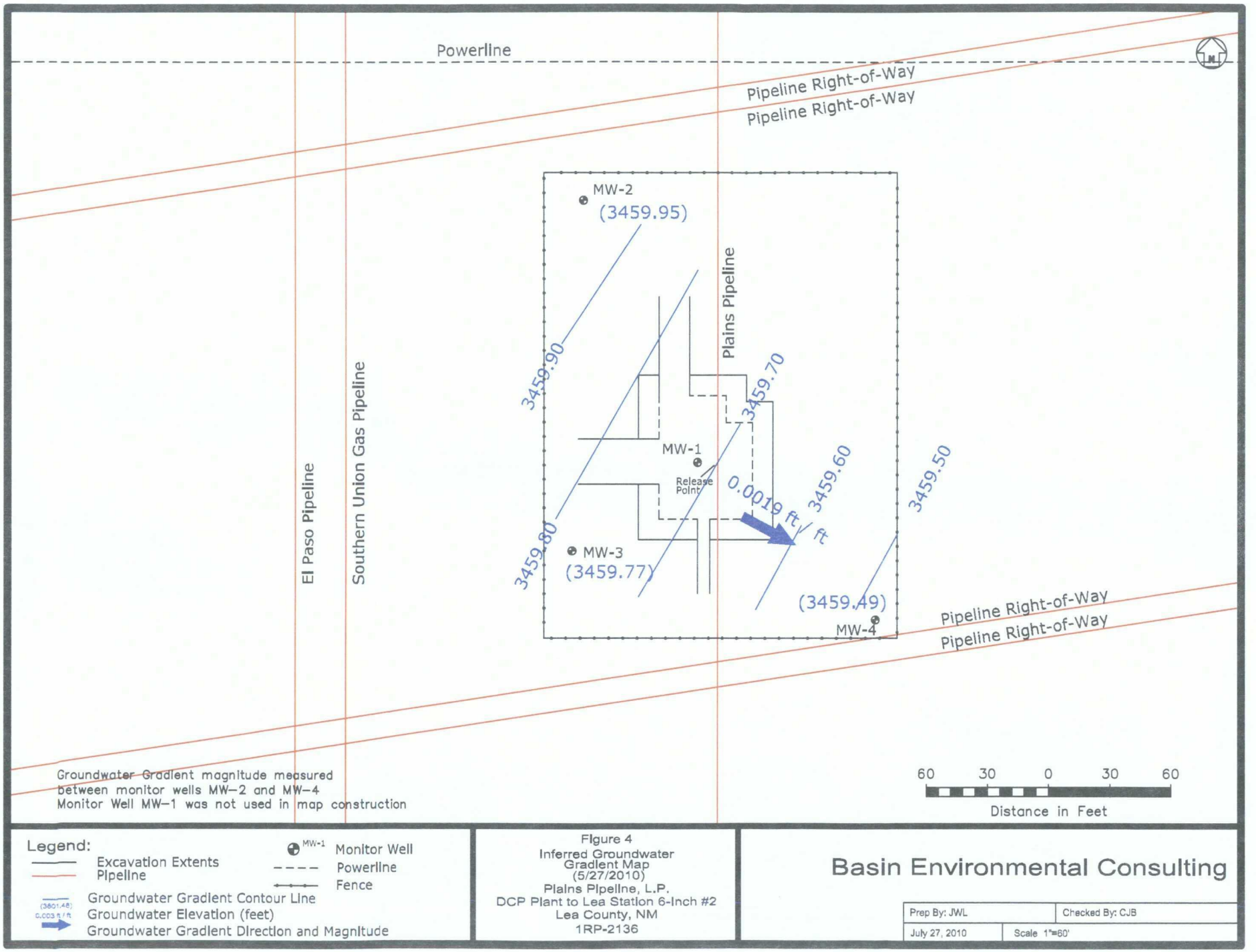


Figure 4
Inferred Groundwater Gradient Map
(5/27/2010)
Plains Pipeline, L.P.
DCP Plant to Lea Station 6-Inch #2
Lea County, NM
1RP-2136

Basin Environmental Consulting

Prep By: JWL	Checked By: CJB
July 27, 2010	Scale 1"=60'

TABLE 1

CONCENTRATIONS OF BENZENE AND BTEX IN GROUNDWATER

PLAINS PIPELINE, L.P.
DCP PLANT TO LEA STATION 6-INCH #2
LEA COUNTY, NEW MEXICO
PLAINS SRS NO. 2009-039
NMOCD REFERENCE NO: 1R-2136

SAMPLE LOCATION	SAMPLE DATE	METHODS: EPA SW 846-8021b					
		BENZENE (mg/L)	TOLUENE (mg/L)	ETHYL-BENZENE (mg/L)	M,P-XYLENES (mg/L)	O-XYLENES (mg/L)	TOTAL BTEX (mg/L)
MW-2	03/11/10	<0.0010	<0.0020	<0.0010	<0.0020	<0.0010	<0.0020
MW-2	05/27/10	0.0014	<0.0020	<0.0010	<0.0020	<0.0010	0.0014
MW-3	03/11/10	0.0028	<0.0020	<0.0010	<0.0020	<0.0010	0.0028
MW-3	05/27/10	**0.0152**	0.0048	<0.0010	<0.0020	<0.0010	0.02
MW-4	03/11/10	0.0047	0.0023	<0.0010	<0.0020	<0.0010	0.007
MW-4	05/27/10	0.0073	0.0031	<0.0010	<0.0020	<0.0010	0.0104
NMOCD CRITERIA		0.01	0.75	0.75	TOTAL XYLENES 0.62		

TABLE 2

2010 GROUNDWATER ELEVATION DATA

PLAINS PIPELINE, L.P.
DCP PLANT TO LEA STATION 6-INCH #2
LEA COUNTY, NEW MEXICO
PLAINS SRS NO: 2009-039
NMOCD REF NO: 1RP-2136

WELL NUMBER	DATE MEASURED	CASING WELL ELEVATION	DEPTH TO PRODUCT	DEPTH TO WATER	PSH THICKNESS	CORRECTED GROUNDWATER ELEVATION
MW-1	01/26/10	3,540.25	79.19	84.04	4.85	3,460.33
MW-1	02/02/10	3,540.25	79.28	84.16	4.88	3,460.24
MW-1	02/16/10	3,540.25	79.22	84.02	4.80	3,460.31
MW-1	02/18/10	3,540.25	79.22	84.15	4.93	3,460.29
MW-1	02/22/10	3,540.25	79.20	84.04	4.84	3,460.32
MW-1	02/25/10	3,540.25	79.23	84.07	4.84	3,460.29
MW-1	03/02/10	3,540.25	79.25	84.05	4.80	3,460.28
MW-1	03/04/10	3,540.25	79.20	84.12	4.92	3,460.31
MW-1	*03/11/10*	3,540.25	79.28	84.07	4.79	3,460.25
MW-1	03/24/10	3,540.25	79.24	84.23	4.99	3,460.26
MW-1	04/01/10	3,540.25	79.22	84.18	4.96	3,460.29
MW-1	04/06/10	3,540.25	79.24	84.19	4.95	3,460.27
MW-1	04/08/10	3,540.25	79.33	84.06	4.73	3,460.21
MW-1	04/20/10	3,540.25	79.24	84.15	4.91	3,460.27
MW-1	04/22/10	3,540.25	79.28	83.97	4.69	3,460.27
MW-1	04/27/10	3,540.25	79.33	84.09	4.76	3,460.21
MW-1	04/29/10	3,540.25	79.28	83.98	4.70	3,460.27
MW-1	05/04/10	3,540.25	79.32	84.03	4.71	3,460.22
MW-1	05/06/10	3,540.25	79.35	83.95	4.60	3,460.21
MW-1	05/12/10	3,540.25	79.92	84.32	4.40	3,459.67
MW-1	05/14/10	3,540.25	79.46	83.75	4.29	3,460.15
MW-1	05/26/10	3,540.25	79.33	84.11	4.78	3,460.20
MW-1	*05/27/10*	3,540.25	79.23	83.88	4.65	3,460.32
MW-1	06/02/10	3,540.25	79.30	84.06	4.76	3,460.24
MW-1	06/04/10	3,540.25	79.36	83.89	4.53	3,460.21
MW-1	06/09/10	3,540.25	79.35	84.01	4.66	3,460.20
MW-1	06/11/10	3,540.25	79.39	83.86	4.47	3,460.19
MW-1	06/15/10	3,540.25	79.39	84.00	4.61	3,460.17
MW-1	06/22/10	3,540.25	79.37	84.06	4.69	3,460.18
MW-1	06/24/10	3,540.25	79.43	83.85	4.42	3,460.16
MW-1	06/29/10	3,540.25	79.38	84.00	4.62	3,460.18
MW-2	*03/11/10*	3,538.31	-	78.36	0.00	3,459.95
MW-2	*05/27/10*	3,538.31	-	78.36	0.00	3,459.95
MW-3	*03/11/10*	3,539.03	-	79.24	0.00	3,459.79
MW-3	*05/27/10*	3,539.03	-	79.26	0.00	3,459.77
MW-4	*03/11/10*	3,539.66	-	80.15	0.00	3,459.51
MW-4	*05/27/10*	3,539.66	-	80.17	0.00	3,459.49

Analytical Report 366360

for

PLAINS ALL AMERICAN EH&S

Project Manager: Jason Henry

DCP Plant to Lea Station 6 Inch # 2

2009-039

24-MAR-10

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

24-MAR-10

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

Reference: XENCO Report No: **366360**
DCP Plant to Lea Station 6 Inch # 2
Project Address: Lea County, NM

Jason Henry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 366360. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 366360 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 366360

PLAINS ALL AMERICAN EH&S, Midland, TX

DCP Plant to Lea Station 6 Inch # 2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-2	W	Mar-11-10 12:00		366360-001
MW-3	W	Mar-11-10 13:00		366360-002
MW-4	W	Mar-11-10 14:00		366360-003

CASE NARRATIVE

Client Name: PLAINS ALL AMERICAN EH&S
Project Name: DCP Plant to Lea Station 6 Inch # 2

Project ID:	*2009-039*	*Report Date:*	*24-MAR-10*
Work Order Number:	*366360*	*Date Received:*	*03/19/2010*

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-799583 BTEX by EPA 8021
None

Certificate of Analysis Summary 366360

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: DCP Plant to Lea Station 6 Inch # 2

Project Id: 2009-039
Contact: Jason Henry
Project Location: Lea County, NM

Date Received in Lab: Fri Mar-19-10 04:47 pm
Report Date: 24-MAR-10
Project Manager: Brent Barron, II

Analysis Requested											
	Lab Id:	366360-001		366360-002		366360-003					
	Field Id:	MW-2		MW-3		MW-4					
	Depth:										
	Matrix:	WATER		WATER		WATER					
	Sampled:	Mar-11-10 12:00		Mar-11-10 13:00		Mar-11-10 14:00					
BTEX by EPA 8021	*Extracted:*	Mar-23-10 08:00		Mar-23-10 08:00		Mar-23-10 08:00					
	Analyzed:	Mar-23-10 12:18		Mar-23-10 12:41		Mar-23-10 13:04					
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL				
Benzene		ND	0.0010	0.0028	0.0010	0.0047	0.0010				
Toluene		ND	0.0020	ND	0.0020	0.0023	0.0020				
Ethylbenzene		ND	0.0010	ND	0.0010	ND	0.0010				
m,p-Xylenes		ND	0.0020	ND	0.0020	ND	0.0020				
o-Xylene		ND	0.0010	ND	0.0010	ND	0.0010				
Xylenes, Total		ND	0.0010	ND	0.0010	ND	0.0010				
Total BTEX		ND	0.0010	0.0028	0.0010	0.0070	0.0010				

Brent Barron, II
Odessa Laboratory Manager

Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

Form 2 - Surrogate Recoveries

Project Name: DCP Plant to Lea Station 6 Inch # 2

Work Orders : 366360,

Project ID: 2009-039

Lab Batch #: 799583 **Sample:** 558913-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 10:04

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0271	0.0300	90	80-120	
4-Bromofluorobenzene	0.0296	0.0300	99	80-120	

Lab Batch #: 799583 **Sample:** 558913-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 10:26

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0281	0.0300	94	80-120	
4-Bromofluorobenzene	0.0309	0.0300	103	80-120	

Lab Batch #: 799583 **Sample:** 558913-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 11:34

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0240	0.0300	80	80-120	
4-Bromofluorobenzene	0.0308	0.0300	103	80-120	

Lab Batch #: 799583 **Sample:** 366360-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 12:18

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0242	0.0300	81	80-120	
4-Bromofluorobenzene	0.0319	0.0300	106	80-120	

Lab Batch #: 799583 **Sample:** 366360-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 12:41

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0242	0.0300	81	80-120	
4-Bromofluorobenzene	0.0306	0.0300	102	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: DCP Plant to Lea Station 6 Inch # 2

Work Orders : 366360,

Project ID: 2009-039

Lab Batch #: 799583 **Sample:** 366360-003 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 13:04

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0243	0.0300	81	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 799583 **Sample:** 366350-001 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 20:11

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0268	0.0300	89	80-120	
4-Bromofluorobenzene	0.0277	0.0300	92	80-120	

Lab Batch #: 799583 **Sample:** 366350-001 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 03/23/10 20:33

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0270	0.0300	90	80-120	
4-Bromofluorobenzene	0.0282	0.0300	94	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

BS / BSD Recoveries

Project Name: DCP Plant to Lea Station 6 Inch # 2

Work Order #: 366360 **Project ID:** 2009-039

Analyst: ASA **Date Prepared:** 03/23/2010 **Date Analyzed:** 03/23/2010

Lab Batch ID: 799583 **Sample:** 558913-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BTEX by EPA 8021	BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY										
Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0967	97	0.1	0.0999	100	3	70-125	25	
Toluene	ND	0.1000	0.0966	97	0.1	0.0987	99	2	70-125	25	
Ethylbenzene	ND	0.1000	0.0968	97	0.1	0.1008	101	4	71-129	25	
m,p-Xylenes	ND	0.2000	0.1894	95	0.2	0.1966	98	4	70-131	25	
o-Xylene	ND	0.1000	0.0910	91	0.1	0.0946	95	4	71-133	25	

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

Form 3 - MS / MSD Recoveries

Project Name: DCP Plant to Lea Station 6 Inch # 2

Work Order # : 366360 **Project ID:** 2009-039

Lab Batch ID: 799583 **QC- Sample ID:** 366350-001 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 03/23/2010 **Date Prepared:** 03/23/2010 **Analyst:** ASA

Reporting Units: mg/L

BTEX by EPA 8021 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	0.0720	0.1000	0.1522	80	0.1000	0.1568	85	3	70-125	25	
Toluene	0.0243	0.1000	0.1053	81	0.1000	0.1072	83	2	70-125	25	
Ethylbenzene	0.0020	0.1000	0.0831	81	0.1000	0.0839	82	1	71-129	25	
m,p-Xylenes	ND	0.2000	0.1560	78	0.2000	0.1564	78	0	70-131	25	
o-Xylene	0.0017	0.1000	0.0771	75	0.1000	0.0771	75	0	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Camille Bryant PAGE 01 OF 01 Project Name: DCP Plant to Lea Station 6 Inch #2

Company Name: Basin Environmental Consulting, Project #: 2009-039

Company Address: P.O. Box 381 Project Loc: Lea County, NM

City/State/Zip: Lovington, NM 88260 PO #: PAA- J. Henry

Telephone No: (575)605-7210 Fax No: (505) 396-1429 Report Format: [X] Standard [ ] TRRP [ ] NPDES

Sampler Signature: C. S. Bryant e-mail: cjbryant@basin-consulting.com

(lab use only)
ORDER #: 366360

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TPH: 418.1 8015M 8015B	TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
																	TCLP:												
																	TOTAL:								X				
01	MW-2			3/11/2010	12:00		3	X		X						GW									X				X
02	MW-3			3/11/2010	1:00		3	X		X						GW									X				X
03	MW-4			3/11/2010	2:00		3	X		X						GW									X				X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
C. S. Bryant	3/19/10	1647			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT:	Date	Time
			Andrea Sam	3.19.10	16:47

Laboratory Comments:

Sample Containers Intact?	Y	N
VOCs Free of Headspace?	Y	N
Labels on container(s)	Y	N
Custody seals on container(s)	Y	N
Custody seals on cooler(s)	Y	N
Sample Hand Delivered	Y	N
by Sampler/Client Rep. ?	Y	N
by Courier? UPS DHL FedEx Lone Star		
40 ml VOA		
Temperature Upon Receipt: 3.6 °C		

Environmental Lab of Texas

Variance/ Corrective Action Report- Sample Log-In

Client: Basin Env. / Plains

Date/ Time: 3.19.10 16:47

Lab ID # : 346360

Initials: AL

Sample Receipt Checklist

					Client Initials
#1	Temperature of container/ cooler?	(Yes)	No	3.6 °C	
#2	Shipping container in good condition?	(Yes)	No		
#3	Custody Seals intact on shipping container/ cooler?	Yes	No	(Not Present)	
#4	Custody Seals intact on sample bottles/ container?	(Yes)	No	Not Present	
#5	Chain of Custody present?	(Yes)	No		
#6	Sample instructions complete of Chain of Custody?	(Yes)	No		
#7	Chain of Custody signed when relinquished/ received?	(Yes)	No		
#8	Chain of Custody agrees with sample label(s)?	(Yes)	No	ID written on Cont./ Lid	
#9	Container label(s) legible and intact?	(Yes)	No	Not Applicable	
#10	Sample matrix/ properties agree with Chain of Custody?	(Yes)	No		
#11	Containers supplied by ELOT?	(Yes)	No		
#12	Samples in proper container/ bottle?	(Yes)	No	See Below	
#13	Samples properly preserved?	(Yes)	No	See Below	
#14	Sample bottles intact?	(Yes)	No		
#15	Preservations documented on Chain of Custody?	(Yes)	No		
#16	Containers documented on Chain of Custody?	(Yes)	No		
#17	Sufficient sample amount for indicated test(s)?	(Yes)	No	See Below	
#18	All samples received within sufficient hold time?	(Yes)	No	See Below	
#19	Subcontract of sample(s)?	Yes	No	(Not Applicable)	
#20	VOC samples have zero headspace?	(Yes)	No	Not Applicable	

Variance Documentation

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

Regarding: _____

Corrective Action Taken:

Check all that Apply:

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

Analytical Report 374689

for

PLAINS ALL AMERICAN EH&S

Project Manager: Jason Henry

DCP Plant to Lea Station 6" # 2

2009-039

03-JUN-10

12600 West I-20 East Odessa, Texas 79765

Xenco-Houston (EPA Lab code: TX00122):
Texas (T104704215-TX), Arizona (AZ0738), Arkansas (08-039-0), Connecticut (PH-0102), Florida (E871002)
Illinois (002082), Indiana (C-TX-02), Iowa (392), Kansas (E-10380), Kentucky (45), Louisiana (03054)
New Hampshire (297408), New Jersey (TX007), New York (11763), Oklahoma (9218), Pennsylvania (68-03610)
Rhode Island (LAO00312), USDA (S-44102)

Xenco-Atlanta (EPA Lab Code: GA00046):
Florida (E87429), North Carolina (483), South Carolina (98015), Utah (AALI1), West Virginia (362), Kentucky (85)
Louisiana (04176), USDA (P330-07-00105)

Xenco-Miami (EPA Lab code: FL01152): Florida (E86678), Maryland (330)
Xenco-Tampa Mobile (EPA Lab code: FL01212): Florida (E84900)
Xenco-Odessa (EPA Lab code: TX00158): Texas (T104704400-TX)
Xenco-Dallas (EPA Lab code: TX01468): Texas (T104704295-TX)
Xenco-Corpus Christi (EPA Lab code: TX02613): Texas (T104704370)
Xenco-Boca Raton (EPA Lab Code: FL00449):
Florida(E86240),South Carolina(96031001), Louisiana(04154), Georgia(917)
North Carolina(444), Texas(T104704468-TX), Illinois(002295)

03-JUN-10

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

Reference: XENCO Report No: **374689**
DCP Plant to Lea Station 6" # 2
Project Address: Lea County, NM

Jason Henry:

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the XENCO Report Number 374689. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by XENCO Laboratories. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 374689 will be filed for 60 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

Brent Barron, II
Odessa Laboratory Manager

Sample Cross Reference 374689

PLAINS ALL AMERICAN EH&S, Midland, TX

DCP Plant to Lea Station 6" # 2

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
MW-2	W	May-27-10 09:00		374689-001
MW-3	W	May-27-10 09:45		374689-002
MW-4	W	May-27-10 10:30		374689-003

CASE NARRATIVE

Client Name: PLAINS ALL AMERICAN EH&S
Project Name: DCP Plant to Lea Station 6" # 2

Project ID: 2009-039
Work Order Number: 374689

Report Date: 03-JUN-10
Date Received: 05/27/2010

Sample receipt non conformances and Comments:

None

Sample receipt Non Conformances and Comments per Sample:

None

Analytical Non Conformances and Comments:

Batch: LBA-809036 BTEX by EPA 8021
SW8021BM

Batch 809036, 1,4-Difluorobenzene recovered below QC limits . Matrix interferences is suspected; data not confirmed by re-analysis
Samples affected are: 374689-001.

Certificate of Analysis Summary 374689

PLAINS ALL AMERICAN EH&S, Midland, TX

Project Name: DCP Plant to Lea Station 6" # 2

Project Id: 2009-039
Contact: Jason Henry
Project Location: Lea County, NM

Date Received in Lab: Thu May-27-10 01:40 pm
Report Date: 03-JUN-10
Project Manager: Brent Barron, II

Analysis Requested	*Lab Id:*	374689-001		374689-002		374689-003				
	Field Id:	MW-2		MW-3		MW-4				
	Depth:									
	Matrix:	WATER		WATER		WATER				
	Sampled:	May-27-10 09:00		May-27-10 09:45		May-27-10 10:30				
BTEX by EPA 8021	*Extracted:*	Jun-01-10 14:30		Jun-01-10 14:30		Jun-01-10 14:30				
	Analyzed:	Jun-02-10 08:45		Jun-02-10 09:08		Jun-02-10 10:15				
	Units/RL:	mg/L	RL	mg/L	RL	mg/L	RL			
Benzene		0.0014	0.0010	0.0152	0.0010	0.0073	0.0010			
Toluene		ND	0.0020	0.0048	0.0020	0.0031	0.0020			
Ethylbenzene		ND	0.0010	ND	0.0010	ND	0.0010			
m,p-Xylenes		ND	0.0020	ND	0.0020	ND	0.0020			
o-Xylene		ND	0.0010	ND	0.0010	ND	0.0010			
Xylenes, Total		ND	0.0010	ND	0.0010	ND	0.0010			
Total BTEX		0.0014	0.0010	0.0200	0.0010	0.0104	0.0010			

Brent Barron, II
Odessa Laboratory Manager

Final Ver. 1.000

Flagging Criteria

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

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

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

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

F RPD exceeded lab control limits.

J The target analyte was positively identified below the MQL and above the SQL.

U Analyte was not detected.

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

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

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

BRL Below Reporting Limit.

RL Reporting Limit

* Outside XENCO's scope of NELAC Accreditation.

Form 2 - Surrogate Recoveries

Project Name: DCP Plant to Lea Station 6" # 2

Work Orders : 374689, **Project ID:** 2009-039

Lab Batch #: 809036 **Sample:** 564762-1-BKS / BKS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/01/10 15:26

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0309	0.0300	103	80-120	
4-Bromofluorobenzene	0.0302	0.0300	101	80-120	

Lab Batch #: 809036 **Sample:** 564762-1-BSD / BSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/01/10 15:48

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0298	0.0300	99	80-120	
4-Bromofluorobenzene	0.0313	0.0300	104	80-120	

Lab Batch #: 809036 **Sample:** 564762-1-BLK / BLK **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/01/10 16:34

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0245	0.0300	82	80-120	
4-Bromofluorobenzene	0.0326	0.0300	109	80-120	

Lab Batch #: 809036 **Sample:** 374689-001 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/02/10 08:45

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0228	0.0300	76	80-120	*
4-Bromofluorobenzene	0.0293	0.0300	98	80-120	

Lab Batch #: 809036 **Sample:** 374689-002 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/02/10 09:08

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0248	0.0300	83	80-120	
4-Bromofluorobenzene	0.0262	0.0300	87	80-120	

* Surrogate outside of Laboratory QC limits

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

*** Poor recoveries due to dilution

Surrogate Recovery [D] = 100 * A / B

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

Form 2 - Surrogate Recoveries

Project Name: DCP Plant to Lea Station 6" # 2

Work Orders : 374689, **Project ID:** 2009-039

Lab Batch #: 809036 **Sample:** 374689-003 / SMP **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/02/10 10:15

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0248	0.0300	83	80-120	
4-Bromofluorobenzene	0.0300	0.0300	100	80-120	

Lab Batch #: 809036 **Sample:** 374248-007 S / MS **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/02/10 14:00

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0288	0.0300	96	80-120	
4-Bromofluorobenzene	0.0287	0.0300	96	80-120	

Lab Batch #: 809036 **Sample:** 374248-007 SD / MSD **Batch:** 1 **Matrix:** Water

Units: mg/L **Date Analyzed:** 06/02/10 14:22

BTEX by EPA 8021 Analytes	SURROGATE RECOVERY STUDY Amount Found [A]	True Amount [B]	Recovery %R [D]	Control Limits %R	Flags
1,4-Difluorobenzene	0.0281	0.0300	94	80-120	
4-Bromofluorobenzene	0.0276	0.0300	92	80-120	

* Surrogate outside of Laboratory QC limits
** Surrogates outside limits; data and surrogates confirmed by reanalysis
*** Poor recoveries due to dilution
Surrogate Recovery [D] = 100 * A / B
All results are based on MDL and validated for QC purposes.

BS / BSD Recoveries

Project Name: DCP Plant to Lea Station 6" # 2

Work Order #: 374689 **Project ID:** 2009-039

Analyst: ASA **Date Prepared:** 06/01/2010 **Date Analyzed:** 06/01/2010

Lab Batch ID: 809036 **Sample:** 564762-1-BKS **Batch #:** 1 **Matrix:** Water

Units: mg/L

BLANK /BLANK SPIKE / BLANK SPIKE DUPLICATE RECOVERY STUDY

BTEX by EPA 8021 Analytes	Blank Sample Result [A]	Spike Added [B]	Blank Spike Result [C]	Blank Spike %R [D]	Spike Added [E]	Blank Spike Duplicate Result [F]	Blk. Spk Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0917	92	0.1	0.0967	97	5	70-125	25	
Toluene	ND	0.1000	0.0906	91	0.1	0.0950	95	5	70-125	25	
Ethylbenzene	ND	0.1000	0.0938	94	0.1	0.0970	97	3	71-129	25	
m,p-Xylenes	ND	0.2000	0.1887	94	0.2	0.1943	97	3	70-131	25	
o-Xylene	ND	0.1000	0.0913	91	0.1	0.0952	95	4	71-133	25	

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

Form 3 - MS / MSD Recoveries

Project Name: DCP Plant to Lea Station 6" # 2

Work Order # : 374689 **Project ID:** 2009-039

Lab Batch ID: 809036 **QC- Sample ID:** 374248-007 S **Batch #:** 1 **Matrix:** Water

Date Analyzed: 06/02/2010 **Date Prepared:** 06/01/2010 **Analyst:** ASA

Reporting Units: mg/L

BTEX by EPA 8021 Analytes	MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY STUDY										
	Parent Sample Result [A]	Spike Added [B]	Spiked Sample Result [C]	Spiked Sample %R [D]	Spike Added [E]	Duplicate Spiked Sample Result [F]	Spiked Dup. %R [G]	RPD %	Control Limits %R	Control Limits %RPD	Flag
Benzene	ND	0.1000	0.0906	91	0.1000	0.0914	91	1	70-125	25	
Toluene	ND	0.1000	0.0873	87	0.1000	0.0885	89	1	70-125	25	
Ethylbenzene	ND	0.1000	0.0882	88	0.1000	0.0888	89	1	71-129	25	
m,p-Xylenes	ND	0.2000	0.1752	88	0.2000	0.1735	87	1	70-131	25	
o-Xylene	ND	0.1000	0.0864	86	0.1000	0.0862	86	0	71-133	25	

Matrix Spike Percent Recovery [D] = 100*(C-A)/B
Relative Percent Difference RPD = 200*|(C-F)/(C+F)|

Matrix Spike Duplicate Percent Recovery [G] = 100*(F-A)/E

ND = Not Detected, J = Present Below Reporting Limit, B = Present in Blank, NR = Not Requested, I = Interference, NA = Not ApplicableN = See Narrative, EQL = Estimated Quantitation Limit

Xenco Laboratories

The Environmental Lab of Texas

CHAIN OF CUSTODY RECORD AND ANALYSIS REQUEST

12600 West I-20 East
Odessa, Texas 79765

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

Project Manager: Camille Bryant
Company Name: Basin Environmental ~~Service Technologies~~ Consulting, LLC. CBR
Company Address: P.O. Box 301
City/State/Zip: Hobbs, NM 88242
Telephone No: 575-605-7210 Fax No: 575-396-1429
Sampler Signature:
e-mail: cjbryant@basin-consulting.com

Project Name: DCP Plant to Lea Station 6"#2
Project #: 2009-039
Project Loc: Lea County, NM
PO #: PAA-J. Henry
Report Format: [X] Standard [ ] TRRP [ ] NPDES

(lab use only)
ORDER #: 374689

LAB # (lab use only)	FIELD CODE	Beginning Depth	Ending Depth	Date Sampled	Time Sampled	Field Filtered	Total # of Containers	Preservation & # of Containers: Ice	HNO_3	HCl 40ml VOA	H_2SO_4	NaOH	$Na_2S_2O_3$	None	Other (Specify)	Matrix: DW=Drinking Water SL=Sludge GW=Groundwater S=Soil/Solid NP=Non-Potable Specify Other	Analyze For: TCLP: TPH: 418.1 8015M 8015B	TOTAL: TPH: TX 1005 TX 1006	Cations (Ca, Mg, Na, K)	Anions (Cl, SO4, Alkalinity)	SAR / ESP / CEC	Metals: As Ag Ba Cd Cr Pb Hg Se	Volatiles	Semivolatiles	BTEX 8021B/5030 or BTEX 8260B CBR	RCI	N.O.R.M.	RUSH TAT (Pre-Schedule) 24, 48, 72 hrs	Standard TAT
01	MW 2			5-27-10	9:00		3	X		X						GW								X					X
02	MW 3			5-27-10	9:45		3	X		X						GW								X					X
03	MW 4			5-27-10	10:30		3	X		X						GW								X					X

Special Instructions:

Relinquished by:	Date	Time	Received by:	Date	Time
	5-27-10	13:40			
Relinquished by:	Date	Time	Received by:	Date	Time
Relinquished by:	Date	Time	Received by ELOT: Joshua Sam	Date: 5-27-10	Time: 13:40

Laboratory Comments:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
Custody seals on container(s) Y N
Custody seals on cooler(s) Y N
Sample Hand Delivered Y N
by Sampler/Client Rep.? Y N
by Courier? UPS DHL FedEx Lone Star
Temperature Upon Receipt: 3.6 °C

XENCO Laboratories	Document Title: Sample Receipt Checklist Document No.: SYS - SRC Revision/Date : No.00 , 05/18/10 Effective Date: 05/20/10 Page No.: 1 of 1

XENCO Laboratories
Atlanta, Corpus Christi, Dallas, Houston, Miami, Midland, Philadelphia, San Antonio, Tampa

Prelogin / Nonconformance Report – Sample Log-In

Client: Basin Env. / Plains

Date/Time: 5.27.10 13:40

Lab ID #: 374689

Initials: AL

Sample Receipt Checklist

1. Sample on ice?						Blue	(Water)	No	
2. Shipping container in good condition?						(Yes)	No	None	
3. Custody seals intact on shipping container (cooler) and bottles?						(Yes)	No	N/A	
4. Chain of Custody present?						(Yes)	No		
5. Sample instructions complete on chain of custody?						(Yes)	No		
6. Any missing / extra samples?						Yes	(No)		
7. Chain of custody signed when relinquished / received?						(Yes)	No		
8. Chain of custody agrees with sample lable(s)?						(Yes)	No		
9. Container labels legible legible and intact?						(Yes)	No		
10. Sample matrix / properties agree with chain of custody?						(Yes)	No		
11. Samples in proper container / bottle?						(Yes)	No		
12. Samples properly preserved?						(Yes)	No	N/A	
13. Sample container intact?						(Yes)	No		
14. Sufficient sample amount for indicated test(s)?						(Yes)	No		
15. All samples received within sufficient hold time?						(Yes)	No		
16. Subcontract of sample(s)?						Yes	No	(N/A)	
17. Voc sample have zero head space?						(Yes)	No	N/A	
18. Cooler 1 No.		Cooler 2 No.		Cooler 3 No.		Cooler 4 No.		Cooler 5 No.	
lbs	3.6 °C	lbs	°C	lbs	°C	lbs	°C	lbs	°C

Nonconformance Documentation

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

Regarding: _____

_____

Corrective ActionTaken:_____

_____

_____

Check all that apply:
- ☐ Cooling process has begun shortly after sampling event and out of temperature condition acceptable by NELAC 5.5.8.3.1.a.1.
- ☐ Initial and Backup Temperature confirm out of temperature conditions
- ☐ Client understands and would like to proceed with analysis