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December 12, 2013

Mr. Leonard Lowe
Environmental Engineer
New Mexico Oil Conservation Division
1220 S. St. Francis Dr.
Santa Fe, NM 87505

RE: 3rd Quarter 2013 Groundwater Monitoring Results
Hobbs Booster Station, Lea County New Mexico (AP-114)
Unit C and D, Section 4, Township 19 South, Range 38 East

Dear Mr. Lowe:

DCP Midstream, LP (DCP), is pleased to submit for your review, a one copy of the 3rd Quarter 2013 Groundwater Monitoring Report for the DCP Hobbs Booster Station located in Hobbs, New Mexico (Unit C and D Section 4, T19S, R38E (32.696 degrees North, 103.156 degrees West).

If you have any questions regarding the report, please call me at 303-605-1718 or email me at swweathers@dcpmidstream.com.

Sincerely

DCP Midstream, LP

Stephen Weathers, P.G.
Principal Environmental Specialist

cc: Geoffrey Leking, Hobbs District (Copy on CD)
Environmental Files

Third Quarter 2013 Groundwater Monitoring and Activities Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

dcp Midstream

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Prepared by:

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November 27, 2013

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1. Introduction

This report summarizes the remediation system activities and results of groundwater monitoring activities conducted during the third quarter 2013, at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) conducted these activities on behalf of DCP Midstream, LP (DCP). The purpose of the groundwater monitoring activities described herein were to: a) determine the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons; b) measure groundwater levels; c) obtain groundwater samples for chemical analysis; and d) evaluate and present groundwater flow and quality conditions. The field data and laboratory analytical results collected during the reporting period were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

The Site is located in New Mexico Oil Conservation Division (OCD) designated Units C and D, Section 4, Township 19 South, Range 38 East (Figure 1). The facility coordinates are 32.696 degrees north and 103.156 degrees west. This facility is no longer used as an active gas compression facility or product transfer site; currently the Site is primarily used as a DCP field office and as an overhaul shop. All ancillary equipment and buildings associated with the former Booster Station have been decommissioned and/or demolished.

The Site currently has 30 groundwater monitoring wells, which are illustrated in Figure 2. Twenty-seven of the wells are located on the Site property while the other three wells (MW-23, MW-24, and MW-25) are located to the southeast of the property boundary on land currently owned by Occidental Permian.

An LNAPL recovery and soil vapor extraction (SVE) system are present at the Site. There are 28 extraction wells (Figure 2) located on-Site including MW-4, MW-8, MW-11, and MW-13 which were previously converted from monitoring wells due to historically high levels of LNAPL. Additionally, the Site operates an air-sparge (AS) groundwater cut-off system that was installed along the south-central Site boundary and includes 21 AS injection wells connected in series (Figure 2). LNAPL, AS, and SVE system operation and performance are described in Section 4.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the third quarter 2013 monitoring event conducted on September 10, 2013. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, groundwater purging and sampling, and subsequent packaging and shipping of the samples to the laboratory for chemical analyses. Figure 2 illustrates the groundwater monitoring network utilized to perform these activities at the Site.

3.1 Groundwater and LNAPL Elevation Monitoring

Groundwater and LNAPL levels were measured in order to evaluate hydraulic characteristics and provide information regarding fluctuations in groundwater and LNAPL elevations at the Site. In addition, wells that did not have LNAPL present were measured for total depth and recorded for subsequent use in calculating groundwater purge volumes. During the third quarter 2013 monitoring event groundwater and LNAPL levels, if present, were measured at 24 monitoring well locations.

The wells were gauged on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater levels were subsequently converted to elevations (feet above mean sea level [AMSL]).

Groundwater elevations collected during the third quarter 2013 monitoring event are presented in Table 1 and a groundwater elevation contour map is illustrated in Figure 3. Groundwater elevations ranged from 3566.48 feet AMSL in monitoring wells MW-19D to 3576.10 feet AMSL at monitoring well MW-7. There was an average decrease in groundwater elevation of 0.34 feet from the previous quarter across the site. As illustrated on Figure 3, groundwater flow at the Site generally trends to the east with a gradient of approximately 0.004 foot per foot between monitoring wells MW-6 and MW-21.

LNAPL was detected in nine of the measured groundwater monitoring wells with thicknesses ranging between 0.16-feet in MW-18 to 6.25-feet in MW-12. Calculated groundwater elevation data in these wells were corrected to account for LNAPL thickness and density.

3.2 Groundwater Quality Monitoring

Prior to collecting groundwater samples, groundwater levels, LNAPL levels, and the total depth of each well (in wells without LNAPL) was measured as previously described. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) was then purged using dedicated polyethylene bailers from the subject well prior to the collection of groundwater samples. Groundwater samples were collected using dedicated polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (^{0}C) for transportation. Groundwater samples were then shipped under chain-of-custody procedures to Accutest Laboratories (Accutest) in Wheat Ridge, Colorado, for analysis.

Water quality samples were collected from 14 monitoring wells during the third quarter 2013 monitoring event conducted on September 10, 2013. Monitoring wells MW-1, MW-2, MW-9, MW-10, MW-12, MW-17, MW-18, TW-K, and TW-N were not sampled due to the presence of measurable LNAPL detected at these locations. Water quality samples were submitted to Accutest for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the September 10, 2013 event. Analytical results are also summarized in Figure 4. Laboratory analytical reports for the event are included in Appendix A and historical analytical results up to and including the September 2013 event are contained in Appendix B.

Water quality parameters were collected during the third quarter 2013 monitoring event and were used to confirm groundwater stabilization prior to sample collection. The Site monitoring wells did not require collection of more than three purge volumes to achieve parameter stabilization. As such, the analytical data are considered to be representative of Site conditions in that a minimum 3 purge volumes were evacuated from all monitoring wells sampled during the third quarter 2013 event.

3.3 Data Quality Assurance / Quality Control

A trip blank, matrix spike or matrix spike duplicate (MS/MSD) and two field duplicate samples (MW-14 and MW-19D) were collected during the sampling event. The data were reviewed for compliance with the analytical method and the associated quality assurance/quality control (QA/QC) procedures. All samples were analyzed using the correct analytical methods and within the correct holding times. Chain of custody forms were in order and properly executed and indicate that samples were received at the proper temperature and without headspace. All data were reported using the correct method number and reporting units. The trip blank was fully in control, having no detections of targets.

Duplicate samples were in compliance with QA/QC standards. MW-14 and associated duplicate sample (DUP A) returned results for benzene of 0.0959 mg/l and 0.0739 mg/l. MW-19D and associated duplicate sample (DUP B) returned results for benzene of 0.00054 mg/l and 0.00050 mg/l.

The overall QA/QC assessment of the data, based on the data review, indicate that both field precision and overall data precision and accuracy are acceptable.

4. Remediation System Performance

Remediation system activities are described in this section. The performance sections for the LNAPL, SVE, and AS systems are based on historic data as well as data collected during the reporting period.

4.1 Remediation System Layout

The System consists of 28-extraction wells that can be used for liquid or vapor recovery. The extraction wells are currently used for LNAPL recovery. In addition to the extraction well network, there are 22 AS wells aligned east to west creating an 870-foot long dissolved phase hydrocarbon boundary control feature. Groundwater at the Site is typically encountered at 50 feet below ground surface (bgs) and wells are generally completed to approximately 65 feet bgs. The well array spans an area that is approximately 1,000 feet east to west and 800 feet north to south (an estimated 15 acres of surface area).

4.2 SVE Performance Evaluation

The soil vapor extraction system was shut down during the second quarter 2012 to allow for equilibration and gauging of LNAPL and groundwater fluid levels at the Site recovery wells. The SVE system remains off as LNAPL recovery from the extraction wells is currently the primary remediation goal at the Site.

4.3 Recovery System Performance Evaluation

The LNAPL System includes 28 Magnum Spill Buster units (manufactured by Clean Earth Technology) installed at each well in the extraction well network. The full scale system was made operational on May 1, 2013. The recovery units were integrated into the existing LNAPL infrastructure which includes conveyance lines and a 100 barrel steel holding tank where recovered LNAPL is accumulated. Additionally, a solar powered spill buster unit is installed at monitoring well MW-10 with a 500-gallon poly tank.

During the reporting period between June 24, and September 25, 2013, the LNAPL System recovered 1,037.70 gallons of LNAPL with an average extraction rate of 12.87 gallons per day (gpd). The total volume of LNAPL recovered since remediation at the Site began in January 2005 is 35,197.47 gallons.

During July 2013, the Spill Buster pumps at extraction wells PW-BB, PW-DD, PW-EE, & TW-B were removed and shipped back to the manufacturer for warranty repairs. Repairs to the four units were not completed during the reporting period and the pumps were unable to be re-installed within the wells. As these wells are located within historically high areas of LNAPL thickness, it is assumed that the decrease in the extraction rate observed between the second and third quarter, 2013 is attributed to the removal of the recovery units. It should also be noted that the decreased extraction rate is likely due to the decreased LNAPL thicknesses around the extraction well network as a direct result of Spill Buster operation.

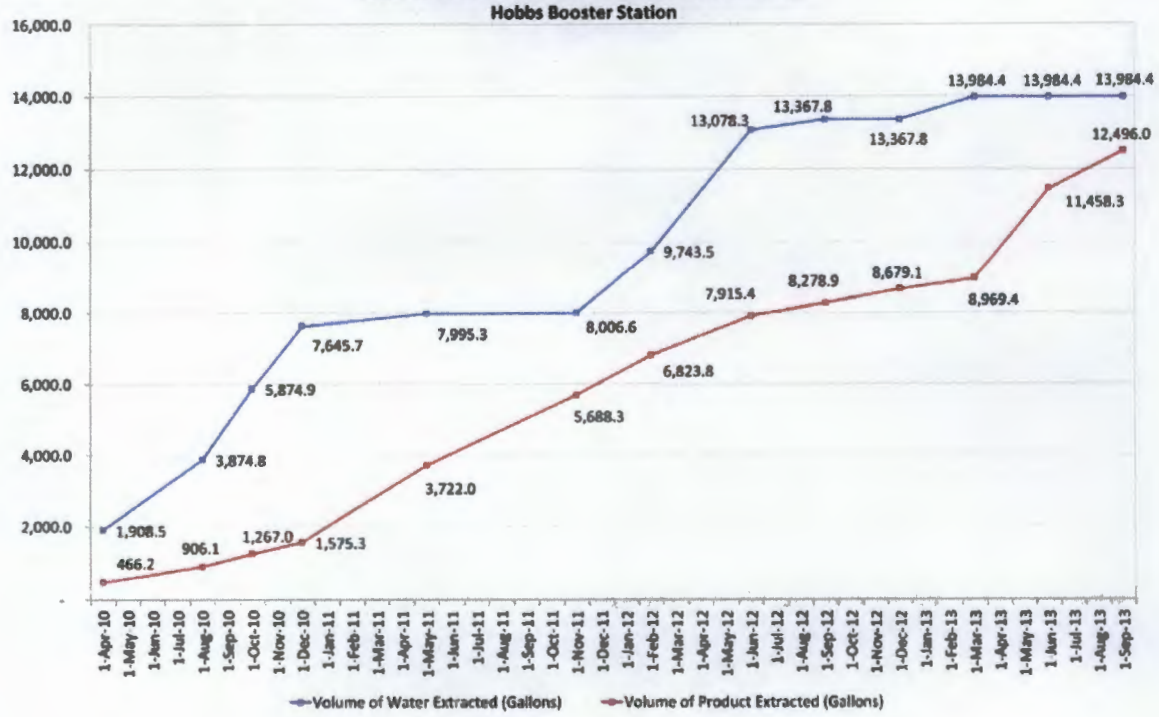
Prior to installation of the solar powered Spill Buster unit at MW-10, the measured LNAPL thickness was greater than 2-feet. Spill buster operation was initiated at MW-10 on May 2, 2013 and the unit successfully evacuated LNAPL from the well. Since operation began, the LNAPL thickness within the well has remained below 0.20 inches. A detectable amount of LNAPL was observed within the 500-gallon poly tank during the reporting period and approximately 3.02 gallons of product has been removed from the well since operation began. The LNAPL thickness and the tank volume will continue to be monitored at MW-10 during the fourth quarter 2013.

Incremental and cumulative recovery volumes from April of 2010 through the third quarter 2013 are summarized in the table and graph below. The recovery data indicate that the LNAPL recovery rate has remained significantly higher through the third quarter 2013 than those observed during reporting periods (through April of 2010) prior to Spill Buster installation, and incidental groundwater extraction has been eliminated.

Liquid Recovery Summary

Date	Volume of Water Extracted (Gallons)	Total Water (Gallons)	Volume of Product Extracted (Gallons)	Cumulative LNAPL Recovery (Gallons)
26-Apr-10	1,908.5	1,908.5	466.2	466.2
5-Aug-10	1,966.3	3,874.8	439.9	906.1
18-Oct-10	2,000.1	5,874.9	360.9	1,267.0
20-Dec-10	1,770.8	7,645.7	308.3	1,575.3
23-May-11	349.6	7,995.3	2,146.7	3,722.0
21-Nov-11	11.3	8,006.6	1,966.3	5,688.3
20-Feb-12	1,736.9	9,743.5	853.4	6,823.8
28-Jun-12	3,334.8	13,078.3	473.7	7,915.4
25-Sep-12	289.5	13,367.8	363.5	8,278.9
5-Dec-12	-	13,367.8	400.2	8,679.1
25-Mar-13	616.6	13,984.4	290.3	8,969.4
24-Jun-13	-	13,984.4	2,488.9	11,458.3
25-Sep-13	-	13,984.4	1,037.7	12,496.0

Figure A
Totalized Recovered Groundwater and LNAPL Volumes
Hobbs Booster Station



4.4 Air Sparge Performance Evaluation

The AS system has continued to operate on a 24-hour per day basis with minor down time due to routine scheduled equipment maintenance. The primary evaluation criteria for AS performance is tied to the dissolved phase hydrocarbon concentrations present in groundwater downgradient of the AS well alignment. Monitoring wells MW-14, MW-15, and MW-23, located immediately downgradient from the sparge curtain, provide ideal monitoring locations for observing effects the AS system has on impacted groundwater as it passes through the treatment zone. On the east end of the AS system, monitoring well MW-14 continues to exhibit low dissolved benzene concentrations, however, MW-23 which is located immediately downgradient to MW-14, continues to have no detectable concentrations of benzene or other dissolved petroleum hydrocarbons. On the west end of the AS system, lab data indicates that no dissolved phase hydrocarbon impacts are present in the vicinity of MW-15.

5. Conclusions

This section of the report presents conclusions from the findings of third quarter 2013 groundwater monitoring and remediation system O&M activities.

- One monitoring well location (MW-14) continues to exhibit elevated benzene concentrations in exceedance of the New Mexico Quality Control Commission standards. However, concentrations remain below those observed during 2012 and continue to decrease over time. BTEX concentrations observed in point of compliance wells located down-gradient remain below detection limits suggesting the dissolved phase petroleum hydrocarbon plume is not advancing.

- LNAPL recovery rates have increased significantly following installation of the LNAPL System and incidental groundwater recovery has been eliminated.

- Following the installation of the Spill Buster at MW-10 during the third quarter 2013, very little recharge of LNAPL has occurred in the well indicating significant depletion of the LNAPL volume in the vicinity of the recovery location.

- Dissolved phase hydrocarbon concentrations observed during the third quarter 2013 in the vicinity of the AS trench remain below NMWQCC standards, demonstrating that the cut off system remains effective in preventing the advancement of the dissolved and free phase hydrocarbon plumes.

6. Recommendations

Based on evaluation of current and historical data, recommendations have been developed for future activities, as described below:

- Ongoing quarterly groundwater monitoring and sampling activities will provide for continued monitoring of dissolved phase BTEX concentration and LNAPL trends;

- Continue operation, monitoring, and maintenance of the Spill Buster pumps including re-installation of the four pumps that were sent to the manufacturer for warranty repairs;

- Move the solar powered Spill Buster unit that is currently at monitoring well MW-10 to MW-12 during December 2013;

- The effect of LNAPL recovery on the hydraulic capture zone will be evaluated as the system continues to operate. In addition, operational data such as LNAPL recovery and well recharge rates will continue to be evaluated to optimize system operation, and;

- AS system operation and maintenance will continue.

Tables

TABLE 1
THIRD QUARTER 2013
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (1) (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-1*	9/6/2012	56.36	51.34	5.02	NM	3626.06	3573.47	-0.14
MW-1*	12/5/2012	56.45	51.58	4.87	NM	3626.06	3573.26	-0.20
MW-1*	2/19/2013	56.65	51.88	4.77	NM	3626.06	3572.99	-0.28
MW-1*	6/3/2013	56.81	52.19	4.62	NM	3626.06	3572.72	-0.27
MW-1*	9/10/2013	57.00	52.84	4.16	NM	3626.06	3572.18	-0.54
MW-2*	9/6/2012	50.90	46.40	4.50	NM	3623.14	3575.62	-0.36
MW-2*	12/5/2012	50.03	46.63	3.40	NM	3623.14	3575.66	0.05
MW-2*	2/19/2013	50.25	46.95	3.30	NM	3623.14	3575.37	-0.30
MW-2*	6/3/2013	50.52	47.31	3.21	NM	3623.14	3575.03	-0.34
MW-2*	9/10/2013	50.65	47.43	3.22	NM	3623.14	3574.91	-0.12
MW-3	9/6/2012	47.55			55.80	3623.01	3575.46	-0.12
MW-3	12/5/2012	47.71			55.80	3623.01	3575.30	-0.16
MW-3	2/19/2013	48.04			55.80	3623.01	3574.97	-0.33
MW-3	6/3/2013	48.27			55.80	3623.01	3574.74	-0.23
MW-3	9/10/2013	47.53			55.80	3623.01	3575.48	0.74
MW-5	9/6/2012	54.95			59.20	3629.16	3574.21	-0.15
MW-5	12/5/2012	55.08			59.20	3629.16	3574.08	-0.13
MW-5	2/19/2013	55.42			59.20	3629.16	3573.74	-0.34
MW-5	6/3/2013	55.49			59.20	3629.16	3573.67	-0.07
MW-5	9/10/2013	55.89			59.20	3629.16	3573.27	-0.40
MW-6	9/6/2012	50.60			56.46	3626.93	3576.33	-0.07
MW-6	12/5/2012	50.75			56.46	3626.93	3576.18	-0.15
MW-6	2/19/2013	51.06			56.46	3626.93	3575.87	-0.31
MW-6	6/3/2013	51.19			56.46	3626.93	3575.74	-0.13
MW-6	9/10/2013	51.48			56.46	3626.93	3575.45	-0.29
MW-7	9/6/2012	DRY			46.21	3621.40	NM	NM
MW-7	12/5/2012	NM			46.21	3621.40	NM	NM
MW-7	2/19/2013	45.10			46.21	3621.40	3576.30	-0.50
MW-7	6/3/2013	44.36			46.21	3621.40	3577.04	0.74
MW-7	9/10/2013	45.30			46.21	3621.40	3576.10	-0.94
MW-9*	9/6/2012	59.30	52.99	6.31	NM	3625.21	3570.64	-0.12
MW-9*	12/5/2012	59.48	53.15	6.33	NM	3625.21	3570.48	-0.16
MW-9*	2/19/2013	59.66	53.44	6.22	NM	3625.21	3570.22	-0.26
MW-9*	6/3/2013	59.90	53.72	6.18	NM	3625.21	3569.95	-0.27
MW-9*	9/10/2013	60.14	54.00	6.14	NM	3625.21	3569.68	-0.27
MW-10*	9/6/2012	50.75	47.74	3.01	58.28	3621.07	3572.58	-0.24
MW-10*	12/5/2012	51.14	47.82	3.32	58.28	3621.07	3572.42	-0.16
MW-10*	2/19/2013	51.53	48.07	3.46	58.28	3621.07	3572.14	-0.29
MW-10*	6/3/2013 [4]	49.33	49.18	0.15	58.28	3621.07	3571.85	-0.28
MW-10*	9/10/2013	50.13	49.79	0.34	58.28	3621.07	3571.20	-0.66
MW-12*	9/6/2012	59.41	52.81	6.60	NM	3626.60	3572.14	0.08
MW-12*	12/5/2012	60.08	53.05	7.03	NM	3626.60	3571.79	-0.35
MW-12*	2/19/2013	60.19	53.38	6.81	NM	3626.60	3571.52	-0.28
MW-12*	6/3/2013	60.26	53.71	6.55	NM	3626.60	3571.25	-0.27
MW-12*	9/10/2013	60.31	54.06	6.25	NM	3626.60	3570.98	-0.27
MW-14	9/6/2012	50.65			62.94	3621.42	3570.77	-0.20
MW-14	12/5/2012	50.75			62.94	3621.42	3570.67	-0.10
MW-14	2/19/2013	51.07			62.94	3621.42	3570.35	-0.32
MW-14	6/3/2013	51.52			62.94	3621.42	3569.90	-0.45
MW-14	9/10/2013	51.66			62.94	3621.42	3569.76	-0.14

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HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (1) (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-15	9/6/2012	46.42			58.17	3619.39	3572.97	-0.16
MW-15	12/5/2012	46.54			58.17	3619.39	3572.85	-0.12
MW-15	2/19/2013	46.95			58.17	3619.39	3572.44	-0.41
MW-15	6/3/2013	47.10			58.17	3619.39	3572.29	-0.15
MW-15	9/10/2013	47.47			58.17	3619.39	3571.92	-0.37
MW-16	9/6/2012	46.53			56.35	3621.87	3575.34	-0.21
MW-16	12/5/2012	46.68			56.35	3621.87	3575.19	-0.15
MW-16	2/19/2013	47.00			56.35	3621.87	3574.87	-0.32
MW-16	6/3/2013	47.22			56.35	3621.87	3574.65	-0.22
MW-16	9/10/2013	47.51			56.35	3621.87	3574.36	-0.29
MW-17*	9/6/2012	55.65	54.88	0.77	NM	3623.94	3568.87	-0.11
MW-17*	12/5/2012	55.84	55.03	0.81	NM	3623.94	3568.71	-0.16
MW-17*	2/19/2013	56.17	55.34	0.83	NM	3623.94	3568.39	-0.32
MW-17*	6/3/2013	56.29	55.55	0.74	NM	3623.94	3568.21	-0.19
MW-17*	9/10/2013	56.65	55.85	0.80	NM	3623.94	3567.89	-0.32
MW-18*	9/6/2012	56.10	55.94	0.16	NM	3624.30	3568.32	-0.32
MW-18*	12/5/2012	56.13	56.10	0.03	NM	3624.30	3568.19	-0.13
MW-18*	2/19/2013	56.40	56.36	0.04	NM	3624.30	3567.93	-0.26
MW-18*	6/3/2013	56.68	56.65	0.03	NM	3624.30	3567.64	-0.29
MW-18*	9/10/2013	56.94	56.78	0.16	NM	3624.30	3567.48	-0.16
MW-19	9/6/2012	56.36			65.15	3624.12	3567.76	-0.11
MW-19	12/5/2012	56.48			65.15	3624.12	3567.64	-0.12
MW-19	2/19/2013	56.78			65.15	3624.12	3567.34	-0.30
MW-19	6/3/2013	56.95			65.15	3624.12	3567.17	-0.17
MW-19	9/10/2013	57.33			65.15	3624.12	3566.79	-0.38
MW-19D	9/6/2012	56.30			78.75	3623.79	3567.49	-0.21
MW-19D	12/5/2012	56.38			78.75	3623.79	3567.41	-0.08
MW-19D	2/19/2013	56.75			78.75	3623.79	3567.04	-0.37
MW-19D	6/3/2013	56.86			78.75	3623.79	3566.93	-0.11
MW-19D	9/10/2013	57.31			78.75	3623.79	3566.48	-0.45
MW-20	9/6/2012	53.91			60.80	3621.49	3567.58	-0.12
MW-20	12/5/2012	54.06			60.80	3621.49	3567.43	-0.15
MW-20	2/19/2013	54.36			60.80	3621.49	3567.13	-0.30
MW-20	6/3/2013	54.52			60.80	3621.49	3566.97	-0.16
MW-20	9/10/2013	54.94			60.80	3621.49	3566.55	-0.42
MW-21	9/6/2012	55.84			62.75	3624.25	3568.41	-0.17
MW-21	12/5/2012	55.96			62.75	3624.25	3568.29	-0.12
MW-21	2/19/2013	56.27			62.75	3624.25	3567.98	-0.31
MW-21	6/3/2013	56.47			62.75	3624.25	3567.78	-0.20
MW-21	9/10/2013	56.85			62.75	3624.25	3567.40	-0.38
MW-22	9/6/2012	57.37			62.00	3625.16	3567.79	-0.08
MW-22	12/5/2012	57.46			62.00	3625.16	3567.70	-0.09
MW-22	2/19/2013	57.80			62.00	3625.16	3567.36	-0.34
MW-22	6/3/2013	57.86			62.00	3625.16	3567.30	-0.06
MW-22	9/10/2013	58.37			62.00	3625.16	3566.79	-0.51
MW-23	9/6/2012	50.22			56.21	3621.16	3570.94	-0.12
MW-23	12/5/2012	50.36			56.21	3621.16	3570.80	-0.14
MW-23	2/19/2013	50.70			56.21	3621.16	3570.46	-0.34
MW-23	6/3/2013	50.91			56.21	3621.16	3570.25	-0.21
MW-23	9/10/2013	51.26			56.21	3621.16	3569.90	-0.35

TABLE 1
THIRD QUARTER 2013
SUMMARY OF GROUNDWATER ELEVATION DATA
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (1) (feet)	Depth to Product (1) (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (2) (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (feet amsl)	Change in Groundwater Elevation Since Previous Event (3) (feet)
MW-24	9/6/2012	48.35			56.77	3619.27	3570.92	-0.20
MW-24	12/5/2012	48.51			56.77	3619.27	3570.76	-0.16
MW-24	2/19/2013	48.77			56.77	3619.27	3570.50	-0.26
MW-24	6/3/2013	48.96			56.77	3619.27	3570.31	-0.19
MW-24	9/10/2013	49.36			56.77	3619.27	3569.91	-0.40
MW-25	9/6/2012	49.31			56.29	3619.73	3570.42	-0.20
MW-25	12/5/2012	49.44			56.29	3619.73	3570.29	-0.13
MW-25	2/19/2013	49.73			56.29	3619.73	3570.00	-0.29
MW-25	6/3/2013	49.95			56.29	3619.73	3569.78	-0.22
MW-25	9/10/2013	50.32			56.29	3619.73	3569.41	-0.37
TW-H	9/6/2012	NM			NM	3622.30	NM	NM
TW-H	12/5/2012	NM			NM	3622.30	NM	NM
TW-H	2/19/2013	NM			NM	3622.30	NM	NM
TW-H	6/3/2013	NM			NM	6322.30	NM	NM
TW-H	9/10/2013	NM			NM	6322.30	NM	NM
TW-K*	9/6/2012	62.10	56.90	5.20		3628.95	3570.75	-0.11
TW-K*	12/5/2012	62.07	57.07	5.00		3628.95	3570.63	-0.12
TW-K*	2/19/2013	62.10	57.38	4.72		3628.95	3570.39	-0.24
TW-K*	6/3/2013	62.14	57.41	4.73		3628.95	3570.36	-0.03
TW-K*	9/10/2013	62.19	58.15	4.04		3628.95	3569.79	-0.57
TW-N*	9/6/2012	59.27	54.71	4.56		3631.98	3576.13	-0.13
TW-N*	12/5/2012	59.14	54.92	4.22		3631.98	3576.01	-0.13
TW-N*	2/19/2013	59.21	55.15	4.06		3631.98	3575.82	-0.19
TW-N*	6/3/2013	59.28	55.20	4.08		3631.98	3575.76	-0.06
TW-N*	9/10/2013	59.24	55.69	3.55		3631.98	3575.40	-0.36
							Average change in groundwater elevation since the previous monitoring event	-0.34

Notes:

1- Depths measured from the north edge of the well casing.

2- Total depths were collected and recorded during the third quarter 2013 monitoring event. Total depths were not collected in wells that contained LNAPL.

3- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected during the most recent monitoring event.

4 - A remediation Spill Buster was installed during the second quarter 2013 at MW-10 resulting in increased LNAPL recovery and decreased thickness.

Data presented for all well locations includes previous four sampling events, when available. Historic groundwater analytical results for these locations may be found in Appendix B.

Sample locations are shown on Figure 2 and and a groundwater elevation contour map is shown on Figure 3.

amsl - feet above mean sea level.

TOC - top of casing.

NM - Not Measured.

* Groundwater elevation was corrected for product thickness using the following calculation:

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Density)

LNAPL density was assumed to be approximately 0.75 grams per cubic centimeter

TABLE 2
SECOND QUARTER 2013
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

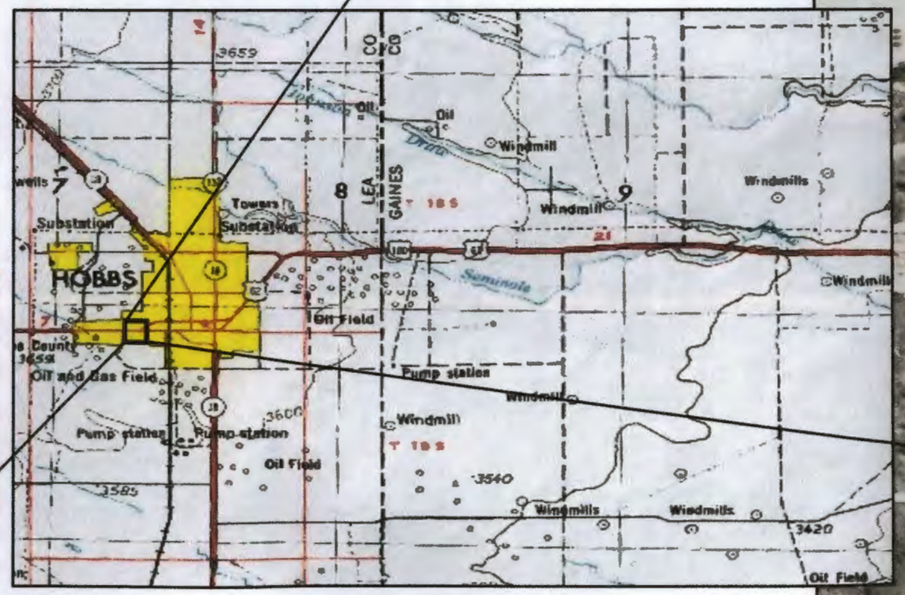
Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-3	9/6/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/5/2012	NS	NS	NS	NS	
MW-3	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	6/3/2013	NS	NS	NS	NS	
MW-3	9/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-5	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-5	12/5/2012	NS	NS	NS	NS	
MW-5	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	6/3/2013	NS	NS	NS	NS	
MW-5	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	12/5/2012	NS	NS	NS	NS	
MW-6	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	6/3/2013	NS	NS	NS	NS	
MW-6	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-7	9/6/2012	NS	NS	NS	NS	
MW-7	12/5/2012	NS	NS	NS	NS	
MW-7	2/19/2013	NS	NS	NS	NS	ufficient water for sample collecti
MW-7	6/3/2013	NS	NS	NS	NS	
MW-7	9/10/2013	NS	NS	NS	NS	ufficient water for sample collecti
MW-10	9/6/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	12/5/2012	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	2/19/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	6/3/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	9/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-14	9/6/2012	**0.105**	<0.002	0.0012	<0.003	
MW-14	12/5/2012	**0.129**	<0.002	0.00081	<0.003	
MW-14	2/19/2013	**0.0603**	<0.002	0.00084	<0.003	
MW-14	6/3/2013	**0.0461**	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	9/10/2013	**0.0959**	<0.002	0.0016	<0.003	Duplicate A sample collected
MW-15	9/6/2012	0.0033	<0.002	<0.002	<0.003	Duplicate 1 sample collected
MW-15	12/5/2012	0.0027	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	2/19/2013	0.0020	<0.002	<0.002	<0.003	Duplicate A sample collected
MW-15	6/3/2013	0.0019	<0.002	<0.002	<0.003	
MW-15	9/10/2013	0.0022	<0.002	<0.002	<0.003	
MW-16	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	9/10/2013	<0.001	<0.002	<0.002	<0.003	

TABLE 2
SECOND QUARTER 2013
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-19D	9/6/2012	0.00072	<0.002	<0.002	<0.003	Duplicate 2 sample collected
MW-19D	12/5/2012	0.0030	<0.002	0.00069	<0.003	
MW-19D	2/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	6/3/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	9/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-20	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-22	9/6/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/5/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	2/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	6/3/2013	0.0054	<0.002	0.0010	0.0046	
MW-22	9/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-23	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	9/10/2013	<0.001	<0.002	<0.002	<0.003	

Notes:
The environmental cleanup standards for groundwater that are applicable to this Site are the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards.
Data presented for all other well locations includes previous four sampling events, when available. Historic groundwater analytical results for these locations may be found in Appendix B.
Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.
Sample locations are shown on Figure 2 and analytical results are illustrated on Figure 4.
LNAPL = Light non aqueous phase liquid
NS = Not sampled.
mg/L = milligrams per liter.

Figures



DESIGNED BY: D. Wade DRAWN BY: D. Arnold SHEET CHK'D BY: CROSS CHK'D BY: APPROVED BY: APPROVED BY:	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221 303 487 1228	**DCP Midstream** **HOBBS BOOSTER STATION** *Units C and D, Section 4, Township 19 South, Range 38 East* *Lea County, New Mexico*	SITE LOCATION	FIGURE 1

DESIGNED BY: C. Wasko
DRAWN BY: D. Arnold
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY:
APPROVED BY:

TASMAN GEOSCIENCES
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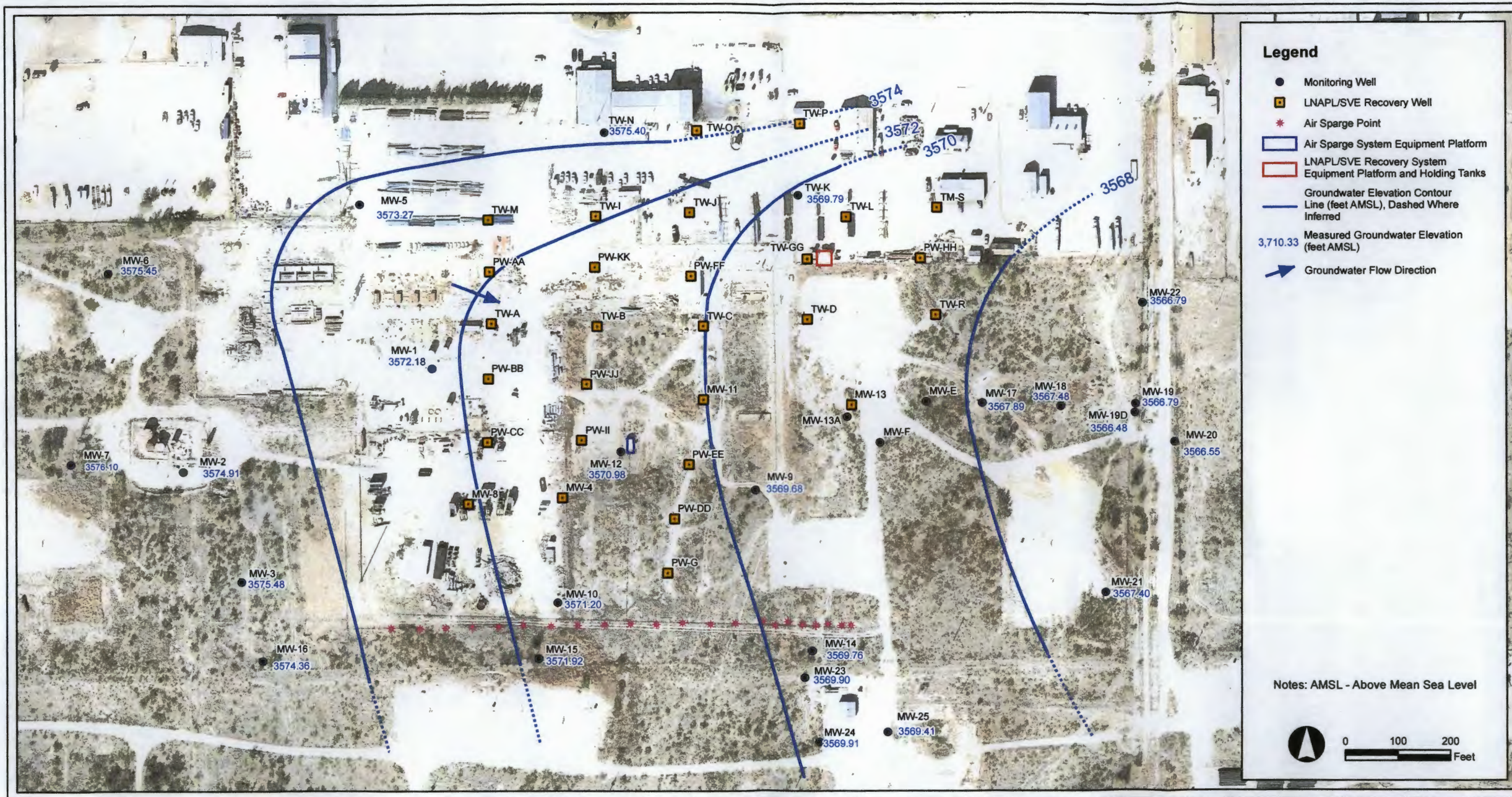
6899 Pecos Street - Unit C
Denver, CO 80221
303 487 1228

DCP Midstream
HOBBS BOOSTER STATION

Units C and D, Section 4, Township 19 South, Range 38 East
Lea County, New Mexico

SITE MAP

FIGURE
2



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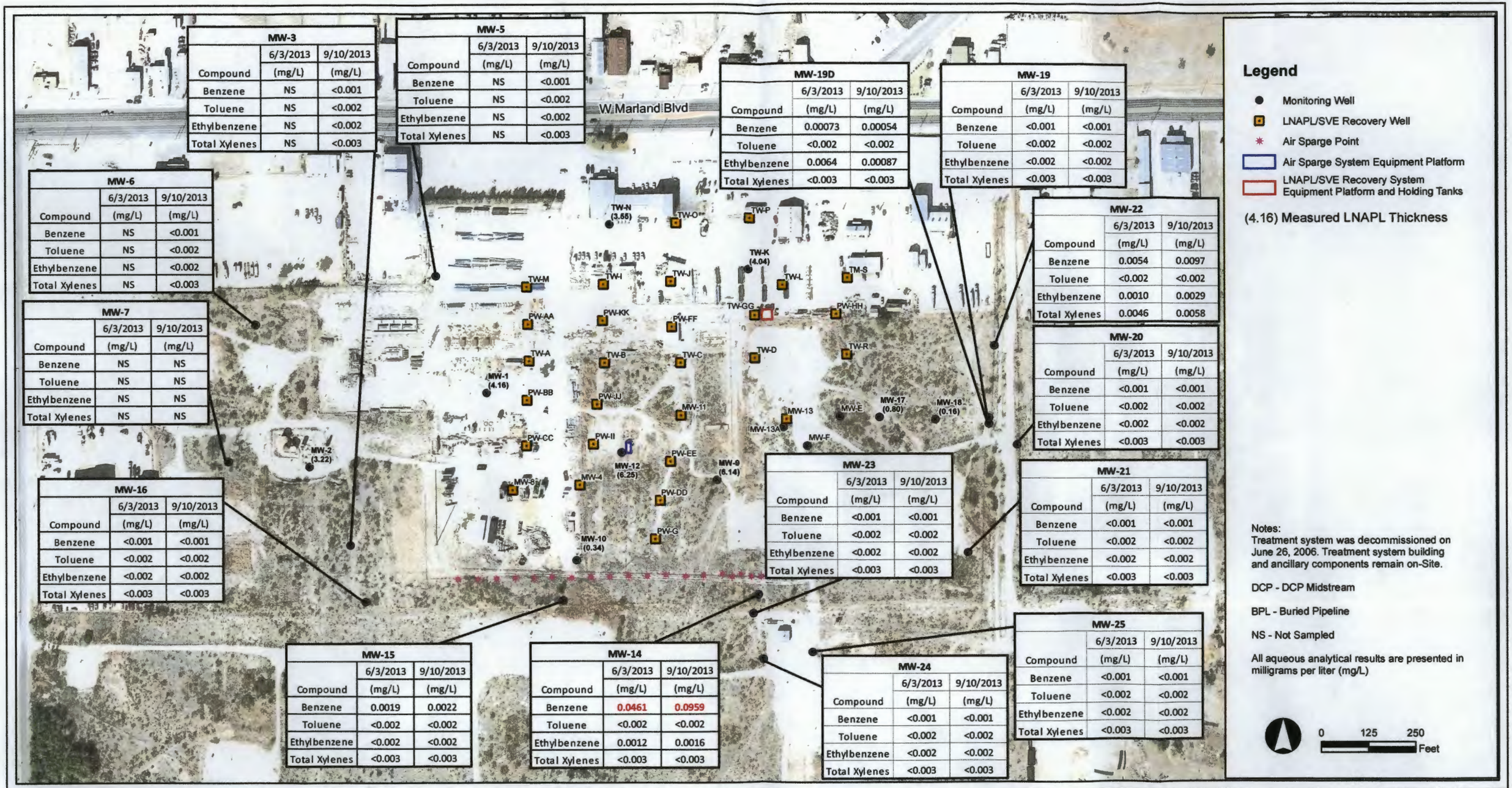
DCP Midstream
HOBBS BOOSTER STATION

Units C and D, Section 4, Township 19 South, Range 38 East
Lea County, New Mexico

GROUNDWATER ELEVATION CONTOUR MAP (SEPTEMBER 10, 2013)

FIGURE 3



MW-3

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	NS	<0.001
Toluene	NS	<0.002
Ethylbenzene	NS	<0.002
Total Xylenes	NS	<0.003

MW-5

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	NS	<0.001
Toluene	NS	<0.002
Ethylbenzene	NS	<0.002
Total Xylenes	NS	<0.003

MW-19D

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	0.00073	0.00054
Toluene	<0.002	<0.002
Ethylbenzene	0.0064	0.00087
Total Xylenes	<0.003	<0.003

MW-19

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-6

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	NS	<0.001
Toluene	NS	<0.002
Ethylbenzene	NS	<0.002
Total Xylenes	NS	<0.003

MW-22

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	0.0054	0.0097
Toluene	<0.002	<0.002
Ethylbenzene	0.0010	0.0029
Total Xylenes	0.0046	0.0058

MW-7

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	NS	NS
Toluene	NS	NS
Ethylbenzene	NS	NS
Total Xylenes	NS	NS

MW-20

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-23

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-21

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-16

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-15

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	0.0019	0.0022
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-14

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	0.0461	0.0959
Toluene	<0.002	<0.002
Ethylbenzene	0.0012	0.0016
Total Xylenes	<0.003	<0.003

MW-24

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

MW-25

Compound	6/3/2013 (mg/L)	9/10/2013 (mg/L)
Benzene	<0.001	<0.001
Toluene	<0.002	<0.002
Ethylbenzene	<0.002	<0.002
Total Xylenes	<0.003	<0.003

Legend

- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks
- (4.16) Measured LNAPL Thickness

Notes:
Treatment system was decommissioned on June 26, 2006. Treatment system building and ancillary components remain on-Site.

DCP - DCP Midstream

BPL - Buried Pipeline

NS - Not Sampled

All aqueous analytical results are presented in milligrams per liter (mg/L)

0 125 250 Feet

DESIGNED BY: C. Wasko
DRAWN BY: D. Arnold
SHEET CHK'D BY:
CROSS CHK'D BY:
APPROVED BY:
APPROVED BY:

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DCP Midstream
HOBBS BOOSTER STATION

Units C and D, Section 4, Township 19 South, Range 38 East
Lea County, New Mexico

ANALYTICAL RESULTS MAP
(SEPTEMBER 10, 2013)

FIGURE 4

Appendix A

Laboratory Analytical Report

Mountain States ACCUTEST LABORATORIES

09/18/13

Technical Report for

DCP Midstream, LP

TASMCOA:DCP Hobbs Booster Station

RC-GN00 Project-400128005

Accutest Job Number: D50384

Sampling Date: 09/10/13

Report to:

Tasman Geosciencec LLC
5690 Webster Street
Arvada, CO 80002
swweathers@dcpmidstream.com; cwasko@tasman-geo.com

ATTN: Christine Wasko

Total number of pages in report: **41**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Scott Heideman
Laboratory Director

Client Service contact: Shea Greiner 303-425-6021

Certifications: CO (CO00049), ID, NE (CO00049), ND (R-027), NJ (CO 0007), OK (D9942), UT (NELAP CO00049), TX (T104704511)

Sections: 1 2 3 4 5 6

Table of Contents

-1-

Sample Summary

DCP Midstream, LP

Job No: D50384

TASMCOA:DCP Hobbs Booster Station
Project No: RC-GN00 Project-400128005

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
D50384-1	09/10/13	08:40	CW	09/11/13	AQ	Ground Water	MW-3
D50384-2	09/10/13	09:20	CW	09/11/13	AQ	Ground Water	MW-5
D50384-3	09/10/13	09:10	CW	09/11/13	AQ	Ground Water	MW-6
D50384-4	09/10/13	07:55	CW	09/11/13	AQ	Ground Water	MW-14
D50384-5	09/10/13	08:05	CW	09/11/13	AQ	Ground Water	MW-15
D50384-6	09/10/13	08:30	CW	09/11/13	AQ	Ground Water	MW-16
D50384-6D	09/10/13	08:30	CW	09/11/13	AQ	Water Dup/MSD	MW-16
D50384-6M	09/10/13	08:30	CW	09/11/13	AQ	Water Matrix Spike	MW-16
D50384-7	09/10/13	09:50	CW	09/11/13	AQ	Ground Water	MW-19
D50384-8	09/10/13	10:05	CW	09/11/13	AQ	Ground Water	MW-19D
D50384-9	09/10/13	10:55	CW	09/11/13	AQ	Ground Water	MW-20
D50384-10	09/10/13	09:40	CW	09/11/13	AQ	Ground Water	MW-21
D50384-11	09/10/13	10:15	CW	09/11/13	AQ	Ground Water	MW-22

Sample Summary
(continued)

DCP Midstream, LP

Job No: D50384

TASMCOA:DCP Hobbs Booster Station
Project No: RC-GN00 Project-400128005

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D50384-12	09/10/13	07:45	CW	09/11/13	AQ	Ground Water	MW-23
D50384-13	09/10/13	07:40	CW	09/11/13	AQ	Ground Water	MW-24
D50384-14	09/10/13	07:35	CW	09/11/13	AQ	Ground Water	MW-25
D50384-15	09/10/13	08:30	CW	09/11/13	AQ	Ground Water	DUP A
D50384-16	09/10/13	00:00	CW	09/11/13	AQ	Ground Water	DUP B
D50384-17	09/10/13	11:00	CW	09/11/13	AQ	Trip Blank Water	TRIP BLANK

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	DCP Midstream, LP	**Job No**	D50384
Site:	TASMCOA:DCP Hobbs Booster Station	**Report Date**	9/18/2013 9:59:28 AM

On 09/11/2013, 16 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 1.8 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D50384 was assigned to the project. The lab sample ID, client sample ID, and date of sample collection are detailed in the report's Results Summary.

Specified quality control criteria were achieved for this job except as noted below. For more information, please refer to the analytical results and QC summary pages.

Volatiles by GCMS By Method SW846 8260B

Matrix AQ **Batch ID:** V6V1157

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D50384-6MS, D50384-6MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** V7V1245

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D50265-25MS, D50265-30DUP were used as the QC samples indicated.

Matrix AQ **Batch ID:** V7V1246

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D50265-20DUP, D50381-5MS were used as the QC samples indicated.

AMS certifies that data reported for samples received, listed on the associated custody chain or analytical task order, were produced to specifications meeting AMS's Quality System precision, accuracy and completeness objectives except as noted.

Estimated non-standard method measurement uncertainty data is available on request, based on quality control bias and implicit for standard methods. Acceptable uncertainty requires tested parameter quality control data to meet method criteria.

AMS is not responsible for data quality assumptions if partial reports are used and recommends that this report be used in its entirety. This report is authorized by AMS indicated via signature on the report cover.

Summary of Hits

Job Number: D50384
Account: DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station
Collected: 09/10/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D50384-1	**MW-3**					
Ethylbenzene		0.0023	0.0020	0.00025	mg/l	SW846 8260B
D50384-2	**MW-5**					
No hits reported in this sample.						
D50384-3	**MW-6**					
No hits reported in this sample.						
D50384-4	**MW-14**					
Benzene		0.0959	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0016 J	0.0020	0.00025	mg/l	SW846 8260B
D50384-5	**MW-15**					
Benzene		0.0022	0.0010	0.00025	mg/l	SW846 8260B
D50384-6	**MW-16**					
No hits reported in this sample.						
D50384-7	**MW-19**					
No hits reported in this sample.						
D50384-8	**MW-19D**					
Benzene		0.00054 J	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.00087 J	0.0020	0.00025	mg/l	SW846 8260B
D50384-9	**MW-20**					
No hits reported in this sample.						
D50384-10	**MW-21**					
No hits reported in this sample.						
D50384-11	**MW-22**					
Benzene		0.0097	0.0010	0.00025	mg/l	SW846 8260B

Summary of Hits

Job Number: D50384
Account: DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station
Collected: 09/10/13

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
Ethylbenzene		0.0029	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0058	0.0030	0.0020	mg/l	SW846 8260B
D50384-12	**MW-23**					
No hits reported in this sample.						
D50384-13	**MW-24**					
No hits reported in this sample.						
D50384-14	**MW-25**					
No hits reported in this sample.						
D50384-15	**DUP A**					
Benzene		0.0739	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0014 J	0.0020	0.00025	mg/l	SW846 8260B
D50384-16	**DUP B**					
Benzene		0.00050 J	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.00084 J	0.0020	0.00025	mg/l	SW846 8260B
D50384-17	**TRIP BLANK**					
No hits reported in this sample.						

Mountain States ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: MW-3
Lab Sample ID: D50384-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22618.D	1	09/13/13	JL	n/a	n/a	V7V1245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0023	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	91%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-5		
Lab Sample ID:	D50384-2	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22619.D	1	09/13/13	JL	n/a	n/a	V7V1245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	81%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-6
Lab Sample ID: D50384-3
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22620.D	1	09/13/13	JL	n/a	n/a	V7V1245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	110%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	83%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-14
Lab Sample ID: D50384-4
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22621.D	1	09/13/13	JL	n/a	n/a	V7V1245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0959	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0016	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	102%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	91%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-15
Lab Sample ID: D50384-5
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22622.D	1	09/13/13	JL	n/a	n/a	V7V1245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0022	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	88%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-16
Lab Sample ID: D50384-6
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V20870.D	1	09/14/13	BR	n/a	n/a	V6V1157
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	105%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	85%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-19
Lab Sample ID: D50384-7
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22623.D	1	09/13/13	JL	n/a	n/a	V7V1245
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		62-130%
2037-26-5	Toluene-D8	95%		70-130%
460-00-4	4-Bromofluorobenzene	81%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: MW-19D
Lab Sample ID: D50384-8
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 09/10/13
Date Received: 09/11/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22632.D	1	09/13/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00054	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00087	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	93%		62-130%
2037-26-5	Toluene-D8	99%		70-130%
460-00-4	4-Bromofluorobenzene	82%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-20		
Lab Sample ID:	D50384-9	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22633.D	1	09/13/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	84%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-21		
Lab Sample ID:	D50384-10	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22634.D	1	09/13/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	101%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	89%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-22		
Lab Sample ID:	D50384-11	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22635.D	1	09/13/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0097	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0029	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	0.0058	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	96%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	89%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-23		
Lab Sample ID:	D50384-12	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22636.D	1	09/13/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	90%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	92%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-24		
Lab Sample ID:	D50384-13	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22637.D	1	09/13/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	89%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	MW-25		
Lab Sample ID:	D50384-14	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22638.D	1	09/14/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	99%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	82%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP A		
Lab Sample ID:	D50384-15	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22639.D	1	09/14/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.0739	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0014	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	98%		62-130%
2037-26-5	Toluene-D8	105%		70-130%
460-00-4	4-Bromofluorobenzene	92%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	DUP B		
Lab Sample ID:	D50384-16	**Date Sampled:**	09/10/13
Matrix:	AQ - Ground Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22640.D	1	09/14/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	0.00050	0.0010	0.00025	mg/l	J
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00084	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	97%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	87%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TRIP BLANK		
Lab Sample ID:	D50384-17	**Date Sampled:**	09/10/13
Matrix:	AQ - Trip Blank Water	**Date Received:**	09/11/13
Method:	SW846 8260B	**Percent Solids:**	n/a
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	7V22641.D	1	09/14/13	JL	n/a	n/a	V7V1246
Run #2							

	Purge Volume
Run #1	5.0 ml
Run #2	

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	ND	0.0020	0.00025	mg/l	
1330-20-7	Xylene (total)	ND	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	106%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	86%		69-130%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Mountain States ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST LABORATORIES
4036 Youngfield Street, Wheat Ridge, CO 80033
TEL. 303-425-6021 FAX: 303-425-6854
www.accutest.com

FED-EX Tracking # | Bottle Order Control #
Accutest Quote # | Accutest Job # D50384

Client / Reporting Information

Company Name: Tasman Geosciences
Street Address: 6899 Pecos Street Unit C
City: Denver CO 80221
Project Contact: Christine Wasko cwasko@tasman-geo.com
Phone #: 720-409-8791
Sampler(s) Name(s): Christine Wasko

Project Information

Project Name: DCP HOBBS BOOSTER STATION
Street:
City: State:
Project #: RC - GN00 Project - 400128005
Client Purchase Order #:
Project Manager: Jim Dawe Jim@tasman-geo.com

Billing Information (if different from Report to)

Company Name: DCP Midstream
Street Address: PO Box 4870
City: Portland OR 97208-4870
Attention: Steve Weathers SWWeathers@dcpmidstream.com

Requested Analysis (see TEST CODE sheet)

Matrix Codes: DW - Drinking Water; GW - Ground Water; WW - Water; SW - Surface Water; SO - Soil; SL- Sludge; SED-Sediment; OI - Oil; LIQ - Other Liquid; AIR - Air; SOL - Other Solid; WP - Wipe; FB-Field Blank; EB-Equipment Blank; RB- Rinse Blank; TB-Trip Blank

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Collection Date	Collection Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	V8260BTX	MS/MSD for V8260BTX	LAB USE ONLY
	MW-3	N/A	9/10/13	840	CW	GW	3	3								X		01
	MW-5			920		GW	3	3								X		02
	MW-6			910		GW	3	3								X		03
	MW-7					GW	3	3								X	observation	—
	MW-14	N/A	9/10/13	755	CW	GW	3	3								X		04
	MW-15			805		GW	3	3								X		05
	MW-16			830		GW	3	3								X		06
	MW-19			950		GW	3	3								X		07
	MW-19D			1005		GW	3	3								X		08
	MW-20			1050		GW	3	3								X		09
	MW-21			940		GW	3	3								X		10
	MW-22			1015		GW	3	3								X		11

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [ ] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency
- [x] STD 5 business Days per contract

Emergency & Rush T/A data available VIA Labtink

Approved By (Accutest PM): / Date:

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [x] COMMBN
- [ ] COMMBN+
- [ ] State Forms Required
- [ ] Send Forms to State
- [ ] Report by Fax
- [x] Report by PDF
- [ ] EDD Format

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial BN = Results/QC/Narrative (+ = chromatograms)

Comments / Special Instructions

Email results to Steve Weathers
cc: CWasko@tasman-geo.com

Sample Custody must be documented below each time samples change possession, including courier delivery.

	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1		9/10/13 1550	1			9/11/13 1015
2	Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
3			3	4		4
5	Relinquished by:	Date Time:	Received By:	Custody Seal #	Intact / Not intact	Preserved where applicable / On Ice / Cooler Temp.
			5			1.8

CHAIN OF CUSTODY

ACCUTEST LABORATORIES

4036 Youngfield Street, Wheat Ridge, CO 80033
TEL. 303-425-6021 FAX: 303-425-6854
www.accutest.com

PAGE 2 OF 2

FED-EX Tracking #	Bottle Order Control #
Accutest Quote #	Accutest Job #

Client / Reporting Information

Company Name: Tasman Geosciences
Street Address: 6899 Pecos Street Unit C
City: Denver CO 80221
Project Contact: Christine Wasko cwasko@tasman-geo.com
Phone #: 720-2409-8791
Sampler(s) Name(s): Christine Wasko

Project Information

Project Name: DCP HOBBS BOOSTER STATION
Street:
City: State:
Project #: RC - GN00 Project - 400128005
Client Purchase Order #:
Project Manager: Jim Dawe jim@tasman-geo.com

Billing Information (If different from Report to)

Company Name: DCP Midstream
Street Address: PO Box 4870
City: Portland OR 97208-4870
Attention: Steve Weathers SWWeathers@dcpmidstream.com

Requested Analysis (see TEST CODE sheet)

Accutest Sample #	Field ID / Point of Collection	MEOH/DI Vial #	Date	Time	Sampled by	Matrix	# of bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	V8260BTX	MS/MSD for V8260BTX	LAB USE ONLY
	MW-23	N/A	9/10/13	745	[initials]	GW	3	3								X		12
	MW-24			740		GW	3	3								X		13
	MW-25			735		GW	3	3								X		14
	MS/MSD MW-16			830		GW	6	6									X	0G ms/sd
	DUP A		—	—		GW	3	3								X		15
	DUP B		—	—		GW	3	3								X		16
	Trip Blank		9/10/13	1100		AQ	2	2								X		17

Matrix Codes: DW - Drinking Water, GW - Ground Water, WW - Water, SW - Surface Water, SO - Soil, SL - Sludge, SED - Sediment, OI - Oil, LIQ - Other Liquid, AIR - Air, SOL - Other Solid, WP - Wipe, FB - Field Blank, EB - Equipment Blank, RB - Rinse Blank, TB - Trip Blank

[handwritten initials] 9/11/13

Turnaround Time (Business days)

- [ ] Std. 15 Business Days
- [ ] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency
- [x] STD 5 business Days per contract

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

Data Deliverable Information

- [ ] Commercial "A" (Level 1)
- [ ] Commercial "B" (Level 2)
- [x] COMMBN
- [ ] COMMBN+
- [ ] State Forms Required
- [ ] Send Forms to State
- [ ] Report by Fax
- [x] Report by PDF
- [ ] EDD Format

Commercial "A" = Results Only
Commercial "B" = Results + QC Summary
Commercial BN = Results/QC/Narrative (+ = chromatograms)

Comments / Special Instructions

Email results to Steve Weathers

Sample Custody must be documented below each time samples change possession, including courier delivery.

Relinquished by Sampler:	Date Time:	Received By:	Relinquished By:	Date Time:	Received By:
1 [signature]	9/10/13 1550	1 Fed Ex	2		2 [signature] 9/11/13 1015
Relinquished by Sampler: 3	Date Time:	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Date Time:	Received By: 5	Custody Seal #	☐ Intact ☐ Not intact	Preserved where applicable ☐ On Ice ☑ Cooler Temp. 1.8

Cond T...

5.1
5

D50384: Chain of Custody
Page 2 of 3

Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D50384 **Client:** TASMAN **Immediate Client Services Action Required:** No

Date / Time Received: 9/11/2013 10:10:00 AM **No. Coolers:** 1 **Client Service Action Required at Login:** No

Project: DCP HOBBS **Airbill #'s:** FX

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	Infared gun		
3. Cooler media:	Ice (bag)		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☑		☐	
2. Trip Blank listed on COC:	☑		☐	
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☑		☐	☐

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☑		☐

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume rec'd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments

Accutest Laboratories
V:(303) 425-6021

4036 Youngfield Street
F: (303) 425-6854

Wheat Ridge, CO
www/accutest.com

D50384: Chain of Custody
Page 3 of 3

Mountain States ACCUTEST LABORATORIES

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1245-MB	7V22605.D	1	09/13/13	JL	n/a	n/a	V7V1245

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-1, D50384-2, D50384-3, D50384-4, D50384-5, D50384-7

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	113%	62-130%
2037-26-5	Toluene-D8	106%	70-130%
460-00-4	4-Bromofluorobenzene	83%	69-130%

Method Blank Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1246-MB	7V22626.D	1	09/13/13	JL	n/a	n/a	V7V1246

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-8, D50384-9, D50384-10, D50384-11, D50384-12, D50384-13, D50384-14, D50384-15, D50384-16, D50384-17

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	99%	62-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	84%	69-130%

Method Blank Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1157-MB	6V20862.D	1	09/14/13	BR	n/a	n/a	V6V1157

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-6

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	1.0	0.25	ug/l	
100-41-4	Ethylbenzene	ND	2.0	0.25	ug/l	
108-88-3	Toluene	ND	2.0	1.0	ug/l	
1330-20-7	Xylene (total)	ND	3.0	2.0	ug/l	

CAS No.	Surrogate Recoveries		Limits
17060-07-0	1,2-Dichloroethane-D4	96%	62-130%
2037-26-5	Toluene-D8	110%	70-130%
460-00-4	4-Bromofluorobenzene	87%	69-130%

Blank Spike Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1245-BS	7V22606.D	1	09/13/13	JL	n/a	n/a	V7V1245

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-1, D50384-2, D50384-3, D50384-4, D50384-5, D50384-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	58.7	117	70-130
100-41-4	Ethylbenzene	50	57.2	114	70-130
108-88-3	Toluene	50	57.7	115	70-130
1330-20-7	Xylene (total)	150	168	112	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	112%	62-130%
2037-26-5	Toluene-D8	106%	70-130%
460-00-4	4-Bromofluorobenzene	103%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V7V1246-BS	7V22627.D	1	09/13/13	JL	n/a	n/a	V7V1246

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-8, D50384-9, D50384-10, D50384-11, D50384-12, D50384-13, D50384-14, D50384-15, D50384-16, D50384-17

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	53.9	108	70-130
100-41-4	Ethylbenzene	50	55.4	111	70-130
108-88-3	Toluene	50	53.9	108	70-130
1330-20-7	Xylene (total)	150	170	113	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	62-130%
2037-26-5	Toluene-D8	102%	70-130%
460-00-4	4-Bromofluorobenzene	101%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1157-BS	6V20863.D	1	09/14/13	BR	n/a	n/a	V6V1157

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	49.5	99	70-130
100-41-4	Ethylbenzene	50	56.9	114	70-130
108-88-3	Toluene	50	56.5	113	70-130
1330-20-7	Xylene (total)	150	171	114	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	62-130%
2037-26-5	Toluene-D8	108%	70-130%
460-00-4	4-Bromofluorobenzene	96%	69-130%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50265-25MS	7V22607.D	5	09/13/13	JL	n/a	n/a	V7V1245
D50265-25	7V22608.D	5	09/13/13	JL	n/a	n/a	V7V1245

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-1, D50384-2, D50384-3, D50384-4, D50384-5, D50384-7

CAS No.	Compound	D50265-25 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
71-43-2	Benzene	270		250	552	113	62-130
100-41-4	Ethylbenzene	ND		250	256	102	63-130
108-88-3	Toluene	ND		250	245	98	60-130
1330-20-7	Xylene (total)	ND		750	758	101	67-130

CAS No.	Surrogate Recoveries	MS	D50265-25	Limits
17060-07-0	1,2-Dichloroethane-D4	113%	107%	62-130%
2037-26-5	Toluene-D8	105%	105%	70-130%
460-00-4	4-Bromofluorobenzene	104%	85%	69-130%

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50381-5MS	7V22628.D	1	09/13/13	JL	n/a	n/a	V7V1246
D50381-5	7V22629.D	1	09/13/13	JL	n/a	n/a	V7V1246

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-8, D50384-9, D50384-10, D50384-11, D50384-12, D50384-13, D50384-14, D50384-15, D50384-16, D50384-17

CAS No.	Compound	D50381-5 ug/l	Q	Spike ug/l	MS ug/l	MS %	Limits
71-43-2	Benzene	ND		50	46.9	94	62-130
100-41-4	Ethylbenzene	ND		50	48.5	97	63-130
108-88-3	Toluene	ND		50	47.5	95	60-130
1330-20-7	Xylene (total)	ND		150	150	100	67-130

CAS No.	Surrogate Recoveries	MS	D50381-5	Limits
17060-07-0	1,2-Dichloroethane-D4	98%	94%	62-130%
2037-26-5	Toluene-D8	100%	100%	70-130%
460-00-4	4-Bromofluorobenzene	96%	82%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50384-6MS	6V20871.D	1	09/14/13	BR	n/a	n/a	V6V1157
D50384-6MSD	6V20872.D	1	09/14/13	BR	n/a	n/a	V6V1157
D50384-6	6V20870.D	1	09/14/13	BR	n/a	n/a	V6V1157

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-6

CAS No.	Compound	D50384-6 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	49.9	100	47.5	95	5	62-130/30
100-41-4	Ethylbenzene	ND		50	53.6	107	51.2	102	5	63-130/30
108-88-3	Toluene	ND		50	53.8	108	50.4	101	7	60-130/30
1330-20-7	Xylene (total)	ND		150	166	111	156	104	6	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D50384-6	Limits
17060-07-0	1,2-Dichloroethane-D4	104%	94%	105%	62-130%
2037-26-5	Toluene-D8	108%	106%	107%	70-130%
460-00-4	4-Bromofluorobenzene	97%	96%	85%	69-130%

* = Outside of Control Limits.

Duplicate Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50265-30DUP	7V22610.D	5	09/13/13	JL	n/a	n/a	V7V1245
D50265-30	7V22609.D	5	09/13/13	JL	n/a	n/a	V7V1245

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-1, D50384-2, D50384-3, D50384-4, D50384-5, D50384-7

CAS No.	Compound	D50265-30 ug/l	Q	DUP ug/l	Q	RPD	Limits
71-43-2	Benzene	295		330		11	30
100-41-4	Ethylbenzene	ND		ND		nc	30
108-88-3	Toluene	ND		ND		nc	30
1330-20-7	Xylene (total)	ND		ND		nc	30

CAS No.	Surrogate Recoveries	DUP	D50265-30	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	100%	62-130%
2037-26-5	Toluene-D8	107%	98%	70-130%
460-00-4	4-Bromofluorobenzene	85%	81%	69-130%

* = Outside of Control Limits.

Duplicate Summary

Job Number: D50384
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D50265-20DUP	7V22631.D	10	09/13/13	JL	n/a	n/a	V7V1246
D50265-20	7V22630.D	10	09/13/13	JL	n/a	n/a	V7V1246

The QC reported here applies to the following samples: **Method:** SW846 8260B

D50384-8, D50384-9, D50384-10, D50384-11, D50384-12, D50384-13, D50384-14, D50384-15, D50384-16, D50384-17

CAS No.	Compound	D50265-20 ug/l	Q	DUP ug/l	Q	RPD	Limits
71-43-2	Benzene	819		800		2	30
100-41-4	Ethylbenzene	ND		ND		nc	30
108-88-3	Toluene	ND		ND		nc	30
1330-20-7	Xylene (total)	ND		ND		nc	30

CAS No.	Surrogate Recoveries	DUP	D50265-20	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	94%	62-130%
2037-26-5	Toluene-D8	104%	102%	70-130%
460-00-4	4-Bromofluorobenzene	90%	83%	69-130%

* = Outside of Control Limits.

Appendix B

Historical Analytical Results

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-1	9/15/2005	**0.017**	<0.54	0.047	0.066	
MW-3	6/21/2006	0.0018	<0.54	0.14	0.089	
MW-3	9/21/2009	<0.00050	<0.00043	0.0123	0.0031	
MW-3	9/14/2005	0.0025	<0.54	0.24	0.17	
MW-3	6/27/2007	0.0012	<0.00054	0.207	0.0977	
MW-3	9/14/2010	<0.00030	<0.0010	0.0134	-	
MW-3	3/29/2011	NS	NS	NS	NS	
MW-3	9/16/2011	<0.001	<0.002	0.0246	0.0135	
MW-3	12/6/2011	NS	NS	NS	NS	
MW-3	3/9/2012	<0.001	<0.002	0.0019	<0.004	
MW-3	6/6/2012	NS	NS	NS	NS	
MW-3	9/6/2012	<0.001	<0.002	0.0022	0.0023	
MW-3	12/5/2012	NS	NS	NS	NS	
MW-3	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-3	6/3/2013	NS	NS	NS	NS	
MW-3	9/10/2013	<0.001	<0.002	0.0023	<0.003	
MW-5	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-5	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-5	6/27/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-5	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-5	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-5	3/29/2011	NS	NS	NS	NS	
MW-5	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-5	12/6/2011	NS	NS	NS	NS	
MW-5	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-5	6/6/2012	NS	NS	NS	NS	
MW-5	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-5	12/5/2012	NS	NS	NS	NS	
MW-5	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-5	6/3/2013	NS	NS	NS	NS	
MW-5	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-6	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-6	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-6	6/27/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-6	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-6	3/29/2011	NS	NS	NS	NS	
MW-6	9/16/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	12/6/2011	NS	NS	NS	NS	
MW-6	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	6/6/2012	NS	NS	NS	NS	
MW-6	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	12/5/2012	NS	NS	NS	NS	
MW-6	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	6/3/2013	NS	NS	NS	NS	
MW-6	9/10/2013	<0.001	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-7	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-7	6/27/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-7	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-7	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-7	9/29/2010	<0.00030	<0.0010	<0.00030	-	
MW-7	3/29/2011	NS	NS	NS	NS	
MW-7	9/16/2011	NS	NS	NS	NS	
MW-7	12/6/2011	NS	NS	NS	NS	
MW-7	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-7	6/6/2012	NS	NS	NS	NS	
MW-7	9/6/2012	NS	NS	NS	NS	
MW-7	12/5/2012	NS	NS	NS	NS	
MW-7	2/19/2013	NS	NS	NS	NS	ufficient water for sample collect
MW-7	6/3/2013	NS	NS	NS	NS	
MW-7	9/10/2013	NS	NS	NS	NS	ufficient water for sample collect
MW-10	6/21/2006	**0.62**	0.02	0.19	0.26	
MW-10	6/27/2007	**0.42**	0.0037	0.221	0.31	
MW-10	9/21/2009	**0.0813**	<0.0022	0.343	0.0115	
MW-10	9/14/2010	**0.123**	<0.0050	0.274	-	
MW-10	3/29/2011	NS	NS	NS	NS	
MW-10	9/16/2011	**0.213**	<0.01	0.135	<0.02	Duplicate sample collected
MW-10	12/6/2011	NS	NS	NS	NS	
MW-10	3/9/2012	NS	NS	NS	NS	
MW-10	6/6/2012	NS	NS	NS	NS	
MW-10	9/6/2012	NS	NS	NS	NS	
MW-10	12/5/2012	NS	NS	NS	NS	
MW-10	2/19/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	6/3/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	9/10/2013	LNAPL	LNAPL	LNAPL	LNAPL	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-14	3/29/2011	0.0901	0.0041	<0.002	<0.002	
MW-14	6/21/2011	0.187	<0.002	<.0043	<0.004	
MW-14	3/29/2011	<0.001	<0.002	0.0039	<0.002	
MW-14	6/21/2011	0.0048	<0.002	0.0012	<0.004	
MW-14	3/23/2005	**0.085**	<0.40	0.024	0.0043	
MW-14	3/28/2006	**0.022**	<0.54	0.0068	0.0026	
MW-14	6/21/2006	**0.014**	0.00095	0.005	0.0042	
MW-14	9/27/2006	**0.18**	0.013	0.015	0.026	
MW-14	12/20/2006	**0.5**	0.021	0.029	0.059	
MW-14	9/6/2007	**0.603**	0.00088	0.0194	0.0243	
MW-14	11/28/2007	**0.431**	<0.0027	0.0155	0.0075	
MW-14	3/6/2008	**0.627**	<0.0024	0.0372	0.0228	
MW-14	12/2/2008	**0.38**	<0.00048	0.0172	<0.0014	
MW-14	3/9/2009	**0.341**	<0.00048	0.017	<0.0014	
MW-14	5/26/2009	**0.285**	<0.0024	0.0104	<0.0068	
MW-14	9/21/2009	**0.205**	<0.00043	0.008	<0.0017	
MW-14	12/20/2009	**0.165**	<0.00043	0.0037	<0.0017	
MW-14	6/8/2005	**0.48**	0.0041	0.073	0.013	
MW-14	9/14/2005	**0.077**	<0.54	0.0088	<2.0	
MW-14	12/13/2005	**0.045**	<0.54	0.0099	0.003	
MW-14	3/29/2007	**0.881**	0.0116	0.0368	0.0809	
MW-14	6/27/2007	**1.11**	0.0112	0.0421	0.104	
MW-14	9/14/2010	**0.11**	<0.0010	0.0024	-	
MW-14	3/9/2010	<0.40	<1.0	<1.0	-	
MW-14	6/14/2010	**0.081**	<1.0	0.0017	-	
MW-14	12/7/2010	**0.118**	<0.0010	0.002	-	
MW-14	3/29/2011	**0.0901**	<0.0010	0.0041	0.0011	
MW-14	3/29/2011	0.0901	0.0041	<0.002	<0.002	
MW-14	6/21/2011	**0.187**	<0.0010	0.0043	<0.0020	
MW-14	6/21/2011	0.187	<0.002	<.0043	<0.004	
MW-14	9/15/2011	**0.15**	<0.002	0.0024	<0.004	
MW-14	12/6/2011	**0.0787**	<0.002	0.0017	<0.004	Duplicate sample collected
MW-14	3/9/2012	**0.0523**	<0.002	0.00066	<0.004	
MW-14	6/6/2012	**0.0335**	<0.002	0.00064	<0.003	
MW-14	9/6/2012	**0.105**	<0.002	0.0012	<0.003	
MW-14	12/5/2012	**0.129**	<0.002	0.00081	<0.003	
MW-14	2/19/2013	**0.0603**	<0.002	0.00084	<0.003	
MW-14	6/3/2013	**0.0461**	<0.002	0.0012	<0.003	Duplicate sample collected
MW-14	9/10/2013	**0.0959**	<0.002	0.0016	<0.003	Duplicate A sample collected

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-15	3/23/2005	<0.40	<0.40	<0.40	<0.80	
MW-15	6/8/2005	<0.40	0.0048	0.0034	<0.80	
MW-15	9/14/2005	<0.47	<0.54	0.0022	<2.0	
MW-15	12/13/2005	<0.47	<0.54	<0.48	<2.0	
MW-15	3/28/2006	<0.23	<0.54	0.0049	<1.1	
MW-15	6/21/2006	<0.23	<0.54	0.02	0.0038	
MW-15	9/27/2006	0.002	<0.54	<0.48	<1.1	
MW-15	12/20/2006	<0.23	<0.54	<0.48	<1.1	
MW-15	3/29/2007	0.0012	<0.00054	0.0045	<0.0011	
MW-15	6/27/2007	0.00042	<0.00054	0.0014	<0.0011	
MW-15	9/6/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-15	11/28/2007	<0.0012	<0.0027	<0.0024	<0.0055	
MW-15	3/6/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-15	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-15	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-15	5/26/2009	0.0024	<0.00048	0.0413	<0.0014	
MW-15	9/21/2009	0.0033	<0.00043	0.0501	<0.0017	
MW-15	12/20/2009	0.00093	<0.00043	0.0137	<0.0017	
MW-15	9/14/2010	0.00075	<0.0010	0.0015	-	
MW-15	3/9/2010	0.0041	<1.0	0.099	-	
MW-15	6/14/2010	0.0055	<1.0	0.16	-	
MW-15	12/7/2010	<0.00030	<0.0010	0.0011	-	
MW-15	3/29/2011	0.00035	<0.0010	0.0039	0.0012	
MW-15	3/29/2011	<0.001	<0.002	0.0039	<0.002	
MW-15	6/21/2011	0.0048	<0.0010	0.0012	<0.0020	
MW-15	6/21/2011	0.0048	<0.002	0.0012	<0.004	
MW-15	9/15/2011	0.0054	<0.002	0.0124	<0.004	
MW-15	12/6/2011	0.0053	<0.002	0.0106	<0.004	
MW-15	3/9/2012	0.0059	<0.002	0.0097	<0.004	Duplicate-1 sample collected
MW-15	6/6/2012	0.0041	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	9/6/2012	0.0033	<0.002	<0.002	<0.003	Duplicate-1 sample collected
MW-15	12/5/2012	0.0027	<0.002	<0.002	<0.003	Duplicate sample collected
MW-15	2/19/2013	0.0020	<0.002	<0.002	<0.003	Duplicate A sample collected
MW-15	6/3/2013	0.0019	<0.002	<0.002	<0.003	
MW-15	9/10/2013	0.0022	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-16	3/23/2005	<0.40	<0.40	<0.40	<0.80	
MW-16	3/28/2006	<0.23	<0.54	<0.48	<1.1	
MW-16	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-16	9/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-16	12/20/2006	<0.23	<0.54	<0.48	<1.1	
MW-16	9/6/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-16	11/28/2007	<0.0012	<0.0027	<0.0024	<0.0055	
MW-16	3/6/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-16	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-16	6/8/2005	<0.40	0.013	<0.40	<0.80	
MW-16	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-16	12/13/2005	<0.47	<0.54	<0.48	<2.0	
MW-16	3/29/2007	0.00043	<0.00054	<0.00048	<0.0011	
MW-16	6/27/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-16	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-16	3/9/2010	**0.15**	<1.0	0.0028	-	
MW-16	6/14/2010	<0.30	<1.0	<0.30	-	
MW-16	12/7/2010	<0.00030	<0.0010	<0.00030	-	
MW-16	3/29/2011	<0.00030	<0.0010	<0.00030	0.0012	
MW-16	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-16	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-18	6/21/2006	**0.013**	0.0017	0.031	0.023	
MW-18	12/2/2008	**0.0216**	<0.00048	0.0221	0.0183	
MW-18	9/21/2009	**0.0445**	0.0026	0.0297	0.0264	
MW-18	6/27/2007	**0.0214**	0.0016	0.0475	0.0178	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-19	3/23/2005	0.0019	<0.40	<0.40	<0.80	
MW-19	3/28/2006	<0.23	<0.54	<0.48	<1.1	
MW-19	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-19	12/20/2006	0.0007	<0.54	<0.48	<1.1	
MW-19	9/6/2007	0.00053	<0.00054	<0.00048	<0.0011	
MW-19	11/28/2007	0.00054	<0.00054	<0.00048	<0.0011	
MW-19	3/6/2008	0.00054	<0.00048	<0.00045	<0.0014	
MW-19	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-19	6/8/2005	0.0012	0.00072	<0.40	<0.80	
MW-19	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-19	12/13/2005	<0.47	<0.54	<0.48	<2.0	
MW-19	3/29/2007	0.00075	<0.00054	<0.00048	<0.0011	
MW-19	6/27/2007	0.00071	<0.00054	<0.00048	<0.0011	
MW-19	9/14/2010	0.00036	<0.0010	<0.00030	-	
MW-19	3/9/2010	0.00051	<1.0	<1.0	-	
MW-19	6/14/2010	<0.30	<1.0	<0.30	-	
MW-19	12/7/2010	<0.00030	<0.0010	0.00068	-	
MW-19	3/29/2011	<0.00030	<0.0010	<0.00030	0.0008	
MW-19	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-19	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-19	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	9/10/2013	<0.001	<0.002	<0.002	<0.003	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-19D	6/21/2006	0.0011	<0.54	<0.48	<1.1	
MW-19D	3/23/2005	0.00073	<0.40	<0.40	<0.80	
MW-19D	3/28/2006	<0.23	<0.54	<0.48	<1.1	
MW-19D	9/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-19D	12/20/2006	0.0018	<0.54	0.00074	<1.1	
MW-19D	9/6/2007	0.00072	<0.00054	<0.00048	<0.0011	
MW-19D	11/28/2007	0.00093	<0.00054	<0.00048	<0.0011	
MW-19D	3/6/2008	0.001	<0.00048	<0.00045	<0.0014	
MW-19D	12/2/2008	0.0016	<0.00048	<0.00045	<0.0014	
MW-19D	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-19D	5/26/2009	0.00074	<0.00048	<0.00045	<0.0014	
MW-19D	9/21/2009	0.0011	<0.00043	<0.00055	<0.0017	
MW-19D	12/20/2009	0.0009	<0.00043	<0.00055	<0.0017	
MW-19D	6/8/2005	0.0011	0.0012	<0.40	<0.80	
MW-19D	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-19D	3/29/2007	0.0007	<0.00054	<0.00048	<0.0011	
MW-19D	6/27/2007	0.00074	<0.00054	<0.00048	<0.0011	
MW-19D	12/13/2005	<0.47	<0.54	<0.48	<2.0	
MW-19D	9/14/2010	0.00086	<0.0010	<0.00030	-	
MW-19D	3/9/2010	0.0009	<1.0	<1.0	-	
MW-19D	6/14/2010	0.00037	<1.0	<0.30	-	
MW-19D	12/7/2010	0.00085	<0.0010	<0.00030	-	
MW-19D	3/29/2011	0.00091	<0.0010	<0.00030	0.00074	
MW-19D	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	6/21/2011	0.00056	<0.0010	<0.00050	<0.0020	
MW-19D	6/21/2011	.0006 J	<0.002	<0.002	<0.004	
MW-19D	9/15/2011	0.0014	<0.002	<0.002	<0.004	
MW-19D	12/6/2011	0.0015	<0.002	<0.002	<0.004	
MW-19D	3/9/2012	0.0015	<0.002	<0.002	<0.004	Duplicate-2 sample collected
MW-19D	6/6/2012	0.00079	<0.002	<0.002	<0.003	
MW-19D	9/6/2012	0.00072	<0.002	<0.002	<0.003	Duplicate-2 sample collected
MW-19D	12/5/2012	0.0030	<0.002	0.00069	<0.003	
MW-19D	2/19/2013	0.0086	<0.002	0.0045	<0.003	Duplicate B sample collected
MW-19D	6/3/2013	0.00073	<0.002	0.0064	<0.003	
MW-19D	9/10/2013	0.00054	<0.002	0.00087	<0.003	Duplicate B sample collected
MW-19S	9/27/2006	<0.23	<0.54	<0.48	<1.1	

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HOBBS BOOSTER STATION
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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-20	3/23/2005	<0.40	<0.40	<0.40	<0.80	
MW-20	3/28/2006	<0.23	<0.54	<0.48	<1.1	
MW-20	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-20	9/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-20	12/20/2006	0.00028	<0.54	<0.48	<1.1	
MW-20	9/6/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	11/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	3/6/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-20	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-20	6/8/2005	<0.40	<0.40	<0.40	<0.80	
MW-20	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-20	12/13/2005	<0.47	<0.54	<0.48	<2.0	
MW-20	3/29/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-20	6/27/2007	0.00033	<0.00054	<0.00048	<0.0011	
MW-20	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-20	3/9/2010	<0.40	<1.0	<1.0	-	
MW-20	6/14/2010	<0.30	<1.0	<0.30	-	
MW-20	12/7/2010	<0.00030	<0.0010	<0.00030	-	
MW-20	3/29/2011	<0.00030	<0.0010	<0.00030	0.0006	
MW-20	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-20	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-20	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	3/9/2012	0.00033	<0.002	<0.002	<0.004	
MW-20	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-20	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	9/10/2013	<0.001	<0.002	<0.002	<0.003	

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SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-21	3/23/2005	<0.40	<0.40	<0.40	<0.80	
MW-21	3/28/2006	<0.23	<0.54	<0.48	<1.1	
MW-21	6/21/2006	<0.23	<0.54	<0.48	<1.1	
MW-21	9/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-21	12/20/2006	<0.23	<0.54	<0.48	<1.1	
MW-21	9/6/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-21	11/28/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-21	3/6/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-21	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-21	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-21	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-21	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-21	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-21	6/8/2005	<0.40	<0.40	<0.40	<0.80	
MW-21	9/14/2005	<0.47	<0.54	<0.48	<2.0	
MW-21	12/13/2005	<0.47	<0.54	<0.48	<2.0	
MW-21	3/29/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-21	6/27/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-21	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-21	3/9/2010	<0.40	<1.0	<1.0	-	
MW-21	6/14/2010	<0.30	<1.0	<0.30	-	
MW-21	12/7/2010	<0.00030	<0.0010	<0.00030	-	
MW-21	3/29/2011	<0.00030	<0.0010	<0.00030	0.00076	
MW-21	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-21	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-21	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-21	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-21	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-21	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	9/10/2013	<0.001	<0.002	<0.002	<0.003	

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-22	3/23/2005	0.0013	<0.40	<0.40	<0.80	
MW-22	6/8/2005	<0.40	0.0025	0.00073	0.0021	
MW-22	9/14/2005	0.0066	<0.54	<0.48	<2.0	
MW-22	12/13/2005	0.0059	<0.54	<0.48	<2.0	
MW-22	3/28/2006	0.006	<0.54	<0.48	<1.1	
MW-22	6/21/2006	0.0034	<0.54	0.00054	<1.1	
MW-22	9/27/2006	<0.23	<0.54	<0.48	<1.1	
MW-22	12/20/2006	0.00089	<0.54	<0.48	<1.1	
MW-22	3/29/2007	0.00067	<0.00054	<0.00048	<0.0011	
MW-22	6/27/2007	0.00076	<0.00054	<0.00048	<0.0011	
MW-22	9/6/2007	<0.00023	<0.00054	<0.00048	<0.0011	
MW-22	11/28/2007	0.001	<0.00054	<0.00048	<0.0011	
MW-22	3/6/2008	0.0015	<0.00048	<0.00045	<0.0014	
MW-22	12/2/2008	0.0064	<0.00048	<0.00045	<0.0014	
MW-22	3/9/2009	0.0048	<0.00048	<0.00045	0.0043	
MW-22	5/26/2009	0.0046	<0.00048	0.00069	0.002	
MW-22	9/21/2009	0.0026	<0.00043	<0.00055	<0.0017	
MW-22	12/20/2009	0.0028	<0.00043	<0.00055	<0.0017	
MW-22	3/29/2011	0.0034	<0.002	<0.002	0.0022	
MW-22	6/21/2011	0.0041	<0.002	.0005 J	<0.004	
MW-22	9/15/2011	0.0037	<0.002	<0.002	<0.004	
MW-22	12/6/2011	0.0028	<0.002	<0.002	<0.004	
MW-22	3/9/2012	0.0034	<0.002	0.00046	<0.004	
MW-22	6/6/2012	0.0031	<0.002	0.00045	<0.003	
MW-22	9/6/2012	0.0021	<0.002	<0.002	<0.003	
MW-22	12/5/2012	0.0033	<0.002	0.00055	0.0031	
MW-22	2/19/2013	0.0046	<0.002	0.0011	0.0043	
MW-22	6/3/2013	0.0054	<0.002	0.0010	0.0046	
MW-22	9/10/2013	0.0097	<0.002	0.0029	0.0058	
MW-23	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-23	3/9/2009	0.00049	<0.00048	<0.00045	<0.0014	
MW-23	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-23	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-23	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-23	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-23	3/9/2010	<0.40	<1.0	<1.0	-	
MW-23	6/14/2010	<0.30	<1.0	<0.30	-	
MW-23	12/7/2010	<0.00030	<0.0010	<0.00030	-	
MW-23	3/29/2011	<0.00030	<0.0010	<0.00030	0.00063	
MW-23	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-23	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-23	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-23	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-23	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-23	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	9/10/2013	<0.001	<0.002	<0.002	<0.003	

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-24	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-24	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-24	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-24	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-24	3/9/2010	<0.40	<1.0	<1.0	-	
MW-24	6/14/2010	<0.30	<1.0	<0.30	-	
MW-24	12/7/2010	<0.00030	<0.0010	<0.00030	-	
MW-24	3/29/2011	<0.00030	<0.0010	<0.00030	<0.00060	
MW-24	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-24	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-24	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	9/10/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	12/2/2008	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	3/9/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	5/26/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-25	9/21/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-25	12/20/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-25	9/14/2010	<0.00030	<0.0010	<0.00030	-	
MW-25	3/9/2010	<0.40	<1.0	<1.0	-	
MW-25	6/14/2010	<0.30	<1.0	<0.30	-	
MW-25	12/7/2010	<0.00030	<0.0010	<0.00030	-	
MW-25	3/29/2011	<0.00030	<0.0010	<0.00030	0.00099	
MW-25	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	6/21/2011	<0.00025	<0.0010	<0.00050	<0.0020	
MW-25	6/21/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	9/15/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	12/6/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	3/9/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	6/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	12/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	6/3/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	9/10/2013	<0.001	<0.002	<0.002	<0.003	

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-A	6/25/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-A	9/1/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	11/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	3/25/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	6/8/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	9/21/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	12/16/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	3/11/2011	<0.00050	<0.00043	<0.00055	<0.0017	
MW-A	6/14/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-A	9/27/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-A	12/13/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-A	6/19/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-A	3/27/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-B	6/25/2009	**1.49**	0.27	0.411	**2.75**	
MW-B	9/1/2009	**1.42**	0.195	0.38	**2.93**	
MW-B	11/17/2009	**0.199**	0.0029	0.0685	0.159	
MW-B	3/25/2010	**0.199**	0.0078	0.112	0.375	
MW-B	6/8/2010	**0.438**	0.0202	0.161	**0.836**	
MW-B	9/21/2010	**0.572**	0.0217	0.167	**0.885**	
MW-B	12/16/2010	**0.154**	0.0146	0.0528	0.239	
MW-B	3/11/2011	**0.36**	0.0199	0.175	**0.742**	
MW-B	6/14/2011	**0.295**	0.0092	0.135	0.584	
MW-B	9/27/2011	**0.225**	0.0008	0.147	0.464	
MW-B	12/13/2011	**0.357**	0.01	0.157	0.581	
MW-C	6/25/2009	**0.0543**	0.00072	0.0119	0.053	
MW-C	9/1/2009	**0.0828**	0.0013	0.0231	0.132	
MW-C	11/17/2009	**0.03**	<0.00043	0.0093	0.053	
MW-C	3/25/2010	**0.0482**	0.003	0.0169	0.141	
MW-C	6/8/2010	**0.0204**	0.0011	0.0085	0.0523	
MW-C	9/21/2010	**0.124**	0.0031	0.0504	0.276	
MW-C	12/16/2010	**0.0107**	0.00059	0.0051	0.0252	
MW-C	3/11/2011	**0.0958**	0.0057	0.0424	0.235	
MW-C	6/14/2011	**0.066**	0.0028	0.0298	0.145	
MW-C	9/27/2011	**0.0403**	0.00073	0.0199	0.0944	
MW-C	12/13/2011	**0.112**	0.0043	0.0298	0.2	
MW-C	6/19/2012	**0.0668**	0.0019	0.0201	0.135	
MW-C	3/27/2012	**0.037**	0.0012	0.0114	0.0758	

APPENDIX B
HISTORICAL DATA
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
HOBBS BOOSTER STATION
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
New Mexico Water Quality Control Commission Groundwater Standards (mg/L)		**0.01**	**0.75**	**0.75**	**0.62**	
MW-D	6/25/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-D	9/1/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	11/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	3/25/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	6/8/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	9/21/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	12/16/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	3/11/2011	<0.00050	<0.00043	<0.00055	<0.0017	
MW-D	6/14/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-D	9/27/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-D	12/13/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-D	6/19/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-D	3/27/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-F	6/25/2009	<0.00046	<0.00048	<0.00045	<0.0014	
MW-F	9/1/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	11/17/2009	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	3/25/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	6/8/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	9/21/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	12/16/2010	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	3/11/2011	<0.00050	<0.00043	<0.00055	<0.0017	
MW-F	6/14/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-F	9/27/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-F	12/13/2011	<0.00025	<0.00026	<0.00025	<0.00071	
MW-F	6/19/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-F	3/27/2012	<0.00025	<0.00026	<0.00025	<0.00071	
SP-1	3/19/2008	0.00075	<0.00048	<0.00045	<0.0014	
SP-2	3/19/2008	0.0042	0.005	<0.00045	<0.0014	
SP-3	3/19/2008	0.0012	0.0015	<0.00045	<0.0014	

Notes:

1.) The environmental cleanup standards for groundwater that are applicable to this Site are the New Mexico Water Quality Control Commission (NMWQCC)

2.) Data presented for all other well locations includes previous four sampling events, when available. Historic groundwater analytical results for these locations may be

Bold red values indicate an exceedance of the NMWQCC groundwater standards for the Site.

Sample locations are shown on Figure 2 and analytical results are illustrated on Figure 4.

LNAPL = Light Non-Aqueous Phase Liquid

NS = Not sampled.

mg/L = milligrams per liter.