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May 28, 2014

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

RE: 1st Quarter 2014 Groundwater Monitoring Results
Hobbs Booster Station, Lea County New Mexico ([redacted])
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 1st Quarter 2014 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

First Quarter 2014 Groundwater Monitoring and Activities Summary Report

Hobbs Booster Station
Lea County, New Mexico
AP-114

Prepared for:

370 17th St., Suite 2500
Denver, CO 80202

Prepared by:

6899 Pecos Street, Unit C
Denver, Colorado 80221

May 16, 2014

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1. Introduction

This report summarizes the remediation system activities and results of groundwater monitoring activities conducted during the first quarter 2014, at the Hobbs Booster Station (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results collected on February 27, 2014 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 approximately 32.414 degrees north and 103.092 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 24 groundwater monitoring wells, which are illustrated in Figure 2. Twenty-one 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 a groundwater air sparge curtain 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 first quarter 2014 monitoring event on February 27, 2014. Monitoring activities included Site-wide groundwater gauging, LNAPL measurements, groundwater purging and sampling, and subsequent packaging and shipping of the samples for laboratory analysis. 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. During the first

quarter 2014 monitoring event groundwater and LNAPL levels, where present, were measured at 23 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 and LNAPL elevations collected during the reporting period as well as historic elevations are presented in Table 1. A first quarter 2014 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site trends to the east. Groundwater elevations ranges, average elevation changes from previous monitoring events, and calculated hydraulic gradients at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

	First Quarter 2014 (2/27/14)
Maximum Elevation (Well ID)	3575.90 (MW-7)
Minimum Elevation (Well ID)	3566.20 (MW-20)
Average Change from Previous Monitoring Event – All Wells	-0.16 foot
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0046 (MW-7 to MW-20)

LNAPL was detected in eight of the measured groundwater monitoring wells with thicknesses ranging between 0.14-feet in MW-18 to 6.02-feet in MW-9. MW-12 was not measured during this event due to spill buster installation at this well. Calculated groundwater elevation data in these wells were corrected to account for LNAPL thickness.

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected from monitoring wells that did not contain measurable LNAPL. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) was then purged 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 degrees Celsius (^{0}C) for transportation to the laboratory. 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 11 monitoring wells during the first quarter 2014 monitoring event on February 27, 2013. Additional monitoring wells were not sampled during the first quarter 2014 event due to the presence of LNAPL and/or because they are schedule for annual sampling. These wells are reflected on Table 1.

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 February 27, 2014 event. Analytical results are also displayed in Figure 4. Historic analytical results up to and including the February 2014 event are contained in Appendix A and the laboratory analytical report is included in Appendix B.

Analytical results indicate that BTEX concentrations were below laboratory detection limits in 9 of the total 11 sampled wells. Detections were noted in MW-14 and MW-22 (as displayed on Figure 4), including benzene concentrations of 0.1050 mg/l (0.117 mg/l duplicate) and 0.0122 mg/l, respectively.

3.3 Data Quality Assurance / Quality Control

A matrix spike / matrix spike duplicate (MS/MSD) and a field duplicate sample (MW-14) 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 with no headspace. All data were reported using the correct method number and reporting units. QA/QC items of note for the first quarter 2014 include the following:

- A trip blank was not indicated on the laboratory data report or the sample log. Tasman has coordinated with the laboratory to prevent further oversight of trip blanks submitted.
- The field duplicate, collected at MW-14 indicated a Relative Percentage Difference (RPD) of 11% for benzene, which is within the typical target range.

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

4. Remediation System Performance

This section includes a description of the active remediation system at the Site along with observations and modifications to the system components during the first quarter 2014. An evaluation of system performance is also provided based on collected information.

4.1 Remediation System Layout

The array of remediation wells and other infrastructure at the Site is referred to herein as the System. The System consists of 28 extraction wells, 22 Air Sparge (AS) wells, two (2) Soil Vapor Extraction (SVE) blowers, an AS blower, and ancillary piping and conveyance lines, as displayed on Figure 2.

The extraction wells, which are currently used for LNAPL recovery, are aligned along several north-south "legs." The AS wells are aligned east-west along the southern portion of the property to create an

approximately 870-foot long "sparge curtain" intended to volatilize dissolved-phase constituents that enter the treatment zone.

Overall, the System covers an approximate 1,000-foot (east-west) by 800-foot (north-south) area, or approximately 18-acres.

4.2 Vacuum-Enhanced Extraction Observations

As referenced within the previous monitoring report, the SVE infrastructure at the Site was utilized to induce a minor vacuum upon the "Leg #2" extraction wells TW-O, TW-J, PW-FF, TW-C, MW-11, PW-EE, PW-DD, and PW-G. Vacuum was initiated on December 4, 2013 to evaluate the potential increase in NAPL recovery (using Spill Buster pumps) with the applied vacuum as opposed to without. Observations collected during the first quarter 2014 related to vacuum application at these wells include:

- The Spill Buster pumps use an automatic pump reel, and therefore it is not feasible to create a complete seal at the wellheads without obstructing the pump movement. The use of fernco-type fittings, however, allowed a minor vacuum to be applied to the subsurface.
- The SVE system operated continuously during the first quarter 2014 on Leg #2, with no downtime.
- Vacuum will continue to be selectively applied to the subsurface as described in the Recommendations section.

Given the short duration of vacuum application on Leg #2, a full evaluation of the performance of these efforts could not be conducted for the first quarter 2014. Continued monitoring and evaluation will be conducted during subsequent quarterly events.

4.3 LNAPL Recovery System Performance Evaluation

The LNAPL Recovery portion of the System includes 28 Magnum Spill Buster units (manufactured by Clean Earth Technology) which are installed at wells within the extraction well network. The full scale system has been operational since 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.

Specific measurements and observations associated with the LNAPL Recovery System include:

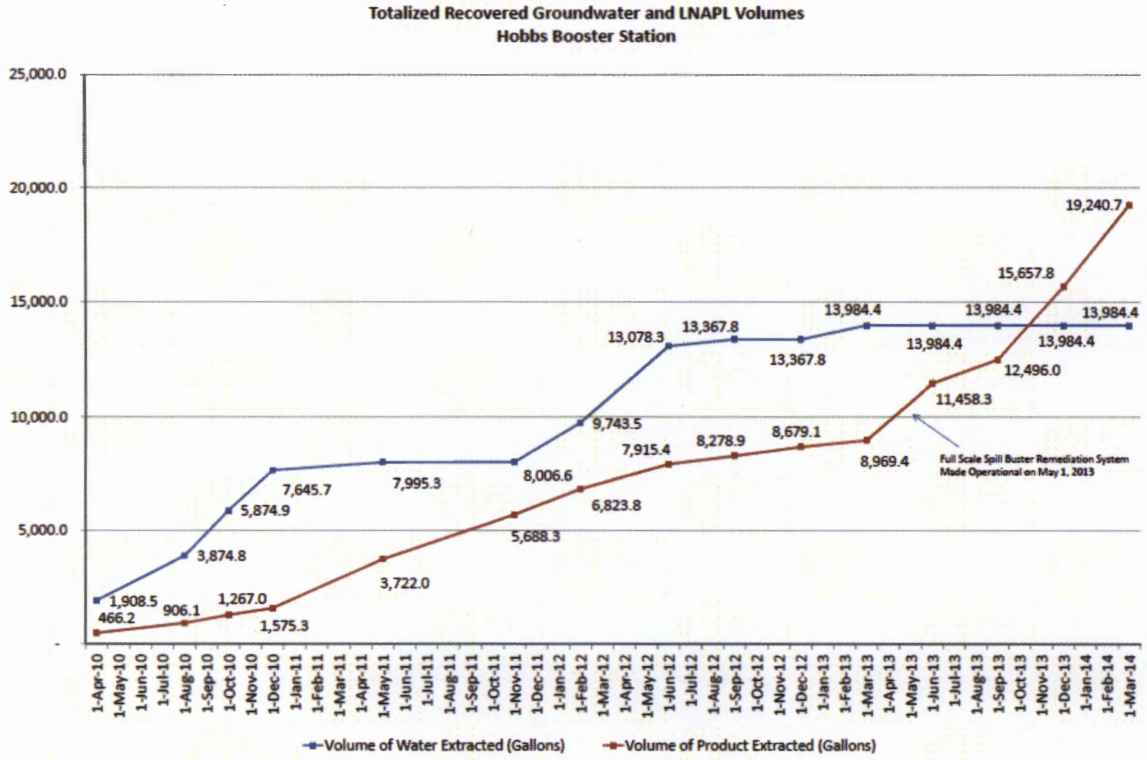
- A total volume of 3,583 gallons of LNAPL were recovered from the extraction wells during the first quarter 2014 (measured between December 26, 2013 and March 21, 2014).
- Subsequent to Spill Buster Installation, approximately **10,270 gallons** of LNAPL have been removed over **11 months** (May 2013 through March 2014) exhibiting extraction rates above those achieved with previous recovery efforts.
    - Product accumulation volumes for specific time periods are summarized in the Liquid Recovery Summary table below.

- Each of the 28 Spill Buster pumps was cleaned and evaluated during the first quarter 2014. Notable observations include:
    - 4 units required factory maintenance
    - 2 units exhibited issues with the internal pump assembly. These pump units were replaced with replacements on-hand.
- Six (6) of the extraction wells were not able to be operated continuously during the first quarter 2014 due to an insufficient thickness of water in the wells.

Incremental and cumulative recovery volumes from April of 2010 through the March 21, 2014 are summarized in the table and graph below.

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
26-Dec-13	-	13,984.4	3,161.8	15,657.8
21-Mar-14	-	13,984.4	3,582.9	19,240.7



In addition to the above remediation efforts, a single solar-powered Spill Buster unit (and adjacent 500-gallon poly holding tank) was operated during the first quarter 2014. During the reporting period, the solar unit was moved to MW-12 (previously deployed at MW-10). Operation at MW-12 was initiated on December 18, 2013. Between December 18, 2013 and March 28, 2014 the Spill Buster at MW-12 removed **64 gallons** of LNAPL.

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 the effects of the AS system 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 dissolved phase hydrocarbon impacts are below the New Mexico Water Quality Control Commission (NMWQCC) Groundwater Standards in the vicinity of MW-15.

5. Conclusions

This section of the report presents conclusions from the findings of first quarter 2014 groundwater monitoring and remediation system O&M activities.

- LNAPL recovery rates have continued to remain at increased levels following installation of the Spill Buster units and incidental groundwater recovery has been eliminated.
- LNAPL pumping could not be conducted at select remediation wells due to an insufficient column of water in the well for Spill Buster operation (a minimum of approx. 4-inches of water is required). Recommended efforts to mitigate this issue are included below.
- The AS portion of the System appears to prevent the migration of LNAPL and dissolved-phase impacts across the treatment zone.
- MW-14 continues to exhibit dissolved phase detections of benzene above the New Mexico Water Quality Control Commission (NMWQCC) groundwater standards for benzene. However, adjacent monitoring points have not indicated continued migration of these impacts, thereby suggesting a relatively stable dissolved-phase petroleum hydrocarbon plume.
- MW-22 exhibited a benzene concentration (0.0122 mg/l) that is slightly higher than the NMWQCC standard of 0.01 mg/l. Historic analyses at this point are typically in the single digit range, therefore this detection does not necessarily denote an overall trend.
- An evaluation of Vacuum-enhanced LNAPL recovery is in process on Leg #2 extraction wells. Continued monitoring and evaluation will be conducted during subsequent quarterly events.

6. Recommendations

Based on evaluation of current and historical data, the following recommendations for ongoing Site monitoring and remediation efforts have been developed:

- Continue quarterly and annual groundwater monitoring and sampling activities to monitor dissolved phase BTEX concentration and LNAPL trends.
- Continue operation, monitoring, and maintenance of the Spill Buster LNAPL extraction system.
- Continue operation of SVE at extraction wells TW-O, TW-J, PW-FF, TW-C, MW-11, PW-EE, PW-DD, and PW-G to evaluate the effectiveness of applied vacuum on LNAPL extraction rates.
- Continue to monitor the LNAPL extraction rate at MW-12. The solar unit may be relocated based on evaluation of extraction rate and LNAPL thickness at that locations.
- Continue to evaluate MW-22 benzene values to determine if a trend is developing.

Tables

TABLE 1
FIRST QUARTER 2014
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*	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-1*	12/2/2013	57.03	52.57	4.46	NM	3626.06	3572.38	0.19
MW-1*	2/27/2014	57.17	52.82	4.35	NM	3626.06	3572.15	-0.22
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-2*	12/2/2013	50.76	47.61	3.15	NM	3623.14	3574.74	-0.16
MW-2*	2/27/2014	50.98	47.84	3.14	NM	3623.14	3574.52	-0.23
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-3	12/2/2013	48.71			55.80	3623.01	3574.30	-1.18
MW-3	2/27/2014	48.95			NM	3623.01	3574.06	-0.24
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-5	12/2/2013	55.58			59.20	3629.16	3573.58	0.31
MW-5	2/27/2014	56.19			NM	3629.16	3572.97	-0.61
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-6	12/2/2013	51.64			56.46	3626.93	3575.29	-0.16
MW-6	2/27/2014	51.84			NM	3626.93	3575.09	-0.20
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-7	12/2/2013	45.22			46.21	3621.40	3576.18	0.08
MW-7	2/27/2014	45.50			NM	3621.40	3575.90	-0.28
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-9*	12/2/2013	60.21	54.12	6.09	NM	3625.21	3569.57	-0.11
MW-9*	2/27/2014	60.35	54.33	6.02	NM	3625.21	3569.38	-0.19
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 [4]	50.13	49.79	0.34	58.28	3621.07	3571.20	-0.66
MW-10*	12/2/2013 [4]	50.73	50.59	0.14	58.28	3621.07	3570.45	-0.75
MW-10*	2/27/2014	52.50	48.88	3.62	NM	3621.07	3571.29	0.84
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-12*	12/2/2013	NM	NM	NM	NM	3626.60	NM	NM
MW-12*	2/27/2014 [4]	NM	NM	NM	NM	3626.60	NM	NM

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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-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
MW-14	12/2/2013	51.80			62.94	3621.42	3569.62	-0.14
MW-14	2/27/2014	51.87			NM	3621.42	3569.55	-0.07
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-15	12/2/2013	47.61			58.17	3619.39	3571.78	-0.14
MW-15	2/27/2014	47.86			NM	3619.39	3571.53	-0.25
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-16	12/2/2013	47.68			56.35	3621.87	3574.19	-0.17
MW-16	2/27/2014	47.94			NM	3621.87	3573.93	-0.26
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-17*	12/2/2013	56.73	56.00	0.73	NM	3624.94	3568.76	0.87
MW-17*	2/27/2014	56.89	56.19	0.70	NM	3624.94	3568.58	-0.18
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-18*	12/2/2013	57.10	57.07	0.03	NM	3625.30	3568.22	0.74
MW-18*	2/27/2014	57.32	57.18	0.14	NM	3625.30	3568.09	-0.14
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-19	12/2/2013	57.49			65.15	3624.12	3566.63	-0.16
MW-19	2/27/2014	57.69			NM	3624.12	3566.43	-0.20
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-19D	12/2/2013	57.45			78.75	3623.79	3566.34	-0.14
MW-19D	2/27/2014	57.66			NM	3623.79	3566.13	-0.21
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-20	12/2/2013	55.06			60.80	3621.49	3566.43	-0.12
MW-20	2/27/2014	55.29			NM	3621.49	3566.20	-0.23
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-21	12/2/2013	56.97			62.75	3624.25	3567.28	-0.12
MW-21	2/27/2014	57.18			NM	3624.25	3567.07	-0.21

TABLE 1
FIRST QUARTER 2014
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-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-22	12/2/2013	58.49			62.00	3625.16	3566.67	-0.12
MW-22	2/27/2014	58.71			NM	3625.16	3566.45	-0.22
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
MW-23	12/2/2013	51.37			56.21	3621.16	3569.79	-0.11
MW-23	2/27/2014	51.47			NM	3621.16	3569.69	-0.10
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-24	12/2/2013	49.49			56.77	3619.27	3569.78	-0.13
MW-24	2/27/2014	49.59			NM	3619.27	3569.68	-0.10
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
MW-25	12/2/2013	50.45			56.29	3619.73	3569.28	-0.13
MW-25	2/27/2014	50.53			NM	3619.73	3569.20	-0.08
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	3622.30	NM	NM
TW-H	9/10/2013	NM			NM	3622.30	NM	NM
TW-H	2/27/2014	NM			NM	3622.30	NM	NM
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-K*	12/2/2013	62.12	58.07	4.05		3628.95	3569.87	0.08
TW-K*	2/27/2014	TD	58.35	>3.72	62.07	3628.95	NM	NM
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
TW-N*	12/2/2013	59.16	55.40	3.76		3631.98	3575.64	0.24
TW-N*	2/27/2014	TD	56.02	>3.18	59.20	3631.98	NM	NM
							Average change in groundwater elevation (12/2/13 to 2/27/14)	-0.16

Notes:

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

2- Total depths were collected and recorded during the fourth quarter 2013 monitoring event.

3- Changes in groundwater elevation calculated by subtracting the reading for each previous monitoring event.

4 - Denotes that a Spill Buster NAPL pump was installed in the well, resulting in reduced NAPL thickness and/or lack of ability to obtain measurements.

Data presented for all well locations includes previous four sampling events, when available.

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 is corrected for product thickness using the following calculation:

Groundwater elevation = (TOC Elevation - Measured Depth to Water) + (LNAPL Thickness in Well * LNAPL Relative Density)
LNAPL relative density is assumed to be approximately 0.75

TABLE 2
FIRST QUARTER 2014
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	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-2	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-3	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-5	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-6	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-7	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-9	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-10	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-12	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-14	2/27/2014	**0.1050**	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	2/27/2014	**0.1170**	<0.002	0.0012 J	0.0022 J	
MW-15	2/27/2014	0.0021	<0.002	<0.002	<0.003	
MW-16	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-17	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-18	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-19	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19D	2/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-20	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-21	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-22	2/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-23	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	2/27/2014	<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.

Historic groundwater analytical results for these locations may be found in Appendix A.

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

Sample locations are displayed on Figure 2.

LNAPL = Light non aqueous phase liquid

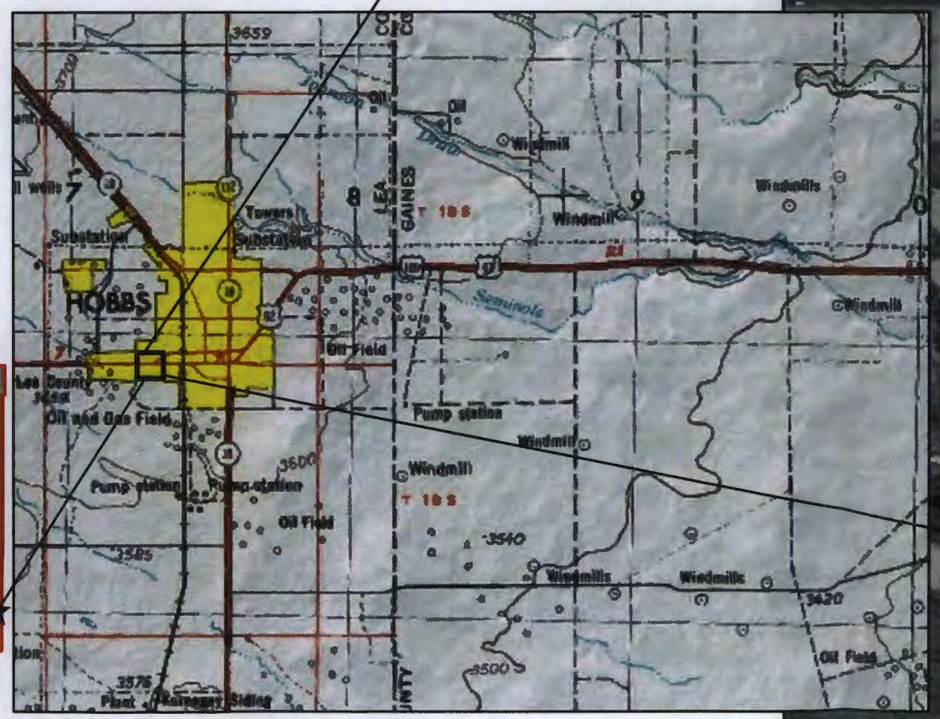
NS = Not sampled.

mg/L = milligrams per liter.

J = Indicates an estimate value

Figures

N



DATE: April 2014 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221	**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

DATE: April 2014 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221	DCP Midstream HOBBS BOOSTER STATION First Quarter 2014 Groundwater Monitoring Summary Report	Site Map with Monitoring Well Locations	Figure 2

Legend

- Monitoring Well
- LNAPL/SVE Recovery Well
- Air Sparge Point
- Air Sparge System Equipment Platform
- LNAPL/SVE Recovery System Equipment Platform and Holding Tanks
- 3710.33 Measured Groundwater Elevation (feet AMSL)
- Groundwater Flow Direction

Notes:

* = The groundwater elevation value was corrected due to the presence of NAPL as follows: (Measured Groundwater Elevation) + (NAPL thickness * NAPL Relative Density of 0.75)

AMSL - Above Mean Sea Level

0 100 200 Feet

DATE: April 2014 DESIGNED BY: T. Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221	DCP MIDSTREAM HOBBS BOOSTER STATION First Quarter 2014 Groundwater Monitoring Summary Report	Groundwater Elevation Contour Map (February 27, 2014)	Figure 3

MW-19D	
	2/27/2014
Compound	(mg/L)
Benzene	0.00059J
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-19	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-22	
	2/27/2014
Compound	(mg/L)
Benzene	0.0122
Toluene	<0.002
Ethylbenzene	0.00088J
Total Xylenes	0.0061

MW-20	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-16	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-23	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-21	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-15	
	2/27/2014
Compound	(mg/L)
Benzene	0.0021
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-14		
	2/27/2014	2/27/14 (duplicate)
Compound	(mg/L)	(mg/L)
Benzene	0.105	0.117
Toluene	<0.002	<0.002
Ethylbenzene	0.0012J	0.0012J
Total Xylenes	0.0021J	0.0022J

MW-24	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<0.003

MW-25	
	2/27/2014
Compound	(mg/L)
Benzene	<0.001
Toluene	<0.002
Ethylbenzene	<0.002
Total Xylenes	<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

NMWQCC Groundwater Standards	
Compound	(mg/L)
Benzene	0.01
Toluene	0.75
Ethylbenzene	0.75
Total Xylenes	0.62

Notes:

DCP - DCP Midstream

BPL - Buried Pipeline

NS - Not Sampled

NM - Not Measured

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

0 255 510 Feet

DATE: April 2014 DESIGNED BY: T.Johansen DRAWN BY: D. Arnold	TASMAN GEOSCIENCES Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221	DCP Midstream HOBBS BOOSTER STATION First Quarter 2014 Groundwater Monitoring Summary Report	Analytical Results Map (February 27, 2014)	Figure 4

Appendix A

Historic Analytical Results

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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**	<0.002	0.047	0.066	
MW-1	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-2	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-3	9/14/2005	0.0025	<0.002	0.24	0.17	
MW-3	6/21/2006	0.0018	<0.002	0.14	0.089	
MW-3	6/27/2007	0.0012	<0.002	0.207	0.0977	
MW-3	9/21/2009	<0.002	<0.002	0.0123	0.0031	
MW-3	9/14/2010	<0.001	<0.002	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-3	12/2/2013	NS	NS	NS	NS	
MW-3	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-5	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-5	6/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-5	6/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-5	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-5	9/14/2010	<0.001	<0.002	<0.002	-	
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-5	12/2/2013	NS	NS	NS	NS	
MW-5	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-6	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-6	6/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-6	6/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-6	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-6	9/14/2010	<0.001	<0.002	<0.002	-	
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	
MW-6	12/2/2013	NS	NS	NS	NS	
MW-6	2/27/2014	NS	NS	NS	NS	Sampled Annually

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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	<0.002	<0.002	<0.002	<0.006	
MW-7	6/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-7	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-7	9/29/2010	<0.001	<0.002	<0.002	-	
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	Sampled Annually
MW-7	6/6/2012	NS	NS	NS	NS	Sampled Annually
MW-7	9/6/2012	NS	NS	NS	NS	Insufficient water to sample
MW-7	12/5/2012	NS	NS	NS	NS	Sampled Annually
MW-7	2/19/2013	NS	NS	NS	NS	Sampled Annually
MW-7	6/3/2013	NS	NS	NS	NS	Sampled Annually
MW-7	9/10/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	12/2/2013	NS	NS	NS	NS	Sampled Annually
MW-7	2/27/2014	NS	NS	NS	NS	Sampled Annually
MW-9	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-10	6/21/2006	**0.62**	0.0195	0.19	0.26	
MW-10	6/27/2007	**0.42**	0.0037	0.221	0.31	
MW-10	9/21/2009	**0.0813**	<0.002	0.343	0.0115	
MW-10	9/14/2010	**0.123**	<0.002	0.274	-	
MW-10	3/29/2011	NS	NS	NS	NS	
MW-10	9/16/2011	**0.213**	<0.002	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	
MW-10	12/2/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-10	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-12	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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	3/23/2005	**0.085**	<0.001	0.024	0.0043	
MW-14	6/8/2005	**0.48**	0.0041	0.073	0.013	
MW-14	9/14/2005	**0.077**	<0.002	0.0088	<2.0	
MW-14	12/13/2005	**0.045**	<0.002	0.0099	0.003	
MW-14	3/28/2006	**0.022**	<0.002	0.0068	0.0026	
MW-14	6/21/2006	**0.014**	0.00095	0.005	0.0042	
MW-14	9/27/2006	**0.18**	0.014	0.015	0.026	
MW-14	12/20/2006	**0.5**	0.020	0.029	0.059	
MW-14	3/29/2007	**0.881**	0.0115	0.0368	0.0809	
MW-14	6/27/2007	**1.11**	0.0100	0.0421	0.104	
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**	0.04	0.0372	0.0228	
MW-14	12/2/2008	**0.38**	<0.002	0.0172	<0.0014	
MW-14	3/9/2009	**0.341**	<0.002	0.017	<0.0014	
MW-14	5/26/2009	**0.285**	<0.01	0.0104	<0.0068	
MW-14	9/21/2009	**0.205**	<0.002	0.008	<0.0017	
MW-14	12/20/2009	**0.165**	<0.002	0.0037	<0.0017	
MW-14	3/9/2010	<0.40	<0.002	<1.0	-	
MW-14	6/14/2010	**0.081**	<0.002	0.0017	-	
MW-14	9/14/2010	**0.11**	<0.002	0.0024	-	
MW-14	12/7/2010	**0.118**	<0.002	0.002	-	
MW-14	3/29/2011	0.0901	<0.002	<0.002	<0.002	
MW-14	3/29/2011	<0.001	<0.002	0.0039	<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	<0.002	<.0043	<0.004	
MW-14	6/21/2011	0.0048	<0.002	0.0012	<0.004	
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
MW-14	12/2/2013	**0.0636**	<0.002	0.0011	<0.003	Duplicate A sample collected
MW-14	2/27/2014	**0.1050**	<0.002	0.0012 J	0.0021 J	Duplicate sample collected
MW-14 - Duplicate	2/27/2014	**0.1170**	<0.002	0.0012 J	0.0022 J	

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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-15	3/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-15	6/8/2005	<0.001	<0.002	0.0034	<0.006	
MW-15	9/14/2005	<0.002	<0.002	0.0022	<0.006	
MW-15	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-15	3/28/2006	<0.002	<0.002	0.0049	<0.006	
MW-15	6/21/2006	<0.002	<0.002	0.02	<0.006	
MW-15	9/27/2006	0.002	<0.002	<0.002	<0.006	
MW-15	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-15	3/29/2007	0.0012	<0.002	0.0045	<0.006	
MW-15	6/27/2007	0.00042	<0.002	0.0014	<0.006	
MW-15	9/6/2007	<0.002	<0.002	<0.002	<0.006	
MW-15	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-15	3/6/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-15	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-15	5/26/2009	0.0024	<0.002	0.0413	<0.006	
MW-15	9/21/2009	0.0033	<0.002	0.0501	<0.006	
MW-15	12/20/2009	0.00093	<0.002	0.0137	<0.006	
MW-15	3/9/2010	0.0041	<0.002	0.099	-	
MW-15	6/14/2010	0.0055	<0.002	0.16	-	
MW-15	9/14/2010	0.00075	<0.002	0.0015	-	
MW-15	12/7/2010	<0.001	<0.002	0.0011	-	
MW-15	3/29/2011	0.00035	<0.002	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	
MW-15	12/2/2013	0.0017	<0.002	<0.002	<0.003	
MW-15	2/27/2014	0.0021	<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-16	3/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	6/8/2005	<0.001	<0.002	<0.002	<0.006	
MW-16	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-16	3/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	6/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	9/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-16	3/29/2007	0.00043	<0.002	<0.002	<0.006	
MW-16	6/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	9/6/2007	<0.002	<0.002	<0.002	<0.006	
MW-16	11/28/2007	<0.0012	<0.002	<0.002	<0.006	
MW-16	3/6/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-16	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-16	3/9/2010	<0.001	<0.002	0.0028	-	
MW-16	6/14/2010	<0.001	<0.002	<0.30	-	
MW-16	9/14/2010	<0.001	<0.002	<0.00030	-	
MW-16	12/7/2010	<0.001	<0.002	<0.00030	-	
MW-16	3/29/2011	<0.00030	<0.002	<0.00030	0.0012	
MW-16	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-16	6/21/2011	<0.001	<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-16	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-17	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually
MW-18	6/21/2006	**0.013**	0.0017	0.031	0.023	
MW-18	6/27/2007	**0.0214**	0.0016	0.0475	0.0178	
MW-18	12/2/2008	**0.0216**	<0.002	0.0221	0.0183	
MW-18	9/21/2009	**0.0445**	<0.002	0.0297	0.0264	
MW-18	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	Sampled Annually

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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-19	3/23/2005	0.0019	<0.002	<0.002	<0.006	
MW-19	6/8/2005	0.0012	0.0720	<0.002	<0.006	
MW-19	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19	3/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	6/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2006	0.0007	<0.002	<0.002	<0.006	
MW-19	3/29/2007	0.00075	<0.002	<0.002	<0.006	
MW-19	6/27/2007	0.00071	<0.002	<0.002	<0.006	
MW-19	9/6/2007	0.00053	<0.002	<0.002	<0.006	
MW-19	11/28/2007	0.00054	<0.002	<0.002	<0.006	
MW-19	3/6/2008	0.00054	<0.002	<0.002	<0.006	
MW-19	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-19	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-19	3/9/2010	0.0009	<0.002	<1.0	-	
MW-19	6/14/2010	0.00051	<0.002	<0.30	-	
MW-19	9/14/2010	0.00036	<0.002	<0.002	-	
MW-19	12/7/2010	<0.001	<0.002	0.00068	-	
MW-19	3/29/2011	<0.001	<0.002	<0.002	0.0008	
MW-19	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19	6/21/2011	<0.001	<0.0010	<0.002	<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	
MW-19	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	2/27/2014	<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-19D	3/23/2005	0.00073	<0.002	<0.002	<0.006	
MW-19D	6/8/2005	0.0011	0.0012	<0.002	<0.006	
MW-19D	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-19D	3/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	6/21/2006	0.0011	<0.002	<0.002	<0.006	
MW-19D	9/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-19D	12/20/2006	0.0018	<0.002	0.00074	<0.006	
MW-19D	3/29/2007	0.0007	<0.002	<0.002	<0.006	
MW-19D	6/27/2007	0.00074	<0.002	<0.002	<0.006	
MW-19D	9/6/2007	0.00072	<0.002	<0.002	<0.006	
MW-19D	11/28/2007	0.00093	<0.002	<0.002	<0.006	
MW-19D	3/6/2008	0.001	<0.002	<0.002	<0.006	
MW-19D	12/2/2008	0.0016	<0.002	<0.002	<0.006	
MW-19D	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-19D	5/26/2009	0.00074	<0.002	<0.002	<0.006	
MW-19D	9/21/2009	0.0011	<0.002	<0.002	<0.006	
MW-19D	12/20/2009	0.0009	<0.002	<0.002	<0.006	
MW-19D	3/9/2010	0.0009	<0.002	<0.002	-	
MW-19D	6/14/2010	0.00037	<0.002	<0.002	-	
MW-19D	9/14/2010	0.00086	<0.002	<0.002	-	
MW-19D	12/7/2010	0.00085	<0.002	<0.002	-	
MW-19D	3/29/2011	0.00091	<0.002	<0.002	0.00074	
MW-19D	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-19D	6/21/2011	0.00056	<0.002	<0.002	<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-19D	12/2/2013	0.00057	<0.002	<0.002	<0.003	
MW-19D	2/27/2014	0.00059 J	<0.002	<0.002	<0.003	
MW-19S	9/27/2006	<0.23	<0.54	<0.48	<1.1	

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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	<0.001	<0.002	<0.002	<0.006	
MW-20	6/8/2005	<0.001	<0.002	<0.002	<0.006	
MW-20	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-20	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-20	3/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	6/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	9/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-20	12/20/2006	0.00028	<0.002	<0.002	<0.006	
MW-20	3/29/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	6/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	9/6/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	11/28/2007	<0.002	<0.002	<0.002	<0.006	
MW-20	3/6/2008	<0.002	<0.002	<0.002	<0.006	
MW-20	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-20	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-20	3/9/2010	<0.001	<0.002	<0.002	-	
MW-20	6/14/2010	<0.001	<0.002	<0.002	-	
MW-20	9/14/2010	<0.001	<0.002	<0.002	-	
MW-20	12/7/2010	<0.001	<0.002	<0.002	-	
MW-20	3/29/2011	<0.001	<0.002	<0.002	0.0006	
MW-20	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-20	6/21/2011	<0.001	<0.002	<0.002	<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	
MW-20	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	2/27/2014	<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-21	3/23/2005	<0.001	<0.002	<0.002	<0.006	
MW-21	6/8/2005	<0.001	<0.002	<0.002	<0.006	
MW-21	9/14/2005	<0.002	<0.002	<0.002	<0.006	
MW-21	12/13/2005	<0.002	<0.002	<0.002	<0.006	
MW-21	3/28/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	6/21/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	9/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2006	<0.002	<0.002	<0.002	<0.006	
MW-21	3/29/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	6/27/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	9/6/2007	<0.002	<0.002	<0.002	<0.006	
MW-21	11/28/2007	<0.00023	<0.002	<0.002	<0.006	
MW-21	3/6/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-21	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-21	3/9/2010	<0.001	<0.002	<0.002	-	
MW-21	6/14/2010	<0.001	<0.002	<0.002	-	
MW-21	9/14/2010	<0.001	<0.002	<0.002	-	
MW-21	12/7/2010	<0.001	<0.002	<0.002	-	
MW-21	3/29/2011	<0.001	<0.002	<0.002	0.00076	
MW-21	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-21	6/21/2011	<0.001	<0.002	<0.002	<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	
MW-21	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-21	2/27/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-22	3/23/2005	0.0013	<0.002	<0.001	<0.006	
MW-22	6/8/2005	<0.001	0.0025	0.00730	<0.006	
MW-22	9/14/2005	0.0066	<0.002	<0.002	<0.006	
MW-22	12/13/2005	0.0059	<0.002	<0.002	<0.006	
MW-22	3/28/2006	0.006	<0.002	<0.002	<0.006	
MW-22	6/21/2006	0.0034	<0.002	<0.002	<0.006	
MW-22	9/27/2006	<0.002	<0.002	<0.002	<0.006	
MW-22	12/20/2006	0.00089	<0.002	<0.002	<0.006	
MW-22	3/29/2007	0.00067	<0.002	<0.002	<0.006	
MW-22	6/27/2007	0.00076	<0.002	<0.002	<0.006	
MW-22	9/6/2007	<0.002	<0.002	<0.002	<0.006	
MW-22	11/28/2007	0.001	<0.002	<0.002	<0.006	
MW-22	3/6/2008	0.0015	<0.002	<0.002	<0.006	
MW-22	12/2/2008	0.0064	<0.002	<0.002	<0.006	
MW-22	3/9/2009	0.0048	<0.002	<0.002	<0.006	
MW-22	5/26/2009	0.0046	<0.002	<0.002	<0.006	
MW-22	9/21/2009	0.0026	<0.002	<0.002	<0.006	
MW-22	12/20/2009	0.0028	<0.002	<0.002	<0.006	
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-22	12/2/2013	0.0087	<0.002	0.0008	0.0054	
MW-22	2/27/2014	**0.0122**	<0.002	0.00088 J	0.0061	
MW-23	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-23	3/9/2009	0.00049	<0.002	<0.002	<0.006	
MW-23	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-23	3/9/2010	<0.001	<0.002	<0.002	-	
MW-23	6/14/2010	<0.001	<0.002	<0.002	-	
MW-23	9/14/2010	<0.001	<0.002	<0.002	-	
MW-23	12/7/2010	<0.001	<0.002	<0.002	-	
MW-23	3/29/2011	<0.001	<0.002	<0.002	0.00063	
MW-23	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-23	6/21/2011	<0.001	<0.002	<0.002	<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	
MW-23	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-23	2/27/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-24	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-24	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-24	3/9/2010	<0.001	<0.002	<0.002	-	
MW-24	6/14/2010	<0.001	<0.002	<0.002	-	
MW-24	9/14/2010	<0.001	<0.002	<0.002	-	
MW-24	12/7/2010	<0.001	<0.002	<0.002	-	
MW-24	3/29/2011	<0.001	<0.002	<0.002	<0.006	
MW-24	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-24	6/21/2011	<0.001	<0.002	<0.002	<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-24	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	12/2/2008	<0.002	<0.002	<0.002	<0.006	
MW-25	3/9/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	5/26/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	9/21/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	12/20/2009	<0.002	<0.002	<0.002	<0.006	
MW-25	3/9/2010	<0.001	<0.002	<0.002	-	
MW-25	6/14/2010	<0.001	<0.002	<0.002	-	
MW-25	9/14/2010	<0.001	<0.002	<0.002	-	
MW-25	12/7/2010	<0.001	<0.002	<0.002	-	
MW-25	3/29/2011	<0.001	<0.002	<0.002	0.00099	
MW-25	3/29/2011	<0.001	<0.002	<0.002	<0.002	
MW-25	6/21/2011	<0.001	<0.002	<0.002	<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	
MW-25	12/2/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	2/27/2014	<0.001	<0.002	<0.002	<0.003	

APPENDIX A
HISTORIC ANALYTICAL RESULTS
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-A	6/25/2009	<0.00046	<0.00048	<0.00045	<0.006	
MW-A	9/1/2009	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	11/17/2009	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	3/25/2010	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	6/8/2010	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	9/21/2010	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	12/16/2010	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	3/11/2011	<0.00050	<0.00043	<0.00055	<0.006	
MW-A	6/14/2011	<0.00025	<0.00026	<0.00025	<0.006	
MW-A	9/27/2011	<0.00025	<0.00026	<0.00025	<0.006	
MW-A	12/13/2011	<0.00025	<0.00026	<0.00025	<0.006	
MW-A	3/27/2012	<0.00025	<0.00026	<0.00025	<0.006	
MW-A	6/19/2012	<0.00025	<0.00026	<0.00025	<0.006	
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	3/27/2012	**0.037**	0.0012	0.0114	0.0758	
MW-C	6/19/2012	**0.0668**	0.0019	0.0201	0.135	

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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	3/27/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-D	6/19/2012	<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	3/27/2012	<0.00025	<0.00026	<0.00025	<0.00071	
MW-F	6/19/2012	<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:

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

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

Sample locations are shown on Figure 2.

LNAPL = Light Non-Aqueous Phase Liquid

NS = Not sampled.

mg/L = milligrams per liter.

Appendix B

Laboratory Analytical Report

- Accutest Job #: D55460

Mountain States ACCUTEST LABORATORIES

03/07/14

Technical Report for

DCP Midstream, LP

TASMCOA:DCP Hobbs Booster Station

Accutest Job Number: D55460

Sampling Date: 02/27/14

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: **30**

NELAP ACCREDITED TNI LABORATORY

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

Scott Heideman
Laboratory Director

Client Service contact: Renea Jackson 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

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Accutest Laboratories

Sample Summary

DCP Midstream, LP

Job No: D55460

TASMCOA:DCP Hobbs Booster Station

Sample Number	Collected Date	Time	By	Received	Matrix Code	Type	Client Sample ID
D55460-1	02/27/14	11:00	CW	02/28/14	AQ	Ground Water	MW-14
D55460-2	02/27/14	11:20	CW	02/28/14	AQ	Ground Water	MW-15
D55460-3	02/27/14	11:45	CW	02/28/14	AQ	Ground Water	MW-16
D55460-3D	02/27/14	11:45	CW	02/28/14	AQ	Water Dup/MSD	MW-16
D55460-3M	02/27/14	11:45	CW	02/28/14	AQ	Water Matrix Spike	MW-16
D55460-4	02/27/14	13:00	CW	02/28/14	AQ	Ground Water	MW-19
D55460-5	02/27/14	13:15	CW	02/28/14	AQ	Ground Water	MW-19D
D55460-6	02/27/14	14:00	CW	02/28/14	AQ	Ground Water	MW-20
D55460-7	02/27/14	12:45	CW	02/28/14	AQ	Ground Water	MW-21
D55460-8	02/27/14	13:30	CW	02/28/14	AQ	Ground Water	MW-22
D55460-9	02/27/14	10:50	CW	02/28/14	AQ	Ground Water	MW-23
D55460-10	02/27/14	10:35	CW	02/28/14	AQ	Ground Water	MW-24
D55460-11	02/27/14	10:30	CW	02/28/14	AQ	Ground Water	MW-25

Sample Summary
(continued)

DCP Midstream, LP

Job No: D55460

TASMCOA:DCP Hobbs Booster Station

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
D55460-12	02/27/14	00:00	CW	02/28/14	AQ	Ground Water	DUP-A

CASE NARRATIVE / CONFORMANCE SUMMARY

Client:	DCP Midstream, LP	**Job No**	D55460
Site:	TASMCOA:DCP Hobbs Booster Station	**Report Date**	3/7/2014 9:48:58 AM

On 02/28/2014, 12 sample(s), 0 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 2.3 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D55460 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:** V6V1331

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55460-3MS, D55460-3MSD were used as the QC samples indicated.

Matrix AQ **Batch ID:** V6V1332

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D55464-8MS, D55464-8MSD 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: D55460
Account: DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station
Collected: 02/27/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D55460-1	**MW-14**					
Benzene		0.105	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0012 J	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0021 J	0.0030	0.0020	mg/l	SW846 8260B
D55460-2	**MW-15**					
Benzene		0.0021	0.0010	0.00025	mg/l	SW846 8260B
D55460-3	**MW-16**					
No hits reported in this sample.						
D55460-4	**MW-19**					
No hits reported in this sample.						
D55460-5	**MW-19D**					
Benzene		0.00059 J	0.0010	0.00025	mg/l	SW846 8260B
D55460-6	**MW-20**					
No hits reported in this sample.						
D55460-7	**MW-21**					
No hits reported in this sample.						
D55460-8	**MW-22**					
Benzene		0.0122	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.00088 J	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0061	0.0030	0.0020	mg/l	SW846 8260B
D55460-9	**MW-23**					
No hits reported in this sample.						
D55460-10	**MW-24**					
No hits reported in this sample.						

Summary of Hits

Job Number: D55460
Account: DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station
Collected: 02/27/14

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
D55460-11	**MW-25**					
No hits reported in this sample.						
D55460-12	**DUP-A**					
Benzene		0.117	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene		0.0012 J	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)		0.0022 J	0.0030	0.0020	mg/l	SW846 8260B

Mountain States ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	MW-14		
Lab Sample ID:	D55460-1	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23603.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	0.105	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0012	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	0.0021	0.0030	0.0020	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	95%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	98%		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: D55460-2
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 02/27/14
Date Received: 02/28/14
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V23604.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	0.0021	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	96%		62-130%
2037-26-5	Toluene-D8	102%		70-130%
460-00-4	4-Bromofluorobenzene	98%		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:	D55460-3	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23615.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	96%		62-130%
2037-26-5	Toluene-D8	100%		70-130%
460-00-4	4-Bromofluorobenzene	96%		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:	D55460-4	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23605.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	93%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	98%		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:	D55460-5	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23606.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	0.00059	0.0010	0.00025	mg/l	J
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	96%		62-130%
2037-26-5	Toluene-D8	101%		70-130%
460-00-4	4-Bromofluorobenzene	97%		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:	D55460-6	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23607.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	100%		70-130%
460-00-4	4-Bromofluorobenzene	97%		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:	D55460-7	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23608.D	1	03/03/14	BR	n/a	n/a	V6V1331
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	101%		70-130%
460-00-4	4-Bromofluorobenzene	97%		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:	D55460-8	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23624.D	1	03/04/14	BR	n/a	n/a	V6V1332
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	0.0122	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.00088	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	0.0061	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	101%		70-130%
460-00-4	4-Bromofluorobenzene	99%		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:	D55460-9	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23625.D	1	03/04/14	BR	n/a	n/a	V6V1332
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	101%		70-130%
460-00-4	4-Bromofluorobenzene	97%		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:	D55460-10	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23626.D	1	03/04/14	BR	n/a	n/a	V6V1332
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	105%		70-130%
460-00-4	4-Bromofluorobenzene	101%		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:	D55460-11	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23627.D	1	03/04/14	BR	n/a	n/a	V6V1332
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	82%		70-130%
460-00-4	4-Bromofluorobenzene	97%		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:	D55460-12	**Date Sampled:**	02/27/14
Matrix:	AQ - Ground Water	**Date Received:**	02/28/14
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	6V23628.D	1	03/04/14	BR	n/a	n/a	V6V1332
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	0.117	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0012	0.0020	0.00025	mg/l	J
1330-20-7	Xylene (total)	0.0022	0.0030	0.0020	mg/l	J

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	100%		62-130%
2037-26-5	Toluene-D8	104%		70-130%
460-00-4	4-Bromofluorobenzene	102%		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

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

PAGE 1 OF 2

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 # D55460

Client / Reporting Information

Company Name: Tasman Geosciences
Street Address: 6899 Pecos St - Unit C
City: Denver, CO 80221
Project Contact: Don Baggus dbaggus@tasman-geo.com
Phone #: (720) 635-9675
Sampler(s) Name(s): Christine Wasko

Project Information

Project Name: DCP Hobbs Booster Station
Street
City State
Project #
Client Purchase Order #
Project Manager: Renea Jackson

Billing Information (If different from Report to)

Company Name
Street Address
City
Attention:

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	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	V8260BTX	MS/MSD for V8260BTX	LAB USE ONLY
	~~MW-3~~		~~2/27~~		~~GW~~	~~GW~~	~~3~~	~~3~~								~~X~~		
	~~MW-5~~					~~GW~~	~~3~~	~~3~~								~~X~~		
	~~MW-6~~					~~GW~~	~~3~~	~~3~~								~~X~~		
	~~MW-7~~					~~GW~~	~~3~~	~~3~~								~~X~~		
	MW-14		2/27	1100	GW	GW	3	3								X		01
	MW-15			1120		GW	3	3								X		02
	MW-16			1145		GW	3	3								X		03
	MW-16 MS/MSD			1145		GW	6	6									X	03 MS/MSD
	MW-19			1300		GW	3	3								X		04
	MW-19D			1315		GW	3	3								X		05
	MW-20			1400		GW	3	3								X		06
	MW-21			1245		GW	3	3								X		07

Data Deliverable Information

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency
- [ ]

Approved By (Accutest PM): / Date:

Emergency & Rush T/A data available VIA Lablink

- [ ] 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 ONLY
- [ ] EDD Format

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

Comments / Special Instructions

Relinquished by Sampler: 1	Received By: 1 2/28/14	Relinquished By: 2	Date Time: 10123	Received By: 2
Relinquished by Sampler: 3	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4
Relinquished by: 5	Received By: 5	Custody Seal # FXE Intact / Not Intact	Preserved where applicable	On Ice / Cooler Temp. 2.3

D55460: Chain of Custody
Page 1 of 2

ACCUTEST LABORATORIES

CHAIN OF CUSTODY

PAGE 2 OF 2

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 #: D55460

Client / Reporting Information

Company Name: Tasman Geosciences
Street Address: 6899 Pecos St - Unit C
City: Denver, CO 80221
Project Contact: Don Baggus dbaggus@tasman-geo.com
Phone #: (720) 635-9675
Sampler(s) Name(s): Christine Wasko

Project Information

Project Name: DCP Hobbs Booster Station
Street:
City: State:
Project #:
Client Purchase Order #:
Project Manager: Renea Jackson

Billing Information (if different from Report to)

Company Name:
Street Address:
City:
Attention:

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	Number of preserved Bottles: HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	V8260BTX	LAB USE ONLY
	MW-22		2/27	1330	CW	GW	3	3								X	08
	MW-23			1050		GW	3	3								X	09
	MW-24			1035		GW	3	3								X	10
	MW-25			1050		GW	3	3								X	11
	DUP A			→		GW	3	3								X	12
	DUP B					GW	3	3								X	—
																	13 FB
																	2/28/14 @ 2211

Data Deliverable Information

- [ ] Std. 15 Business Days
- [X] Std. 10 Business Days
- [ ] 5 Day RUSH
- [ ] 3 Day Emergency
- [ ] 2 Day Emergency
- [ ] 1 Day Emergency
- [ ] Emergency & Rush T/A data available VIA Labilink

Approved By (Accutest PM): / Date:

- [ ] 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 ONLY
- [ ] EDD Format

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

Comments / Special Instructions

Relinquished by Sampler: 1	Received By: 1 2/28/14	Relinquished By: 2	Date Time: 1012	Received By: 2	
Relinquished by Sampler: 3	Received By: 3	Relinquished By: 4	Date Time:	Received By: 4	
Relinquished by: 5	Received By: 5	Custody Seal # FXE ☐ Intact ☐ Not intact	Preserved where applicable ☐	On Ice ☐	Cooler Temp. 2.3

D55460: Chain of Custody
Page 2 of 2

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: D55460
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1331-MB	6V23602.D	1	03/03/14	BR	n/a	n/a	V6V1331

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

D55460-1, D55460-2, D55460-3, D55460-4, D55460-5, D55460-6, D55460-7

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	95%	62-130%
2037-26-5	Toluene-D8	101%	70-130%
460-00-4	4-Bromofluorobenzene	96%	69-130%

Method Blank Summary

Job Number: D55460
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1332-MB	6V23623.D	1	03/03/14	BR	n/a	n/a	V6V1332

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

D55460-8, D55460-9, D55460-10, D55460-11, D55460-12

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	98%	70-130%
460-00-4	4-Bromofluorobenzene	116%	69-130%

Blank Spike Summary

Job Number: D55460
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1331-BS	6V23601.D	1	03/03/14	BR	n/a	n/a	V6V1331

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

D55460-1, D55460-2, D55460-3, D55460-4, D55460-5, D55460-6, D55460-7

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	51.7	103	70-130
100-41-4	Ethylbenzene	50	52.4	105	70-130
108-88-3	Toluene	50	52.2	104	70-130
1330-20-7	Xylene (total)	150	147	98	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	96%	62-130%
2037-26-5	Toluene-D8	97%	70-130%
460-00-4	4-Bromofluorobenzene	101%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Job Number: D55460
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1332-BS	6V23622.D	1	03/03/14	BR	n/a	n/a	V6V1332

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

D55460-8, D55460-9, D55460-10, D55460-11, D55460-12

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	53.1	106	70-130
100-41-4	Ethylbenzene	50	54.2	108	70-130
108-88-3	Toluene	50	52.8	106	70-130
1330-20-7	Xylene (total)	150	150	100	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	100%	62-130%
2037-26-5	Toluene-D8	98%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D55460
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55460-3MS	6V23616.D	1	03/03/14	BR	n/a	n/a	V6V1331
D55460-3MSD	6V23617.D	1	03/03/14	BR	n/a	n/a	V6V1331
D55460-3	6V23615.D	1	03/03/14	BR	n/a	n/a	V6V1331

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

D55460-1, D55460-2, D55460-3, D55460-4, D55460-5, D55460-6, D55460-7

CAS No.	Compound	D55460-3 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	50.8	102	51.3	103	1	62-130/30
100-41-4	Ethylbenzene	ND		50	51.3	103	51.0	102	1	63-130/30
108-88-3	Toluene	ND		50	51.1	102	51.5	103	1	60-130/30
1330-20-7	Xylene (total)	ND		150	143	95	142	95	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55460-3	Limits
17060-07-0	1,2-Dichloroethane-D4	102%	102%	96%	62-130%
2037-26-5	Toluene-D8	99%	98%	100%	70-130%
460-00-4	4-Bromofluorobenzene	101%	102%	96%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: D55460
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D55464-8MS	6V23637.D	1	03/04/14	BR	n/a	n/a	V6V1332
D55464-8MSD	6V23638.D	1	03/04/14	BR	n/a	n/a	V6V1332
D55464-8	6V23636.D	1	03/04/14	BR	n/a	n/a	V6V1332

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

D55460-8, D55460-9, D55460-10, D55460-11, D55460-12

CAS No.	Compound	D55464-8 ug/l	Q	Spike ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND		50	54.6	109	54.1	108	1	62-130/30
100-41-4	Ethylbenzene	ND		50	53.9	108	53.4	107	1	63-130/30
108-88-3	Toluene	ND		50	53.9	108	53.0	106	2	60-130/30
1330-20-7	Xylene (total)	ND		150	150	100	148	99	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D55464-8	Limits
17060-07-0	1,2-Dichloroethane-D4	101%	103%	99%	62-130%
2037-26-5	Toluene-D8	98%	98%	100%	70-130%
460-00-4	4-Bromofluorobenzene	101%	101%	95%	69-130%

* = Outside of Control Limits.