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February 26, 2014

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

**RE: 4th 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 4th 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

Fourth Quarter 2013 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

January 31, 2014

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1. Introduction

This report summarizes the remediation system activities and results of groundwater monitoring activities conducted during the fourth 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 determine the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for chemical analysis and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results collected on December 2, 2013 were used to develop a groundwater elevation contour map and an analytical results map which was used 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 fourth quarter 2013 monitoring event conducted on December 2, 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. During the fourth quarter 2013 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 elevations collected during the reporting period are presented in Table 1 and a groundwater elevation contour map is illustrated in Figure 3. Groundwater elevations ranged from 3566.34 feet AMSL in monitoring wells MW-19D to 3576.64 feet AMSL at monitoring well TW-N. There was an average decrease in groundwater elevation of 0.06 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 eight of the measured groundwater monitoring wells with thicknesses ranging between 0.03-feet in MW-18 to 6.09-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 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 degrees Celsius ($^{\circ}\text{C}$) 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 11 monitoring wells during the fourth quarter 2013 monitoring event conducted on December 2, 2013. Monitoring wells MW-1, MW-2, MW-9, MW-10, MW-17, MW-18, TW-K, and TW-N were not sampled due to the presence of measurable LNAPL. 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 December 2, 2013 event. Analytical results are also summarized in Figure 4. Historical analytical results up to and

including the December 2013 event are contained in Appendix A and Laboratory analytical reports for the fourth quarter event are included in Appendix B.

Water quality parameters were collected during the fourth 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 fourth quarter 2013 event.

3.3 Data Quality Assurance / Quality Control

A trip blank, matrix spike and 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 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.

The duplicate sample was in compliance with QA/QC standards. MW-14 and associated duplicate sample (DUP) returned results for benzene of 0.0460 mg/l and 0.0636 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. LNAPL recovery from the extraction wells is currently the primary remediation goal at the Site. On December 4, 2013, the SVE blower on the northern remediation skid was started and vacuum was applied at eight extraction wells (TW-O, TW-J, PW-FF, TW-C, MW-11, PW-EE, PW-DD, and PW-G). Vacuum was applied at the extraction well locations in conjunction with Spill Buster operation to evaluate the effectiveness that applied vacuum may have on LNAPL extraction rates.

To facilitate the automated LNAPL seeking function of the Spill Buster units and the requisite movement of the ancillary equipment cables and LNAPL conveyance tubing, modified Fernco[®] couplers were installed at each well head to achieve a partial seal and introduce applied vacuum on the formation to attempt increased LNAPL recovery rates.

Subsequent to SVE startup, operational parameters were collected as provided below and SVE system influence on LNAPL recovery rates during December 2013 are discussed in Section 4.3. The SVE system operated continuously between December 4 and 31, 2013 with no downtime.

Hobbs - SVE Operational Parameters

Date	Influent*		Effluent**	
12/6/2014	Vacuum (in-H ₂ O)	-44	Pressure (in-H ₂ O)	1.5
	Flow (cfm)	268.2	Flow (cfm)	OL
	Temperature (°f)	64.6	Temperature (°f)	56.3

* Values collected at the influent manifold near the northern remediation skid.

** Values collected at the effluent stack for the SVE blower.

OL - Value was over the maximum limit for the instrument.

in-H₂O - Inches of water.

cfm - Cubic feet per minute.

°F - Degrees Fahrenheit.

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 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.

Between September 25, and December 26, 2013, the LNAPL System recovered 3,161.82 gallons of LNAPL with an average extraction rate of 37.73 gallons per day (gpd). The total volume of LNAPL recovered since remediation at the Site began in January 2005 is 38,359.29 gallons.

As reported in the Third Quarter 2013 Groundwater Monitoring and Activities Summary Report, the Spill Buster pumps at extraction wells PW-BB, PW-DD, PW-EE, & TW-B were removed during July 2013 and shipped back to the manufacturer for warranty repairs. Repairs to the four units were completed during the reporting period and the pumps were re-installed within the wells between November 4 and 13, 2013. Subsequent to installation of the Spill Buster units at those wells, the LNAPL extraction rate increased to an average of 76.52 gpd between November 4 and 27, 2013.

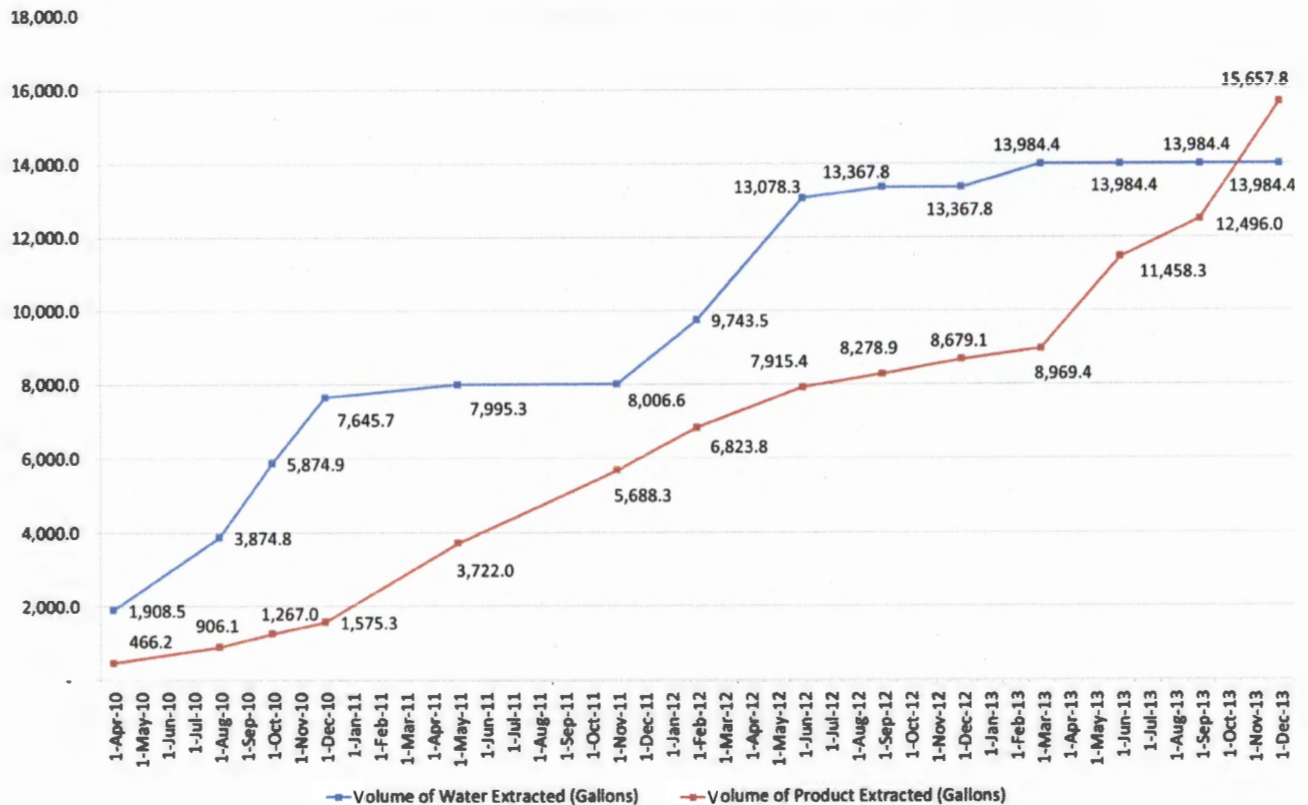
Additionally, during the reporting period, a solar powered spill buster unit with a 500-gallon polyethylene recovery tank, previously installed at monitoring well MW-10, was moved to monitoring well MW-12 and operation was commenced on December 18, 2013. The Spill Buster unit was moved to MW-12 due to a decreased LNAPL thickness at MW-10 to less than 0.2-feet. A total of 22.66 gallons of product was removed from MW-10 between May 6 and December 5, 2013. Between December 18 and 26, 2013, the Spill Buster at MW-12 removed 157.13 gallons of LNAPL with an average extraction rate of 19.64 gpd.

Incremental and cumulative recovery volumes from April of 2010 through the fourth quarter 2013 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

**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 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 fourth 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 continued to remain at increased levels following installation of the LNAPL System and incidental groundwater recovery has been eliminated.
- Following the removal of the Spill Buster at MW-10, LNAPL recovery or “rebound” has not occurred in the well indicating significant depletion of the LNAPL volume in the vicinity of this recovery location.
- Operation of the Spill Buster unit at MW-12 has added significant recovery rates to the overall LNAPL extraction effort at the Site.
- Operation of SVE at eight extraction wells appears to have had an effect on overall LNAPL extraction rates, however, further evaluation during the first quarter 2014 is required.
- Dissolved phase hydrocarbon concentrations observed during the fourth 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 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. Should the extraction rate decrease at that location, moving the unit to other wells on a monthly or quarterly basis to allow the LNAPL levels at those locations to recharge may be warranted;
- 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
FOURTH 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*	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-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-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-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-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-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-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-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 ^(*)	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-10*	12/2/2013	50.73	50.59	0.14	58.28	3621.07	3570.45	-0.75
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	NM	NM	NM
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

TABLE 1
FOURTH 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-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-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-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-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-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-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-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-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-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-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

TABLE 1
FOURTH 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	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-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
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-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-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
Average change in groundwater elevation since the previous monitoring event								-0.06

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. 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.

Sample locations are shown on Figure 2 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
FOURTH 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	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-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-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-7	12/5/2012	NS	NS	NS	NS	Insufficient water to sample
MW-7	2/19/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	6/3/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	9/10/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	12/2/2013	NS	NS	NS	NS	Insufficient water to sample
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-10	12/2/2013	LNAPL	LNAPL	LNAPL	LNAPL	
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 - 0.0306 mg/L benzene
MW-14	9/10/2013	0.0959	<0.002	0.0016	<0.003	Duplicate - 0.0739 mg/L benzene
MW-14	12/2/2013	0.0460	<0.002	0.0011	<0.003	Duplicate - 0.0636 mg/L benzene
MW-15	12/5/2012	0.0027	<0.002	<0.002	<0.003	Duplicate - 0.0025 mg/L benzene
MW-15	2/19/2013	0.0020	<0.002	<0.002	<0.003	Duplicate - 0.0019 mg/L benzene
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-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-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	

TABLE 2
FOURTH 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	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 - 0.0072 mg/L benzene
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 - 0.00050 mg/L benzene
MW-19D	12/2/2013	0.00057	<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-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-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	0.00084	0.0054	
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-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-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	

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 A.

Bold 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

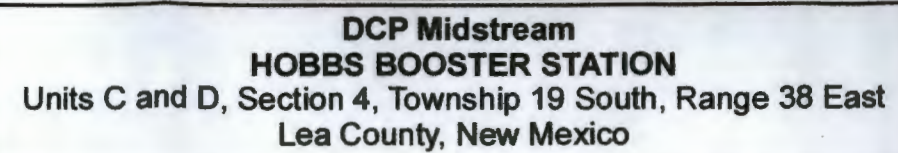
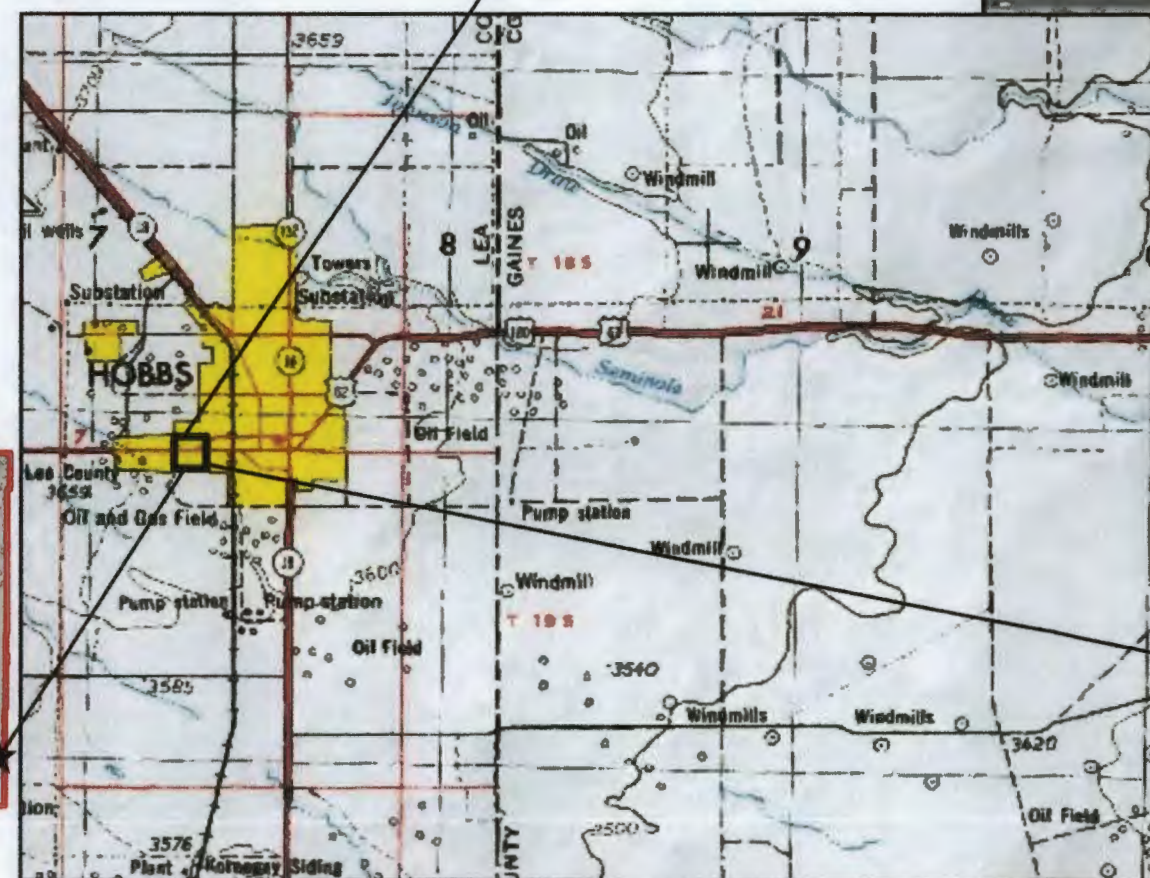


Figure
1

DATE:	January 2014
DESIGNED BY:	J. Barker
DRAWN BY:	D. Arnold



Tasman Geosciences, LLC
6899 Pecos Street - Unit C
Denver, CO 80221



DATE: January 2014

DESIGNED BY: D. Arnold

DRAWN BY: D. Arnold

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 MAP

Figure 2



DATE: January 2014
 DESIGNED BY: J. Barker
 DRAWN BY: D. Arnold

TASMAN Tasman Geosciences, LLC
 GEOSCIENCES 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

**GROUNDWATER ELEVATION
 CONTOUR MAP**
 (DECEMBER 2, 2013)

**Figure
 3**



DATE: January 2014
 DESIGNED BY: J. Barker
 DRAWN BY: D. Arnold

TASMAN Tasman Geosciences, LLC
 GEOSCIENCES 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

ANALYTICAL RESULTS
MAP
 (DECEMBER 02, 2013)

Figure
4

Appendix A
Historical Analytical Results

**APPENDIX A
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	<0.002	0.047	0.066	
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-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-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	

**APPENDIX A
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	<0.002	<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	
MW-7	6/6/2012	NS	NS	NS	NS	Insufficient water to sample
MW-7	9/6/2012	NS	NS	NS	NS	Insufficient water to sample
MW-7	12/5/2012	NS	NS	NS	NS	Insufficient water to sample
MW-7	2/19/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	6/3/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	9/10/2013	NS	NS	NS	NS	Insufficient water to sample
MW-7	12/2/2013	NS	NS	NS	NS	Insufficient water to sample
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	

**APPENDIX A
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	3/23/2005	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	<0.0043	<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	<0.0043	<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

**APPENDIX A
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	<0.001	<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	

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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	<0.001	<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-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	

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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	<0.002	<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	

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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-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-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	

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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-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	

**APPENDIX A
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-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-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	

**APPENDIX A
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-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-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	

**APPENDIX A
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-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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SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
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-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.

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

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



12/11/13

Technical Report for

DCP Midstream, LP

TASMCOA:DCP Hobbs Booster Station

RC-GN00 Project-400128005

Accutest Job Number: D53205

Sampling Date: 12/02/13

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: 32



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.

A handwritten signature in black ink, appearing to read "Scott Heideman".

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)

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Test results relate only to samples analyzed.

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Sample Summary

DCP Midstream, LP

Job No: D53205

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

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
D53205-1	12/02/13	14:00 CW	12/06/13	AQ	Ground Water	MW-14
D53205-2	12/02/13	14:20 CW	12/06/13	AQ	Ground Water	MW-15
D53205-3	12/02/13	15:05 CW	12/06/13	AQ	Ground Water	MW-16
D53205-3D	12/02/13	15:05 CW	12/06/13	AQ	Ground Water	MW-16
D53205-3M	12/02/13	15:05 CW	12/06/13	AQ	Ground Water	MW-16
D53205-4	12/02/13	15:40 CW	12/06/13	AQ	Ground Water	MW-19
D53205-5	12/02/13	15:55 CW	12/06/13	AQ	Ground Water	MW-19D
D53205-6	12/02/13	16:35 CW	12/06/13	AQ	Ground Water	MW-20
D53205-7	12/02/13	15:30 CW	12/06/13	AQ	Ground Water	MW-21
D53205-8	12/02/13	16:05 CW	12/06/13	AQ	Ground Water	MW-22
D53205-9	12/02/13	13:45 CW	12/06/13	AQ	Ground Water	MW-23
D53205-10	12/02/13	13:30 CW	12/06/13	AQ	Ground Water	MW-24
D53205-11	12/02/13	13:35 CW	12/06/13	AQ	Ground Water	MW-25



Accutest Laboratories

Sample Summary
(continued)

DCP Midstream, LP

Job No: D53205

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

Sample Number	Collected Date	Time By	Received	Matrix Code Type	Client Sample ID
D53205-12	12/02/13	00:00 CW	12/06/13	AQ Ground Water	DUP
D53205-13	12/02/13	13:00 CW	12/06/13	AQ Trip Blank Water	TRIP BLANK



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: DCP Midstream, LP

Job No D53205

Site: TASMCOA:DCP Hobbs Booster Station

Report Date 12/11/2013 9:42:08 AM

On 12/06/2013, 12 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 1 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D53205 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:	V6V1247
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- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D53202-7MS, D53202-7MSD were used as the QC samples indicated.

Matrix	AQ	Batch ID:	V6V1248
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- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D53205-3MS, D53205-3MSD 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

Page 1 of 2

Job Number: D53205
Account: DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station
Collected: 12/02/13

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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D53205-1 MW-14

Benzene	0.0460	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.0011 J	0.0020	0.00025	mg/l	SW846 8260B

D53205-2 MW-15

Benzene	0.0017	0.0010	0.00025	mg/l	SW846 8260B
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D53205-3 MW-16

No hits reported in this sample.

D53205-4 MW-19

No hits reported in this sample.

D53205-5 MW-19D

Benzene	0.00057 J	0.0010	0.00025	mg/l	SW846 8260B
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D53205-6 MW-20

No hits reported in this sample.

D53205-7 MW-21

No hits reported in this sample.

D53205-8 MW-22

Benzene	0.0087	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.00084 J	0.0020	0.00025	mg/l	SW846 8260B
Xylene (total)	0.0054	0.0030	0.0020	mg/l	SW846 8260B

D53205-9 MW-23

No hits reported in this sample.

D53205-10 MW-24

No hits reported in this sample.

Summary of Hits

Page 2 of 2

Job Number: D53205
Account: DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station
Collected: 12/02/13

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
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D53205-11 **MW-25**

No hits reported in this sample.

D53205-12 **DUP**

Benzene	0.0636	0.0010	0.00025	mg/l	SW846 8260B
Ethylbenzene	0.0010 J	0.0020	0.00025	mg/l	SW846 8260B

D53205-13 **TRIP BLANK**

No hits reported in this sample.



Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: MW-14
Lab Sample ID: D53205-1
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 12/02/13
Date Received: 12/06/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22451.D	1	12/07/13	BR	n/a	n/a	V6V1247
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	0.0460	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0011	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	107%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	100%		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

Page 1 of 1

Client Sample ID: MW-15
Lab Sample ID: D53205-2
Matrix: AQ - Ground Water
Method: SW846 8260B
Project: TASMCOA:DCP Hobbs Booster Station

Date Sampled: 12/02/13
Date Received: 12/06/13
Percent Solids: n/a

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22458.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	0.0017	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	107%		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-16	Date Sampled:	12/02/13
Lab Sample ID:	D53205-3	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22459.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	103%		62-130%
2037-26-5	Toluene-D8	106%		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-19	Date Sampled:	12/02/13
Lab Sample ID:	D53205-4	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22462.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	104%		62-130%
2037-26-5	Toluene-D8	108%		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

Page 1 of 1

Client Sample ID: MW-19D	Date Sampled: 12/02/13
Lab Sample ID: D53205-5	Date Received: 12/06/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: TASMCOA:DCP Hobbs Booster Station	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22463.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	0.00057	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	102%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	100%		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

Page 1 of 1

Client Sample ID:	MW-20	Date Sampled:	12/02/13
Lab Sample ID:	D53205-6	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22464.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	105%		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

Page 1 of 1

Client Sample ID:	MW-21	Date Sampled:	12/02/13
Lab Sample ID:	D53205-7	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22465.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	107%		62-130%
2037-26-5	Toluene-D8	106%		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

Page 1 of 1

Client Sample ID:	MW-22	Date Sampled:	12/02/13
Lab Sample ID:	D53205-8	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22466.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	0.0087	0.0010	0.00025	mg/l	
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)	0.0054	0.0030	0.0020	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
17060-07-0	1,2-Dichloroethane-D4	103%		62-130%
2037-26-5	Toluene-D8	107%		70-130%
460-00-4	4-Bromofluorobenzene	103%		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

Page 1 of 1

Client Sample ID:	MW-23	Date Sampled:	12/02/13
Lab Sample ID:	D53205-9	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22467.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	108%		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

Page 1 of 1

Client Sample ID:	MW-24	Date Sampled:	12/02/13
Lab Sample ID:	D53205-10	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22468.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	104%		62-130%
2037-26-5	Toluene-D8	106%		70-130%
460-00-4	4-Bromofluorobenzene	100%		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

Page 1 of 1

Client Sample ID: MW-25	Date Sampled: 12/02/13
Lab Sample ID: D53205-11	Date Received: 12/06/13
Matrix: AQ - Ground Water	Percent Solids: n/a
Method: SW846 8260B	
Project: TASMCOA:DCP Hobbs Booster Station	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22469.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	109%		62-130%
2037-26-5	Toluene-D8	106%		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

Page 1 of 1

Client Sample ID:	DUP	Date Sampled:	12/02/13
Lab Sample ID:	D53205-12	Date Received:	12/06/13
Matrix:	AQ - Ground Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22470.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	0.0636	0.0010	0.00025	mg/l	
108-88-3	Toluene	ND	0.0020	0.0010	mg/l	
100-41-4	Ethylbenzene	0.0010	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	107%		62-130%
2037-26-5	Toluene-D8	109%		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

Report of Analysis

Page 1 of 1

Client Sample ID:	TRIP BLANK	Date Sampled:	12/02/13
Lab Sample ID:	D53205-13	Date Received:	12/06/13
Matrix:	AQ - Trip Blank Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	TASMCOA:DCP Hobbs Booster Station		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	6V22471.D	1	12/07/13	BR	n/a	n/a	V6V1248
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	107%		62-130%
2037-26-5	Toluene-D8	108%		70-130%
460-00-4	4-Bromofluorobenzene	100%		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



Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

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

Client / Reporting Information		Project Information						Requested Analysis (see TEST CODE sheet)												Matrix Codes											
Company Name Tasman Geosciences		Project Name: DCP HOBBS BOOSTER STATION																													
Street Address 6899 Pecos Street Unit C		Street																													
City Denver CO 80221		City		State		Billing Information (if different from Report to) Company Name DCP Midstream																									
Project Contact Christine Wasko cwasco@tasman-geo.com		Project # RC - GN06 Project - 400128005		Street Address PO Box 4870																											
Phone # 720-409-8791		Client Purchase Order #		City Portland OR 97208-4870																											
Sampler(s) Name(s) CHRISTINE WASKO		Project Manager Jim Dawe jdawe@tasman-geo.com		Attention: Steve Weathers swwathers@dcpmidstream.com																											
				Number of preserved bottles																											
Field ID / Point of Collection		MECH-ID Vial #		Date	Time	Sampled by	Matrix	# of bottles	VOL	MECH	HNO3	H2SO4	HClO4	NONE	D5 Water	MECH	BNCORE	LAB USE ONLY													
MW-14	N/A	12/21/13	1400	CW	GW	3	3											X	01												
MW-15			1420		GW	3	3											X	02												
MW-16			1505		GW	3	3											X	03												
MW-16 MS/MSD			1505		GW	6	6											X	03												
MW-19			1540		GW	3	3											X	04												
MW-19D			1555		GW	3	3											X	05												
MW-20			1635		GW	3	3											X	06												
MW-21			1830		GW	3	3											X	07												
MW-22			1605		GW	3	3											X	08												
MW-23			1345		GW	3	3											X	09												
MW-24			1330		GW	3	3											X	10												
MW-25			1335		GW	3	3											X	11												
Turnaround Time (Business days)		Date Deliverable Information						Comments / Special Instructions																							
☐ Std. 15 Business Days ☐ Std. 10 Business Days ☐ 8 Day RUSH ☐ 3 Day Emergency ☐ 2 Day Emergency ☐ 1 Day Emergency ☒ STD 5 business Days per contract Emergency & Rush T/A data available VIA Lablink.		Approved By (Accusent PM) / Date:						☐ Commercial "A" (Level 1) ☐ Commercial "B" (Level 2) ☒ COMMEN ☐ COMMBN+ ☐						☐ State Forms Required ☐ Send Forms to State ☐ Report by Fax ☒ Report by PDF ☐ EDD Format Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial BN = Results/QC/Narrative (+ = chromatograms)						Email results to Steve Weathers phone CC: CWASCO@TASMAN-Geo.COM											
Retiquished by Sampler:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:		Sample Custody must be documented below each time samples change possession, including courier delivery.													
Retiquished by Sampler:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:															
Retiquished by:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:															
Retiquished by:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:		Retiquished By:		Date Time:		Received By:															

D53205: Chain of Custody

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Accutest Laboratories Sample Receipt Summary

Accutest Job Number: D53205

Client: TASMAN GEOSCIENCES

Immediate Client Services Action Required: No

Date / Time Received: 12/6/2013 10:30:00 AM

No. Coolers: 1

Client Service Action Required at Login: No

Project: DCP HOBBS BOOSTERS STATION

Airbill #'s: Fedex

Cooler Security

Y or N

1. Custody Seals Present: ☒ ☐
2. Custody Seals Intact: ☒ ☐

3. COC Present: ☒ ☐
4. Smpl Dates/Time OK: ☒ ☐

Cooler Temperature

Y or N

1. Temp criteria achieved: ☒ ☐
2. Cooler temp verification: Infrared 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

D53205: Chain of Custody
Page 3 of 3

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

Page 1 of 1

Job Number: D53205
Account: DCPMCDN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1247-MB	6V22433.D	1	12/06/13	BR	n/a	n/a	V6V1247

The QC reported here applies to the following samples:

Method: SW846 8260B

D53205-1

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	105% 62-130%
2037-26-5	Toluene-D8	109% 70-130%
460-00-4	4-Bromofluorobenzene	101% 69-130%

Method Blank Summary

Page 1 of 1

Job Number: D53205
Account: DCPMCOA DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1248-MB	6V22456.D	1	12/07/13	BR	n/a	n/a	V6V1248

The QC reported here applies to the following samples:

Method: SW846 8260B

D53205-2, D53205-3, D53205-4, D53205-5, D53205-6, D53205-7, D53205-8, D53205-9, D53205-10, D53205-11, D53205-12, D53205-13

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	105%	62-130%
2037-26-5	Toluene-D8	107%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

Blank Spike Summary

Page 1 of 1

Job Number: D53205

Account: DCPM CODN DCP Midstream, LP

Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1247-BS	6V22434.D	1	12/06/13	BR	n/a	n/a	V6V1247

The QC reported here applies to the following samples:

Method: SW846 8260B

D53205-1

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.9	102	70-130
100-41-4	Ethylbenzene	50	51.0	102	70-130
108-88-3	Toluene	50	51.6	103	70-130
1330-20-7	Xylene (total)	150	152	101	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	106%	62-130%
2037-26-5	Toluene-D8	105%	70-130%
460-00-4	4-Bromofluorobenzene	102%	69-130%

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D53205
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
V6V1248-BS	6V22457.D	1	12/07/13	BR	n/a	n/a	V6V1248

The QC reported here applies to the following samples:

Method: SW846 8260B

D53205-2, D53205-3, D53205-4, D53205-5, D53205-6, D53205-7, D53205-8, D53205-9, D53205-10, D53205-11, D53205-12, D53205-13

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
71-43-2	Benzene	50	50.0	100	70-130
100-41-4	Ethylbenzene	50	49.5	99	70-130
108-88-3	Toluene	50	50.3	101	70-130
1330-20-7	Xylene (total)	150	146	97	70-130

CAS No.	Surrogate Recoveries	BSP	Limits
17060-07-0	1,2-Dichloroethane-D4	103%	62-130%
2037-26-5	Toluene-D8	104%	70-130%
460-00-4	4-Bromofluorobenzene	101%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D53205

Account: DCPMCOA DCP Midstream, LP

Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D53202-7MS	6V22447.D	1	12/06/13	BR	n/a	n/a	V6V1247
D53202-7MSD	6V22448.D	1	12/06/13	BR	n/a	n/a	V6V1247
D53202-7	6V22446.D	1	12/06/13	BR	n/a	n/a	V6V1247

The QC reported here applies to the following samples:

Method: SW846 8260B

D53205-1

CAS No.	Compound	D53202-7 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	51.5	103	51.6	103	0	62-130/30
100-41-4	Ethylbenzene	ND	50	51.7	103	51.4	103	1	63-130/30
108-88-3	Toluene	ND	50	51.2	102	51.2	102	0	60-130/30
1330-20-7	Xylene (total)	ND	150	152	101	151	101	1	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D53202-7	Limits
17060-07-0	1,2-Dichloroethane-D4	112%	110%	107%	62-130%
2037-26-5	Toluene-D8	104%	103%	108%	70-130%
460-00-4	4-Bromofluorobenzene	104%	101%	101%	69-130%

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D53205
Account: DCPMCO DN DCP Midstream, LP
Project: TASMCOA:DCP Hobbs Booster Station

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
D53205-3MS	6V22460.D	1	12/07/13	BR	n/a	n/a	V6V1248
D53205-3MSD	6V22461.D	1	12/07/13	BR	n/a	n/a	V6V1248
D53205-3	6V22459.D	1	12/07/13	BR	n/a	n/a	V6V1248

The QC reported here applies to the following samples:

Method: SW846 8260B

D53205-2, D53205-3, D53205-4, D53205-5, D53205-6, D53205-7, D53205-8, D53205-9, D53205-10, D53205-11, D53205-12, D53205-13

CAS No.	Compound	D53205-3 ug/l	Spike Q	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
71-43-2	Benzene	ND	50	50.1	100	52.4	105	4	62-130/30
100-41-4	Ethylbenzene	ND	50	49.4	99	51.9	104	5	63-130/30
108-88-3	Toluene	ND	50	49.4	99	51.9	104	5	60-130/30
1330-20-7	Xylene (total)	ND	150	146	97	153	102	5	67-130/30

CAS No.	Surrogate Recoveries	MS	MSD	D53205-3	Limits
17060-07-0	1,2-Dichloroethane-D4	105%	108%	103%	62-130%
2037-26-5	Toluene-D8	103%	104%	106%	70-130%
460-00-4	4-Bromofluorobenzene	101%	102%	99%	69-130%

* = Outside of Control Limits.