

AP-55

**2nd QTR GW Results LP
RR Ext. Pipeline Release**

DATE

September 4, 2014



DCP Midstream
370 17th Street, Suite 2500
Denver, CO 80202
303-595-3331
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September 4, 2014

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

RE: 2nd Quarter 2014 Groundwater Results
DCP Midstream, LP RR Ext. Pipeline Release (AP #55)
Unit C, Section 19, Township 20 South, Range 37 East
Lea County, New Mexico

Dear Mr. Lowe:

DCP Midstream, LP (DCP) is pleased to submit for your review, one copy of the 2nd Quarter 2014 Groundwater Results for the DCP RR Ext. Pipeline Release located in Lea County, New Mexico (Unit C, Section 19, Township 20 South, Range 37 East).

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

Sincerely

DCP Midstream, LP

A handwritten signature in black ink, appearing to read "Stephen Weathers", is written over a horizontal line.

Stephen Weathers, PG
Principal Environmental Specialist

cc: Tomas Oberding, OCD Hobbs District (Via Email)
Environmental Files

Second Quarter 2014 Groundwater Monitoring Summary Report

RR Extension Pipeline Release
Lea County, New Mexico
AP #55

Prepared for:



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

Prepared by:



6899 Pecos Street, Unit C
Denver, Colorado 80221

August 21, 2014

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- B Laboratory Analytical Report (Electronic Only)
 - Accutest Job #: D58509

1. Introduction

This report summarizes the groundwater monitoring and remediation activities conducted during the second quarter 2014 at the RR-Extension pipeline release (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences, LLC (Tasman) performed these activities on behalf of DCP Midstream, LP (DCP). The field activities were conducted with the purpose of monitoring groundwater flow and quality conditions and assessing the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons in the Site subsurface. Current Site conditions were evaluated from field data and analytical laboratory results collected during the reporting period on June 3, 2014.

2. Site Location and Background

The Site is located in the northeastern quarter of the northwestern quarter (Unit C) of Section 19, Township 20 South, Range 37 East (approximate coordinates 32.562339 degrees north and 103.291739 degrees west). It is approximately 4.25 miles south of the intersection of US Highway 322 and County Road 41. The area is sparsely populated and land use is primarily associated with livestock grazing and oil and gas production and gathering.

Based on information included in historical Site investigation reports, a natural gas condensate release of approximately 30 barrels (bbl) was reported on December 13, 2006 (Assigned Site Reference #130040). Subsequent to preliminary investigation and characterization activities, an excavation was conducted at the Site (November 10, 2008 to December 7, 2008) whereby approximately 11,356 cubic yards of impacted material were removed. The excavation extended to approximately 20-feet below ground surface over a surface area of approximately 14,800 square feet. Backfill material was placed into the excavation and surface restoration was completed by January 12, 2009. These activities are described within the document *Closure Report – RR Extension Release Site* dated February 2009 prepared by Environmental Plus, Inc.

LNAPL has been identified immediately above the water table at a depth of approximately 30-feet below the ground surface. LNAPL continues to be observed at monitoring well locations to the south and east of the original release and excavation limits. Investigation activities conducted at the Site include installation of groundwater monitoring wells and excavation during the time periods listed below:

- MW-1 through MW-5: Installed March 2008.
- MW-6 through MW-8: Installed June 2008.
- Excavation and Backfill: Initiated – November 10, 2008; Completed – January 12, 2009.
- MW-9 through MW-12: Installed June 2010.
- MW-13 through MW-16: Installed January 2011.

Ongoing monitoring and sampling of the Site wells listed above has been conducted on an approximate quarterly basis following installation. The historic monitoring data indicate the presence of LNAPL and dissolved-phase impacts in the area of the original release. Progressive installation of monitoring wells has delineated the area in which these impacts are observed.

Boring logs for the monitoring wells at the Site indicate that the subsurface geology is typical of unconsolidated fine-grained sand, silt, and clay sediments.

3. Groundwater Monitoring

This section describes the field and laboratory activities performed during the second quarter 2014 groundwater monitoring event. Quarterly monitoring activities were conducted on June 3, 2014 and included Site-wide groundwater gauging, LNAPL measurements, and groundwater sampling. 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 seasonal fluctuations in groundwater and LNAPL elevations at the Site. During the second quarter 2014, groundwater levels were measured at sixteen monitoring well locations. LNAPL was detected in the following five locations, with the measured thickness indicated in parenthesis:

The observed LNAPL thickness in these wells exhibited an average decrease of 0.22 ft from the previous monitoring event.

- MW-3 (0.02 feet)
- MW-4 (0.10 feet)
- MW-5 (0.46 feet)
- MW-9 (0.61 feet)
- MW-10 (0.52 feet)
- Average decrease from previous monitoring event: 0.22 feet

Groundwater and LNAPL levels were measured on the north side of the well casing to the nearest 0.01-foot using an oil-water interface probe (IP). Groundwater level data were later converted to elevation (feet above mean sea level [AMSL]). Measured groundwater levels, calculated groundwater elevations, and LNAPL level data are presented in Table 1.

A second quarter 2014 groundwater elevation contour map, included as Figure 3, indicates that groundwater flow at the Site trends to the southeast. The range of groundwater elevations, average elevation change from the previous monitoring event, and the calculated hydraulic gradient at the Site are summarized in the table below.

Summary of Measured Hydraulic Parameters

| | Second Quarter 2014 (6/3/14) |
|---|------------------------------|
| Maximum Elevation (Well ID) | 3505.05 (MW-13) |
| Minimum Elevation (Well ID) | 3504.35 (MW-6) |
| Average Change from Previous Monitoring Event – All Wells | -0.04 foot |
| Hydraulic Gradient (ft/ft) / (Well IDs) | 0.0018 (MW-8 to MW-6) |

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected for each of the eleven monitoring wells that did not contain measurable LNAPL using dedicated polyethylene bailers.

A minimum of three well casing volumes of groundwater were purged from each monitoring well prior to collecting groundwater samples. Groundwater samples were placed in clean laboratory supplied containers for the selected analytical methods, packed in an ice-filled cooler and maintained at approximately four degrees Celsius ($^{\circ}\text{C}$) 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 submitted for analysis of benzene, toluene, ethylbenzene, and xylene (BTEX) by United States Environmental Protection Agency (USEPA) Method 8260B and chloride by USEPA Method 300.

Table 2 summarizes BTEX and chloride concentrations in groundwater samples collected during the reporting period. Historic analytical results up to and including the June 2014 event are included in Appendix A and the laboratory analytical report for the second quarter event is included in Appendix B. Analytical results are also displayed on Figure 4.

Analytical results/observations are summarized below:

- Benzene concentrations in groundwater samples from wells MW-1 and MW-2 were in exceedance of the New Mexico Water Quality Control Commission (NMWQCC) Standard.
- BTEX concentrations at the remaining nine sample locations were below laboratory detection limits.
- LNAPL was detected at five locations, as referenced in Section 3.1 above.
- Chloride was detected in all eleven of the sampled wells with concentrations ranging from 333 mg/L in MW-16 to 547 mg/L in MW-14. Chloride values in all of the wells exceeded the NMWQCC suggested guideline of 250 mg/L.

3.3 Data Quality Assurance / Quality Control

A trip blank, matrix spike / matrix spike duplicate (MS/MSD) was collected at MW-13, and a field duplicate sample was collected from MW-1 during the second quarter 2014 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 second quarter 2014 include the following:

- Target analytes were not detected in the trip blank; and
- The duplicate sample collected at MW-1 was in compliance with QA/QC standards. MW-1 and the associated duplicate sample both exhibited benzene concentrations of 0.0157 mg/L.

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

4. Remediation Activities

A vacuum enhanced fluid recovery (EFR) event was conducted during the reporting period along with continued deployment of a passive LNAPL collection bailer. These efforts are described in the subsequent sections.

4.1 Vacuum Enhanced LNAPL Recovery

EFR was conducted at the Site on June 24, 2014 and included application of high vacuum (using a vacuum truck) to individual well points through a stinger pipe assembly. The stinger was placed slightly below the LNAPL/groundwater interface, thereby removing LNAPL, groundwater, and vapors from the subsurface.

The table below summarizes the wells, pre- and post-EFR LNAPL thickness, duration, and recovered volume for the EFR activities conducted during the second quarter 2014. The recovered LNAPL and groundwater was transported to and disposed of at the Cooper Disposal Facility in Hobbs, New Mexico.

| Well ID | LNAPL Thickness [ft] (pre-EFR) | Duration (hours) | Fluid Removal Volume (bbl*) | LNAPL Thickness [ft] (post-EFR) |
|---------|-----------------------------------|---------------------|--------------------------------|------------------------------------|
| MW-3 | 0.02 | 1 | 5 | 0.0 |
| MW-4 | 0.10 | 3.5 | 20 | 0.0 |
| MW-5 | 0.58 | | | 0.0 |
| MW-9 | 0.70 | 3.5 | 35 | 0.0 |
| MW-10 | 0.61 | | | 0.0 |
| Total | 2.01 | 8 | 60 | 0.0 |

Note:

bbl = barrel (42 gallons)

4.2 LNAPL Collection Bailer

A passive LNAPL collection bailer has been deployed at monitoring well MW-4. During the second quarter 2014 monitoring event, approximately 0.5 liters of LNAPL were recovered from the bailer. The LNAPL collection bailer was replaced within MW-4 at the level of the LNAPL/groundwater interface.

5. Conclusions

Comparison of the second quarter 2014 monitoring data and historic information provides the following general observations:

- The groundwater elevation beneath the Site has remained stable with minor seasonal and annual fluctuations since monitoring was initiated in 2008. There was no significant deviation from this trend during the reporting period.
- LNAPL persists in monitoring wells MW-3, MW-4, MW-5, MW-9 and MW-10, however the measured LNAPL thickness indicated an overall decrease from the previous quarter. Subsequent observations will be required to determine if the decrease is indicative of a declining trend.
- Benzene concentrations in exceedance of NMWQCC standards persist in MW-1 and MW-2. The remaining 9 sample locations exhibited BTEX concentrations below laboratory detection limits during the second quarter 2014 suggesting the dissolved phase petroleum hydrocarbon plume is stagnant, possibly due to attenuation, low permeability aquifer material, low hydraulic gradient, or a combination of these factors.

6. Recommendations

Based on evaluation of data from the second quarter 2014 and historic Site observations and monitoring results, recommendations for future activities include:

- Continue quarterly groundwater monitoring and sampling at the monitoring well locations illustrated on Figure 2.
- Continue quarterly vacuum enhanced fluid recovery events at all 5 monitoring wells at the Site containing measurable LNAPL.
- Continue to monitor and recover LNAPL from the passive collection bailer installed at MW-4.

Tables

TABLE 1
SECOND QUARTER 2014
SUMMARY OF GROUNDWATER ELEVATION DATA
RR-EXTENSION PIPELINE RELEASE
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 | 06/02/2013 | 29.60 | | | 39.05 | 3534.57 | 3504.97 | 0.02 |
| MW-1 | 09/10/2013 | 29.89 | | | 39.05 | 3534.57 | 3504.68 | -0.29 |
| MW-1 | 12/03/2013 | 29.81 | | | 39.05 | 3534.57 | 3504.76 | 0.08 |
| MW-1 | 02/27/2014 | 29.68 | | | NM | 3534.57 | 3504.89 | 0.13 |
| MW-1 | 06/03/2014 | 29.75 | | | 38.80 | 3534.57 | 3504.82 | -0.07 |
| MW-2 | 06/02/2013 | 30.35 | | | 39.81 | 3535.18 | 3504.83 | 0.04 |
| MW-2 | 09/10/2013 | 30.68 | | | 39.81 | 3535.18 | 3504.50 | -0.33 |
| MW-2 | 12/03/2013 | 30.57 | | | 39.81 | 3535.18 | 3504.61 | 0.11 |
| MW-2 | 02/27/2014 | 30.46 | | | NM | 3535.18 | 3504.72 | 0.11 |
| MW-2 | 06/03/2014 | 30.49 | | | 39.50 | 3535.18 | 3504.69 | -0.03 |
| MW-3* | 06/02/2013 | 31.83 | 31.50 | 0.33 | | 3536.57 | 3504.99 | 0.03 |
| MW-3* | 09/10/2013 | 32.02 | 31.74 | 0.28 | | 3536.57 | 3504.76 | -0.23 |
| MW-3* | 12/03/2013 | 31.98 | 31.88 | 0.10 | | 3537.57 | 3505.67 | 0.90 |
| MW-3* | 02/27/2014 | 31.78 | 31.66 | 0.12 | NM | 3537.57 | 3505.88 | 0.22 |
| MW-3* | 06/03/2014 | 31.74 | 31.72 | 0.02 | NM | 3537.57 | 3505.85 | -0.03 |
| MW-4* | 06/02/2013 | 31.12 | 30.54 | 0.58 | | 3535.20 | 3504.52 | 0.14 |
| MW-4* | 09/10/2013 | 31.71 | 30.90 | 0.81 | | 3535.20 | 3504.10 | -0.42 |
| MW-4* | 12/03/2013 | 31.09 | 30.97 | 0.12 | | 3536.20 | 3505.20 | 1.10 |
| MW-4* | 02/27/2014 | 31.18 | 30.85 | 0.33 | NM | 3536.20 | 3505.27 | 0.07 |
| MW-4* | 06/24/2014 | 31.15 | 31.05 | 0.10 | NM | 3536.20 | 3505.13 | -0.14 |
| MW-5* | 06/02/2013 | 31.78 | 31.14 | 0.64 | | 3535.92 | 3504.62 | 0.05 |
| MW-5* | 09/10/2013 | 32.35 | 31.37 | 0.98 | | 3535.92 | 3504.31 | -0.31 |
| MW-5* | 12/03/2013 | 32.42 | 31.39 | 1.03 | | 3536.92 | 3505.27 | 0.97 |
| MW-5* | 02/27/2014 | 31.98 | 31.22 | 0.76 | NM | 3536.92 | 3505.51 | 0.24 |
| MW-5* | 06/03/2014 | 31.80 | 31.34 | 0.46 | NM | 3536.92 | 3505.47 | -0.05 |
| MW-6 | 06/02/2013 | 31.66 | | | 40.35 | 3536.16 | 3504.50 | 0.05 |
| MW-6 | 09/10/2013 | 31.95 | | | 40.35 | 3536.16 | 3504.21 | -0.29 |
| MW-6 | 12/03/2013 | 31.91 | | | 40.35 | 3536.16 | 3504.25 | 0.04 |
| MW-6 | 02/27/2014 | 31.78 | | | NM | 3536.16 | 3504.38 | 0.13 |
| MW-6 | 06/03/2014 | 31.81 | | | 40.26 | 3536.16 | 3504.35 | -0.03 |
| MW-7 | 06/02/2013 | 32.37 | | | 40.25 | 3537.09 | 3504.72 | 0.04 |
| MW-7 | 09/10/2013 | 32.67 | | | 40.25 | 3537.09 | 3504.42 | -0.30 |
| MW-7 | 12/03/2013 | 32.62 | | | 40.25 | 3537.09 | 3504.47 | 0.05 |
| MW-7 | 02/27/2014 | 32.48 | | | NM | 3537.09 | 3504.61 | 0.14 |
| MW-7 | 06/03/2014 | 32.51 | | | 39.95 | 3537.09 | 3504.58 | -0.03 |
| MW-8 | 06/02/2013 | 31.31 | | | 39.42 | 3536.41 | 3505.10 | 0.02 |
| MW-8 | 09/10/2013 | 31.60 | | | 39.42 | 3536.41 | 3504.81 | -0.29 |
| MW-8 | 12/03/2013 | 31.52 | | | 39.42 | 3536.41 | 3504.89 | 0.08 |
| MW-8 | 02/27/2014 | 31.40 | | | NM | 3536.41 | 3505.01 | 0.12 |
| MW-8 | 06/03/2014 | 31.46 | | | 38.98 | 3536.41 | 3504.95 | -0.06 |
| MW-9* | 06/02/2013 | 29.76 | 29.00 | 0.76 | | 3534.20 | 3505.01 | 0.03 |
| MW-9* | 09/10/2013 | 30.28 | 29.26 | 1.02 | | 3534.20 | 3504.69 | -0.33 |
| MW-9* | 12/03/2013 | 30.33 | 29.27 | 1.06 | | 3535.20 | 3505.67 | 0.98 |
| MW-9* | 02/27/2014 | 29.91 | 29.09 | 0.82 | NM | 3535.20 | 3505.91 | 0.24 |
| MW-9* | 06/03/2014 | 29.81 | 29.20 | 0.61 | NM | 3535.20 | 3505.85 | -0.06 |

TABLE 1
SECOND QUARTER 2014
SUMMARY OF GROUNDWATER ELEVATION DATA
RR-EXTENSION PIPELINE RELEASE
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-10* | 06/02/2013 | 29.53 | 29.40 | 0.13 | | 3534.21 | 3504.78 | 0.05 |
| MW-10* | 09/10/2013 | 29.93 | 29.71 | 0.22 | | 3534.21 | 3504.45 | -0.33 |
| MW-10* | 12/03/2013 | 30.65 | 29.52 | 1.13 | | 3534.21 | 3504.41 | -0.04 |
| MW-10* | 02/27/2014 | 30.13 | 29.36 | 0.77 | NM | 3534.21 | 3504.66 | 0.25 |
| MW-10* | 06/03/2014 | 29.97 | 29.45 | 0.52 | NM | 3534.21 | 3504.63 | -0.03 |
| MW-11 | 06/02/2013 | 31.56 | | | 39.69 | 3536.19 | 3504.63 | 0.06 |
| MW-11 | 09/10/2013 | 31.91 | | | 39.69 | 3536.19 | 3504.28 | -0.35 |
| MW-11 | 12/03/2013 | 31.83 | | | 39.69 | 3536.19 | 3504.36 | 0.08 |
| MW-11 | 02/27/2014 | 31.71 | | | NM | 3536.19 | 3504.48 | 0.12 |
| MW-11 | 06/03/2014 | 31.73 | | | 39.25 | 3536.19 | 3504.46 | -0.02 |
| MW-12 | 06/02/2013 | 29.82 | | | 38.56 | 3534.47 | 3504.65 | 0.06 |
| MW-12 | 09/10/2013 | 30.16 | | | 38.56 | 3534.47 | 3504.31 | -0.34 |
| MW-12 | 12/03/2013 | 30.09 | | | 38.56 | 3534.47 | 3504.38 | 0.07 |
| MW-12 | 02/27/2014 | 29.96 | | | NM | 3534.47 | 3504.51 | 0.13 |
| MW-12 | 06/03/2014 | 29.97 | | | 38.17 | 3534.47 | 3504.50 | -0.01 |
| MW-13 | 06/02/2013 | 30.90 | | | 39.31 | 3536.08 | 3505.18 | -0.96 |
| MW-13 | 09/10/2013 | 31.20 | | | 39.31 | 3536.08 | 3504.88 | -0.30 |
| MW-13 | 12/03/2013 | 31.10 | | | 39.31 | 3536.08 | 3504.98 | 0.10 |
| MW-13 | 02/27/2014 | 30.99 | | | NM | 3536.08 | 3505.09 | 0.11 |
| MW-13 | 06/03/2014 | 31.03 | | | 38.66 | 3536.08 | 3505.05 | -0.04 |
| MW-14 | 06/02/2013 | 30.02 | | | 42.05 | 3534.96 | 3504.94 | 0.08 |
| MW-14 | 09/10/2013 | 30.35 | | | 42.05 | 3534.96 | 3504.61 | -0.33 |
| MW-14 | 12/03/2013 | 30.27 | | | 42.05 | 3534.96 | 3504.69 | 0.08 |
| MW-14 | 02/27/2014 | 30.14 | | | NM | 3534.96 | 3504.82 | 0.13 |
| MW-14 | 06/03/2014 | 30.17 | | | 41.25 | 3534.96 | 3504.79 | -0.03 |
| MW-15 | 06/02/2013 | 30.23 | | | 36.55 | 3534.90 | 3504.67 | 0.06 |
| MW-15 | 09/10/2013 | 30.57 | | | 36.55 | 3534.90 | 3504.33 | -0.34 |
| MW-15 | 12/03/2013 | 30.51 | | | 36.55 | 3534.90 | 3504.39 | 0.06 |
| MW-15 | 02/27/2014 | 30.36 | | | NM | 3534.90 | 3504.54 | 0.15 |
| MW-15 | 06/03/2014 | 30.39 | | | 38.41 | 3534.90 | 3504.51 | -0.03 |
| MW-16 | 06/02/2013 | 29.01 | | | 42.91 | 3533.68 | 3504.67 | 0.14 |
| MW-16 | 09/10/2013 | 29.43 | | | 42.91 | 3533.68 | 3504.25 | -0.42 |
| MW-16 | 12/03/2013 | 29.36 | | | 42.91 | 3533.68 | 3504.32 | 0.07 |
| MW-16 | 02/27/2014 | 29.22 | | | NM | 3533.68 | 3504.46 | 0.14 |
| MW-16 | 06/03/2014 | 29.25 | | | 42.09 | 3533.68 | 3504.43 | -0.03 |
| Average change in groundwater elevation (02/27/14 to 06/03/14) | | | | | | | | -0.04 |

Notes:

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

2- Total depths were collected and recorded during the second quarter 2014 monitoring event (with the exception of wells that contained LNAPL).

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

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

This table includes groundwater elevation data from the previous four monitoring events. Additional historic elevation data are available on request.

amsl - feet above mean sea level.

TOC - top of casing

* For wells that contained LNAPL, groundwater elevation was 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 was assumed to be approximately 0.75

TABLE 2
SECOND QUARTER 2014
SUMMARY OF BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|----------------------------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-1 | 06/03/2014 | 0.0157 | <0.002 | 0.0018 J | <0.003 | 466 | Duplicate Sample Collected |
| MW-1 (duplicate) | 06/03/2014 | 0.0157 | <0.002 | 0.0017 J | <0.003 | 488 | |
| MW-2 | 06/03/2014 | 0.842 | 0.0500 | 0.0609 | 0.101 | 440 | |
| MW-3 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-6 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 390 | |
| MW-7 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 359 | |
| MW-8 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 521 | |
| MW-9 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-11 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 434 | |
| MW-12 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 377 | |
| MW-13 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 354 | MS/MSD Sample Collected |
| MW-14 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 547 | |
| MW-15 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 374 | |
| MW-16 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 333 | |
| Trip Blank | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | NA | |

Notes:

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

2.) Data presented for the current sampling event. Historic groundwater analytical data are located in Appendix A.

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

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

J = reflects an estimated value

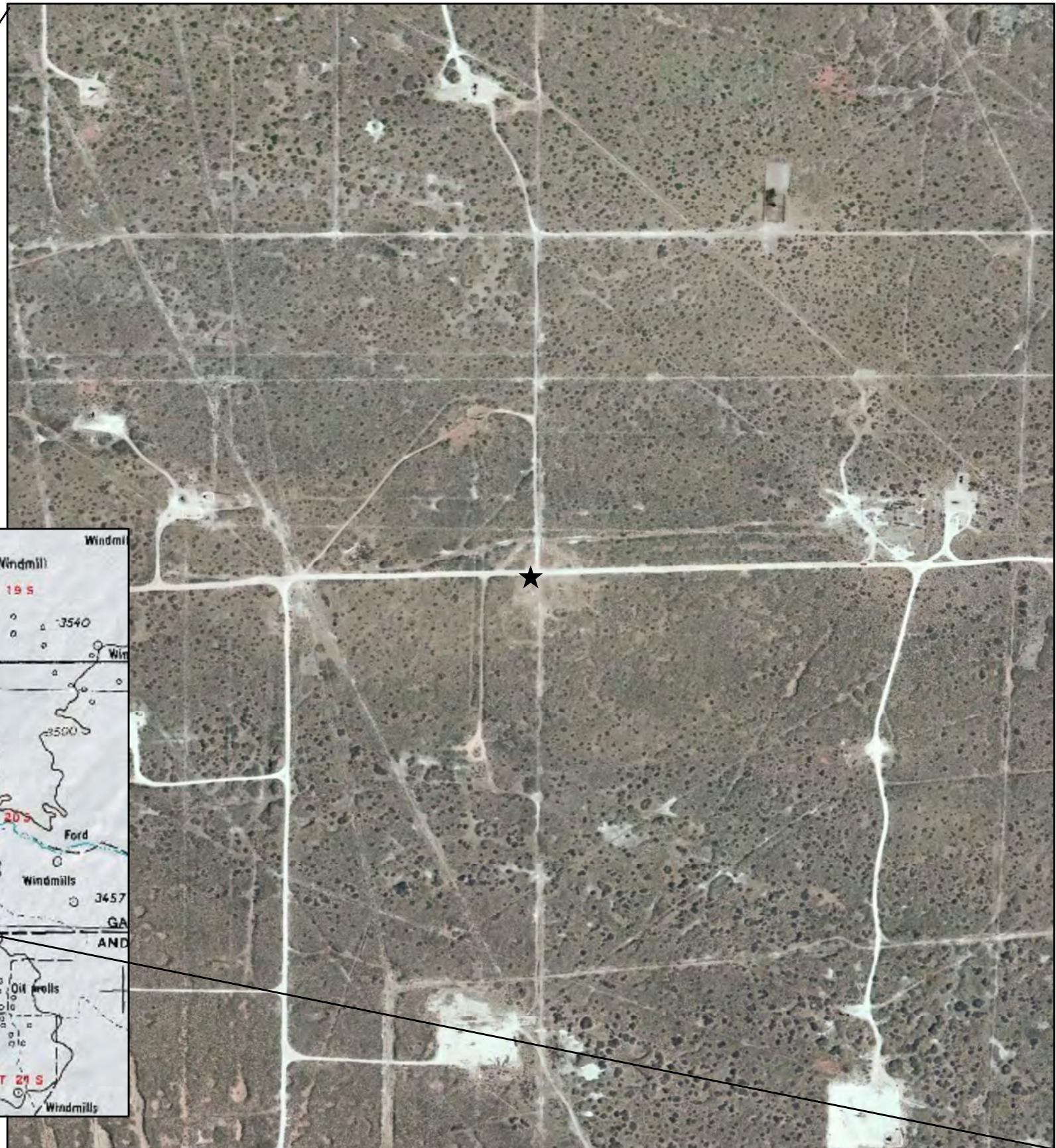
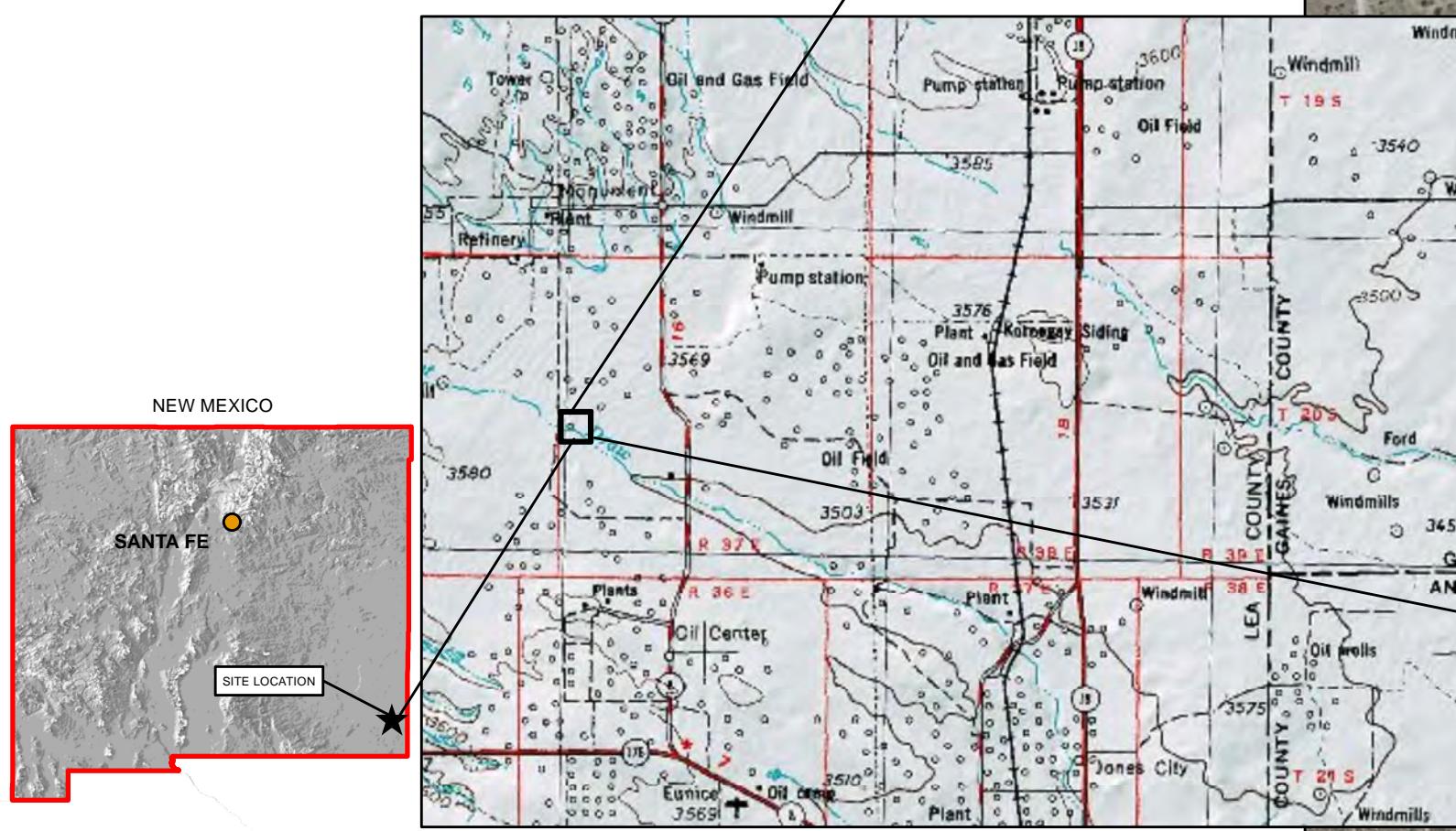
LNAPL - Light Non-Aqueous Phase Liquid

mg/L - milligrams per liter.

* Chlorides are subject to the National Secondary Drinking Water Regulations (NSDWR) secondary maximum contaminant levels (SMCLs) and not an enforceable regulated constituent. The 250 mg/L standard is established only as a guideline to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor.

Figures

N



| | |
|--------------|-------------|
| DATE: | June 2014 |
| DESIGNED BY: | T. Johansen |
| DRAWN BY: | D. Arnold |

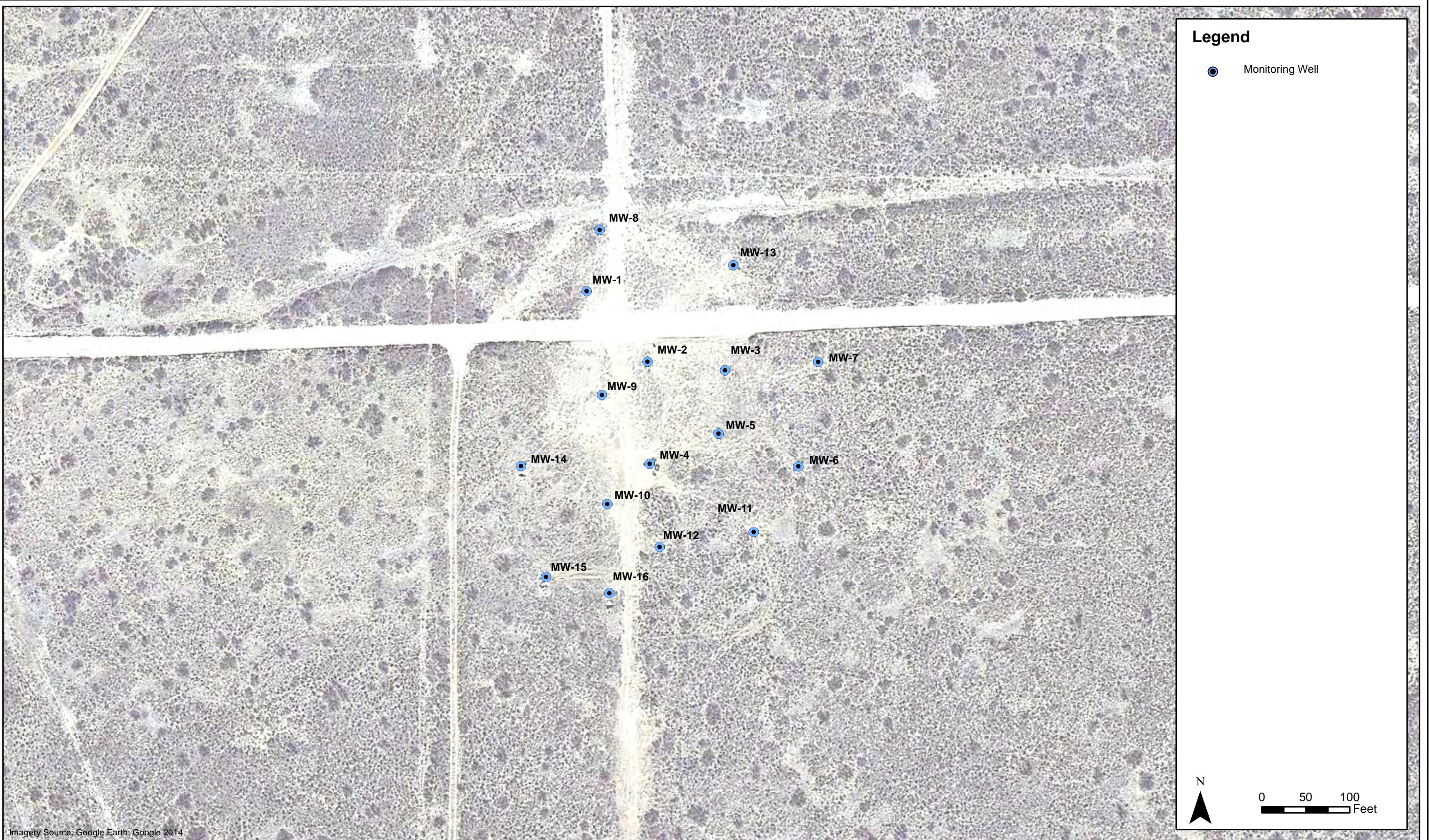


Tasman Geosciences, LLC
6899 Pecos Street - Unit C
Denver, CO 80221

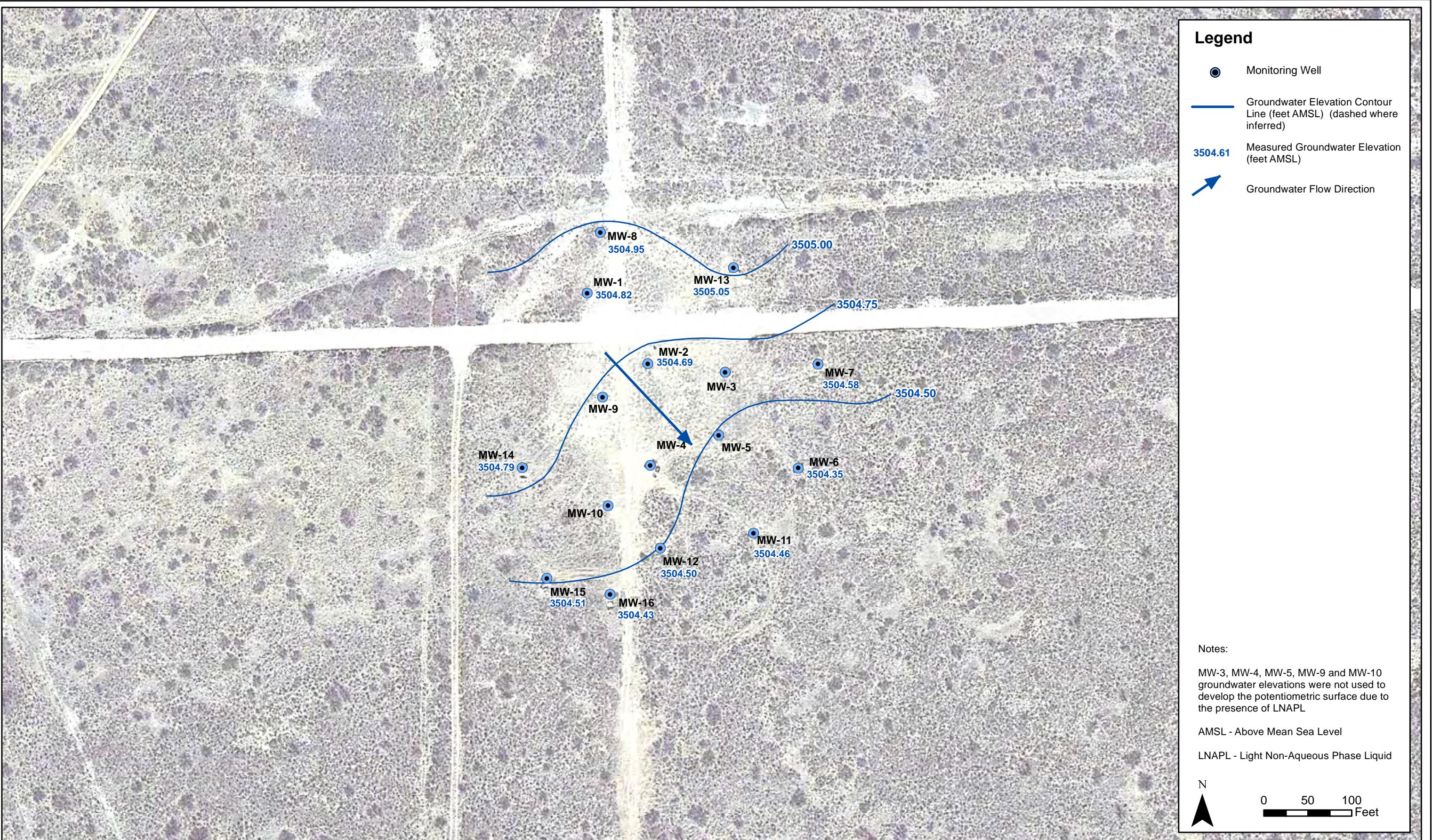
DCP Midstream
RR-Extension Pipeline Release
NE 1/4, NW 1/4, Section 19, Township 20 South, Range 37 East
Lea County, New Mexico

Site Location
Map

Figure
1



| | | | | | |
|-----------------------------|-----------------------|---|--|--|-------------|
| DATE: June 2014 | TASMAN GEOSCIENCES | Tasman Geosciences, LLC 6899 Pecos Street - Unit C Denver, CO 80221 | DCP Midstream RR-Extension Pipeline Release Second Quarter 2014 Groundwater Monitoring Summary Report | Site Map with Monitoring Well Locations | Figure 2 |
| DESIGNED BY: T. Johansen | | | | | |
| DRAWN BY: D. Arnold | | | | | |



| |
|-----------------------------|
| DATE: June 2014 |
| DESIGNED BY: T. Johansen |
| DRAWN BY: D. Arnold |



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

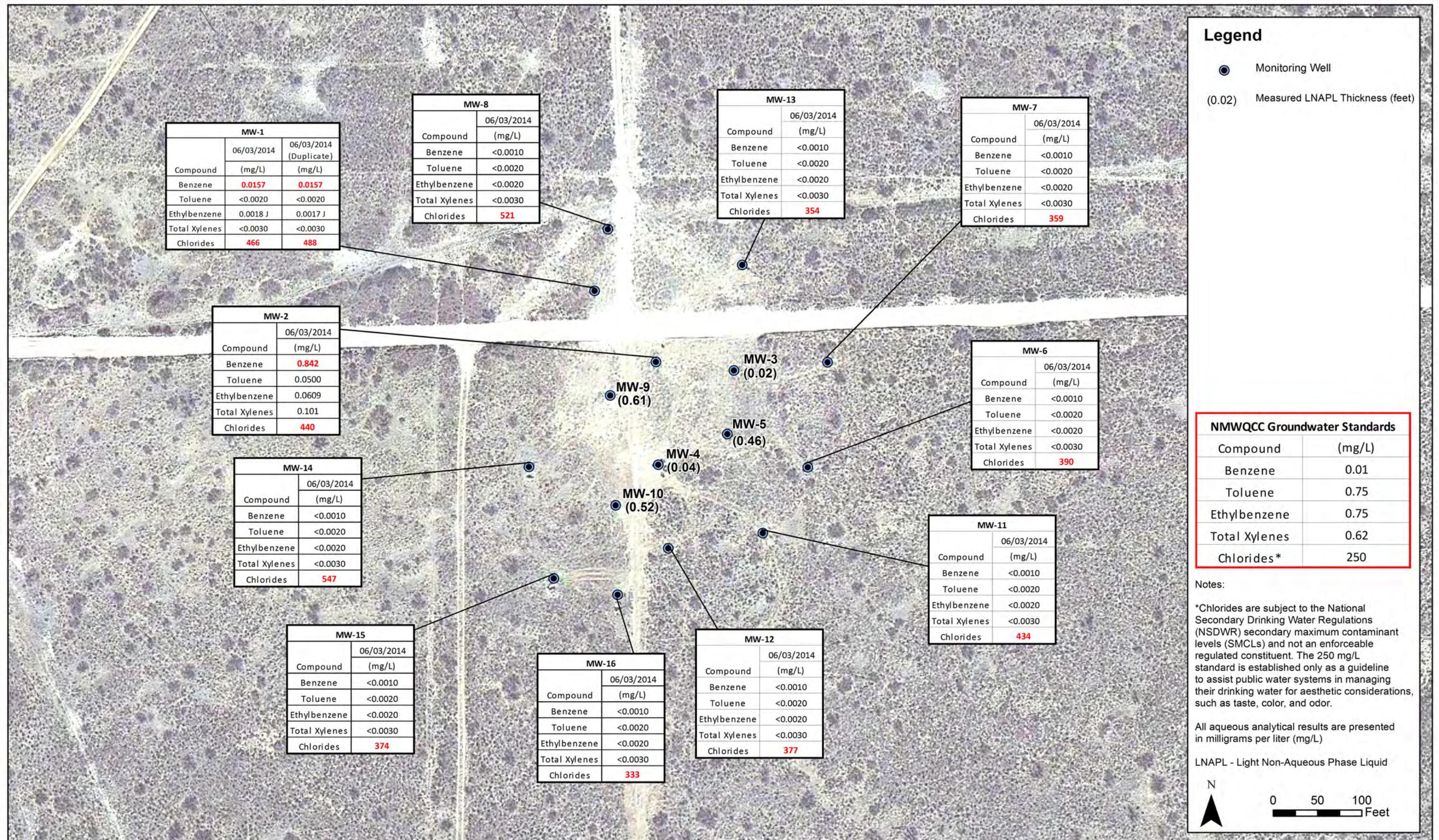
DCP Midstream
RR-Extension Pipeline Release
Second Quarter 2014 Groundwater Monitoring
Summary Report

Groundwater Elevation
Contour Map
(June 3, 2014)

Figure
3

Legend

- Monitoring Well
- (0.02) Measured LNAPL Thickness (feet)



DATE:
June 2014
DESIGNED BY:
T. Johansen
DRAWN BY:
D. Arnold



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

DCP Midstream RR-Extension Pipeline Release Second Quarter 2014 Groundwater Monitoring Summary Report

Analytical Results
Map
(June 3, 2014)

Figure
4

Appendix A

Historic Analytical Results

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|-------------------------------------|----------------|---------------------|----------------------|-------------------|----------------------------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-1 | 3/2008 | 1.4 | 0.0395 | 0.948 | 0.128 | | |
| MW-1 | 6/2008 | 2.75 | 0.054 | 2.17 | 0.232 | | |
| MW-1 | 9/2008 | 1.1 | 0.0375 | 0.845 | 0.131 | 507 | |
| MW-1 | 12/2008 | 0.869 | 0.0385 | 0.581 | 0.0709 | 447 | |
| MW-1 | 3/2009 | 0.288 | 0.0149 | 0.107 | 0.0395 | 432 | |
| MW-1 | 5/2009 | 1.38 | 0.0705 | 0.175 | 0.065 | 462 | |
| MW-1 | 9/2009 | 0.267 | 0.024 | 0.0332 | 0.0078 | 422 | |
| MW-1 | 12/2009 | 0.819 | 0.088 | 0.0267 | 0.012 | 363 | |
| MW-1 | 3/2010 | 0.726 | 0.0879 | 0.107 | 0.0278 | 800 | |
| MW-1 | 6/2010 | 0.339 | 0.0539 | 0.0329 | 0.0079 | 510 | |
| MW-1 | 9/2010 | 1.99 | 0.0951 | 0.084 | 0.0219 | 442 | |
| MW-1 | 12/2010 | 0.708 | 0.0796 | 0.0099 | 0.0047 | 448 | |
| MW-1 | 03/30/2011 | 0.0241 | <0.001 | 0.0136 | 0.0055 | 457 | |
| MW-1 | 06/22/2011 | 0.0735 | <0.01 | 0.0293 | <0.02 | 467 | |
| MW-1 | 09/17/2011 | 0.144 | 0.038 | 0.0069 | 0.0087 | 472 | Duplicate sample collected |
| MW-1 | 12/08/2011 | 0.076 | 0.002 | 0.0227 | 0.0024 | 462 | Duplicate sample collected |
| MW-1 | 03/10/2012 | 0.029 | <0.002 | 0.0072 | <0.004 | 497 | Duplicate sample collected |
| MW-1 | 06/05/2012 | 0.069 | 0.0014 | 0.0112 | <0.003 | 470 | Duplicate sample collected |
| MW-1 | 09/09/2012 | 0.0216 | <0.002 | 0.0029 | <0.003 | 465 | Duplicate sample collected |
| MW-1 | 12/04/2012 | 0.0194 | <0.002 | 0.0024 | <0.003 | 445 | Duplicate sample collected |
| MW-1 | 02/22/2013 | 0.0063 | <0.002 | 0.00066 | <0.003 | 474 | Duplicate sample collected |
| MW-1 | 06/02/2013 | 0.0313 | <0.002 | 0.0028 | <0.003 | 451 | Duplicate sample collected |
| MW-1 | 09/10/2013 | 0.0092 | <0.002 | 0.0016 | <0.003 | 400 | Duplicate sample collected |
| MW-1 | 12/03/2013 | 0.0067 | <0.002 | 0.00075 | <0.003 | 458 | Duplicate Sample Collected |
| MW-1 | 02/27/2014 | 0.0449 | <0.002 | 0.0044 | <0.003 | 474 | Duplicate Sample Collected |
| MW-1 (duplicate) | 02/27/2014 | 0.0331 | <0.002 | 0.0037 | <0.003 | 489 | |
| MW-1 | 06/03/2014 | 0.0157 | <0.002 | 0.0018 J | <0.003 | 466 | Duplicate Sample Collected |
| MW-1 (duplicate) | 06/03/2014 | 0.0157 | <0.002 | 0.0017 J | <0.003 | 488 | |
| MW-2 | 3/2008 | 8.98 | 0.135 | 6.58 | 0.765 | | |
| MW-2 | 6/2008 | 24.3 | 0.319 | 18.5 | 2.58 | | |
| MW-2 | 9/2008 | 21.7 | 0.443 | 9.79 | 4.25 | 109 | |
| MW-2 | 12/2008 | Not Sampled: Remediation Activities | | | | | |
| MW-2 | 3/2009 | 23.7 | 0.538 | 2.34 | 1.25 | 114 | |
| MW-2 | 5/2009 | 32.7 | 0.791 | 1.31 | 1.69 | 109 | |
| MW-2 | 9/2009 | 29.3 | 0.491 | 0.771 | 0.371 | 139 | |
| MW-2 | 12/2009 | 28.5 | 0.57 | 0.347 | 0.177 | 199 | |
| MW-2 | 3/2010 | 23.8 | 0.529 | 0.71 | <1.2 | 700 | |
| MW-2 | 6/2010 | 22.9 | 0.485 | 0.39 | 0.128 | 233 | |
| MW-2 | 9/2010 | 17 | 0.329 | 0.257 | <0.8 | 263 | |
| MW-2 | 12/2010 | 16.9 | 0.458 | 0.399 | 0.0926 | 278 | |
| MW-2 | 03/30/2011 | 16.6 | 0.165 | 0.403 | 0.116 | 320 | |
| MW-2 | 06/22/2011 | 9.21 | 0.0231 | 0.377 | <0.4 | 370 | |
| MW-2 | 09/17/2011 | 4.07 | 0.415 | 0.329 | 0.203 | 375 | |
| MW-2 | 12/08/2011 | 1.5 | 0.0436 | 0.33 | 0.0254 | 392 | |
| MW-2 | 03/10/2012 | 1.04 | <0.04 | 0.134 | <0.08 | 444 | |
| MW-2 | 06/05/2012 | 1.25 | 0.106 | 0.158 | 0.0885 | 346 | |
| MW-2 | 09/09/2012 | 1.53 | 0.203 | 0.138 | 0.14 | 393 | |
| MW-2 | 12/04/2012 | 1.26 | 0.115 | 0.0854 | 0.116 | 385 | |
| MW-2 | 02/22/2013 | 4.53 ⁽³⁾ | 0.474 | 0.298 | 0.482 | 386 | |
| MW-2 | 06/02/2013 | 1.25 | 0.0582 | 0.0644 | 0.103 | 406 | |
| MW-2 | 09/10/2013 | 4.47 | 0.374 | 0.226 | 0.375 | 339 | |
| MW-2 | 12/03/2013 | 0.9 | 0.0569 | 0.0442 | 0.0671 | 414 | |
| MW-2 | 02/27/2014 | 4.41 ⁽³⁾ | 0.599 | 0.312 | 0.493 | 411 | |
| MW-2 | 06/03/2014 | 0.842 ⁽³⁾ | 0.0500 | 0.0609 | 0.101 | 440 | |

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|----------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-3 | 3/2008 | 0.759 | 0.0355 | 0.849 | 0.0786 | | |
| MW-3 | 6/2008 | 6.18 | 0.287 | 9.46 | 1.23 | | |
| MW-3 | 9/2008 | 2.45 | 0.145 | 3.62 | 114 | 363 | |
| MW-3 | 12/2008 | 0.761 | 0.0492 | 0.938 | 0.158 | 301 | |
| MW-3 | 3/2009 | 4.03 | 0.18 | 2.83 | 0.61 | 273 | |
| MW-3 | 5/2009 | 14.7 | 0.808 | 12.6 | 1.64 | 313 | |
| MW-3 | 9/2009 | 5.5 | 0.271 | 1.09 | <0.006 | 363 | |
| MW-3 | 12/2009 | 13.1 | 1.2 | 9.08 | 2.87 | 398 | |
| MW-3 | 3/2010 | 8.43 | 1.01 | 9.14 | 2.71 | 440 | |
| MW-3 | 6/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 9/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 12/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 03/30/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 06/22/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 09/17/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 12/08/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 03/10/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 06/05/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 09/09/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 12/04/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 02/22/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 06/02/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 09/10/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 12/03/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 02/27/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-3 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 3/2008 | 0.0102 | <0.002 | 0.0093 | 0.0023 | | |
| MW-4 | 6/2008 | 0.0439 | 0.0068 | 0.0256 | 0.0147 | | |
| MW-4 | 9/2008 | 0.514 | 0.0203 | 0.443 | 0.125 | 318 | |
| MW-4 | 12/2008 | 1.32 | 0.0812 | 1.35 | 0.239 | 281 | |
| MW-4 | 3/2009 | 3.61 | 0.164 | 3.4 | 0.831 | 229 | |
| MW-4 | 5/2009 | 4.7 | 0.428 | 2.94 | 1.03 | 226 | |
| MW-4 | 9/2009 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 12/2009 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 3/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 6/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 9/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 12/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 03/30/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 06/22/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 09/17/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 12/08/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 03/10/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 06/05/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 09/09/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 12/04/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 02/22/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 06/02/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 09/10/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 12/03/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 02/27/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-4 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|----------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-5 | 3/2008 | 0.0019 | <0.002 | 0.0012 | <0.006 | | |
| MW-5 | 6/2008 | 0.0037 | <0.002 | 0.0037 | <0.006 | | |
| MW-5 | 9/2008 | 0.0038 | <0.002 | 0.0037 | <0.006 | 373 | |
| MW-5 | 12/2008 | 0.0031 | <0.002 | 0.004 | <0.006 | 318 | |
| MW-5 | 3/2009 | 0.0067 | <0.002 | 0.0074 | <0.006 | 288 | |
| MW-5 | 5/2009 | 0.0064 | <0.002 | 0.0089 | <0.006 | 363 | |
| MW-5 | 9/2009 | 0.0082 | 0.00066 | 0.0132 | <0.006 | 358 | |
| MW-5 | 12/2009 | 0.0096 | 0.0013 | 0.0155 | 0.0021 | 313 | |
| MW-5 | 3/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 6/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 9/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 12/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 03/30/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 06/22/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 09/17/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 12/08/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 03/10/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 06/05/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 09/09/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 12/04/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 02/22/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 06/02/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 09/10/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 12/03/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 02/27/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-5 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-6 | 6/2008 | <0.002 | <0.002 | <0.002 | <0.006 | | |
| MW-6 | 9/2008 | <0.002 | <0.002 | <0.002 | <0.006 | 363 | |
| MW-6 | 12/2008 | <0.002 | <0.002 | <0.002 | <0.006 | 325 | |
| MW-6 | 3/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 298 | |
| MW-6 | 5/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 308 | |
| MW-6 | 9/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 296 | |
| MW-6 | 12/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 393 | |
| MW-6 | 3/2010 | <0.002 | <0.002 | <0.002 | <0.006 | 700 | |
| MW-6 | 6/2010 | <0.001 | <0.002 | <0.002 | <0.002 | 402 | |
| MW-6 | 9/2010 | <0.001 | <0.002 | <0.002 | <0.004 | 337 | |
| MW-6 | 12/2010 | <0.001 | <0.002 | <0.002 | <0.004 | 359 | |
| MW-6 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 386 | |
| MW-6 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 376 | |
| MW-6 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 383 | |
| MW-6 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 372 | |
| MW-6 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 406 | |
| MW-6 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 381 | |
| MW-6 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 377 | |
| MW-6 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 358 | |
| MW-6 | 02/22/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 385 | |
| MW-6 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 372 | |
| MW-6 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 367 | |
| MW-6 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 373 | |
| MW-6 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 395 | |
| MW-6 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 390 | |

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HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|----------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-7 | 6/2008 | <0.002 | <0.002 | <0.002 | <0.006 | | |
| MW-7 | 9/2008 | <0.002 | <0.002 | <0.002 | <0.006 | 378 | |
| MW-7 | 12/2008 | <0.002 | <0.002 | <0.002 | <0.006 | 348 | |
| MW-7 | 3/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 283 | |
| MW-7 | 5/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 298 | |
| MW-7 | 9/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 273 | |
| MW-7 | 12/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 328 | |
| MW-7 | 3/2010 | <0.002 | <0.002 | <0.002 | <0.006 | 750 | |
| MW-7 | 6/2010 | 0.0005 | <0.002 | <0.002 | <0.006 | 385 | |
| MW-7 | 9/2010 | 0.00042 | <0.002 | <0.002 | <0.004 | 326 | |
| MW-7 | 12/2010 | <0.002 | <0.002 | <0.002 | <0.006 | 345 | |
| MW-7 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 382 | |
| MW-7 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 390 | |
| MW-7 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 374 | |
| MW-7 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 376 | |
| MW-7 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 392 | |
| MW-7 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 381 | |
| MW-7 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 362 | |
| MW-7 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 334 | |
| MW-7 | 02/22/2013 | 0.00059 | <0.002 | <0.002 | <0.003 | 363 | |
| MW-7 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 361 | |
| MW-7 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 332 | |
| MW-7 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 350 | |
| MW-7 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 358 | |
| MW-7 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 359 | |
| MW-8 | 6/2008 | 0.0384 | 0.00049 | 0.0255 | 0.0016 | | |
| MW-8 | 9/2008 | 0.0301 | <0.002 | 0.0161 | 0.002 | 512 | |
| MW-8 | 12/2008 | 0.00233 | <0.002 | 0.011 | <0.006 | 393 | |
| MW-8 | 3/2009 | 0.0218 | <0.002 | 0.0066 | <0.006 | 472 | |
| MW-8 | 5/2009 | 0.0098 | <0.002 | 0.0049 | <0.006 | 450 | |
| MW-8 | 9/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 477 | |
| MW-8 | 12/2009 | <0.002 | <0.002 | <0.002 | <0.006 | 472 | |
| MW-8 | 3/2010 | <0.002 | <0.002 | <0.002 | <0.006 | 800 | |
| MW-8 | 6/2010 | <0.001 | <0.002 | <0.002 | <0.002 | 553 | |
| MW-8 | 9/2010 | <0.001 | <0.002 | <0.002 | <0.004 | 486 | |
| MW-8 | 12/2010 | <0.001 | <0.002 | <0.002 | <0.004 | 533 | |
| MW-8 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 529 | |
| MW-8 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 524 | |
| MW-8 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 507 | |
| MW-8 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 521 | |
| MW-8 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 528 | |
| MW-8 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 527 | |
| MW-8 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 509 | |
| MW-8 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 500 | |
| MW-8 | 02/22/2013 | 0.00048 | <0.002 | <0.002 | <0.003 | 530 | |
| MW-8 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 524 | |
| MW-8 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 489 | |
| MW-8 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 508 | |
| MW-8 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 521 | |
| MW-8 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 521 | |

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|----------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-9 | 6/2010 | LNAPL | LNAPL | LNAPL | LNAPL | 532 | |
| MW-9 | 9/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 12/2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 03/30/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 06/22/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 09/17/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 12/08/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 03/10/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 06/05/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 09/09/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 12/04/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 02/22/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 06/02/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 09/10/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 12/03/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 02/27/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-9 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 6-2010 | LNAPL | LNAPL | LNAPL | LNAPL | 656 | |
| MW-10 | 9-2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 12-2010 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 03/30/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 06/22/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 09/17/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 12/08/2011 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 03/10/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 06/05/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 09/09/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 12/04/2012 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 02/22/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 06/02/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 09/10/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 12/03/2013 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 02/27/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-10 | 06/03/2014 | LNAPL | LNAPL | LNAPL | LNAPL | LNAPL | |
| MW-11 | 6-2010 | <0.001 | <0.002 | <0.002 | <0.004 | 407 | |
| MW-11 | 9-2010 | <0.001 | <0.002 | <0.002 | <0.004 | 365 | |
| MW-11 | 12-2010 | <0.001 | <0.002 | <0.002 | <0.004 | 383 | |
| MW-11 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 406 | |
| MW-11 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 405 | |
| MW-11 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 390 | |
| MW-11 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 399 | |
| MW-11 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 403 | |
| MW-11 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 417 | |
| MW-11 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 399 | |
| MW-11 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 382 | |
| MW-11 | 02/22/2013 | 0.0004 | <0.002 | <0.002 | <0.003 | 419 | |
| MW-11 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 424 | |
| MW-11 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 394 | |
| MW-11 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 416 | |
| MW-11 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 433 | |
| MW-11 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 434 | |

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|-------------------------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-12 | 6-2010 | <0.001 | <0.002 | <0.002 | <0.004 | 514 | |
| MW-12 | 9-2010 | <0.001 | <0.002 | <0.002 | <0.004 | 464 | |
| MW-12 | 12-2010 | <0.001 | <0.002 | <0.002 | <0.004 | 501 | |
| MW-12 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 498 | |
| MW-12 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 497 | |
| MW-12 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 493 | |
| MW-12 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 493 | |
| MW-12 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 513 | |
| MW-12 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 507 | |
| MW-12 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 487 | |
| MW-12 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 469 | |
| MW-12 | 02/22/2013 | 0.00041 | <0.002 | <0.002 | <0.003 | 484 | |
| MW-12 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 461 | |
| MW-12 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 428 | |
| MW-12 | 12/03/2013 | <0.001 | <0.002 | <0.002 | 0.0031 | 412 | |
| MW-12 | 02/27/2014 | <0.001 | <0.002 | <0.002 | 0.0024 J | 414 | |
| MW-12 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 377 | |
| MW-13 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 326 | |
| MW-13 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 340 | |
| MW-13 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 317 | |
| MW-13 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 328 | |
| MW-13 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 331 | |
| MW-13 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 335 | |
| MW-13 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 321 | |
| MW-13 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 317 | |
| MW-13 | 02/22/2013 | 0.00073 | <0.002 | <0.002 | <0.003 | 337 | |
| MW-13 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 333 | |
| MW-13 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 311 | |
| MW-13 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 330 | |
| MW-13 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 344 | |
| MW-13 | 06/03/2014 | <0.0010 | <0.0020 | <0.0020 | <0.0030 | 354 | MS/MSD Sample Collected |
| MW-14 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 520 | |
| MW-14 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 494 | |
| MW-14 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 478 | |
| MW-14 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 521 | |
| MW-14 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 528 | |
| MW-14 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 513 | |
| MW-14 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 536 | |
| MW-14 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 544 | |
| MW-14 | 02/22/2013 | 0.00034 | <0.002 | <0.002 | <0.003 | 553 | |
| MW-14 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 538 | |
| MW-14 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 486 | |
| MW-14 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 519 | |
| MW-14 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 516 | |
| MW-14 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 547 | |

APPENDIX A
HISTORIC ANALYTICAL RESULTS
BTEX AND CHLORIDE CONCENTRATIONS IN GROUNDWATER
RR-EXTENSION PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

| Location Identification | Sample Date | Benzene (mg/l) | Toluene (mg/l) | Ethylbenzene (mg/l) | Total Xylenes (mg/l) | Chlorides* (mg/l) | Comments |
|--|-------------|----------------|----------------|---------------------|----------------------|-------------------|----------|
| New Mexico Water Quality Control Commission Groundwater Standards (mg/L) | | 0.01 | 0.75 | 0.75 | 0.62 | 250 | |
| MW-15 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 303 | |
| MW-15 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 297 | |
| MW-15 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 294 | |
| MW-15 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 288 | |
| MW-15 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 308 | |
| MW-15 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 276 | |
| MW-15 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 318 | |
| MW-15 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 313 | |
| MW-15 | 02/22/2013 | 0.00034 | <0.002 | <0.002 | <0.003 | 333 | |
| MW-15 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 324 | |
| MW-15 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 331 | |
| MW-15 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 365 | |
| MW-15 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 378 | |
| MW-15 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 374 | |
| MW-16 | 03/30/2011 | <0.001 | <0.002 | <0.002 | <0.002 | 295 | |
| MW-16 | 06/22/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 292 | |
| MW-16 | 09/17/2011 | <0.001 | <0.002 | <0.002 | <0.004 | 295 | |
| MW-16 | 12/08/2011 | <0.0005 | <0.001 | <0.001 | <0.001 | 313 | |
| MW-16 | 03/10/2012 | <0.001 | <0.002 | <0.002 | <0.004 | 322 | |
| MW-16 | 06/05/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 334 | |
| MW-16 | 09/09/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 334 | |
| MW-16 | 12/04/2012 | <0.001 | <0.002 | <0.002 | <0.003 | 339 | |
| MW-16 | 02/22/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 358 | |
| MW-16 | 06/02/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 364 | |
| MW-16 | 09/10/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 359 | |
| MW-16 | 12/03/2013 | <0.001 | <0.002 | <0.002 | <0.003 | 394 | |
| MW-16 | 02/27/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 424 | |
| MW-16 | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | 333 | |
| Trip Blank | 06/03/2014 | <0.001 | <0.002 | <0.002 | <0.003 | NA | |

Notes:

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

2.) Tasman initiated sample collection during the third quarter 2011 monitoring event.

3.) Benzene concentration was from the second analytical run, as indicated in the laboratory report.

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

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

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

J = reflects an estimated value

LNAPL - Light Non-Aqueous Phase Liquid

mg/L - milligrams per liter.

* Chlorides are subject to the National Secondary Drinking Water Regulations (NSDWR) secondary maximum contaminant levels (SMCLs) and not an enforceable regulated constituent. The 250 mg/L standard is established only as a guideline to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color, and odor.

Appendix B

Laboratory Analytical Report

- Accutest Job #: D58509



06/12/14

Technical Report for

DCP Midstream, LP

TASMCOA:DCP RR EXT

Accutest Job Number: D58509

Sampling Date: 06/03/14

Report to:

**Tasman Geosciencec LLC
6899 Pecos Street Unit C
Denver, CO 80221
tjohansen@tasman-geo.com; swweathers@dcpmidstream.com;
cwasko@tasman-geo.com; dbaggus@tasman-geo.com
ATTN: Don Baggus**

Total number of pages in report: 58



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 that appears to read "Scott Heideman".

**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)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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Sample Summary

DCP Midstream, LP
TASMCOA:DCP RR EXT

Job No: D58509

| Sample Number | Collected Date | Time By | Matrix Received | Code Type | Client Sample ID | |
|---------------|----------------|----------|-----------------|-----------|--------------------|--------------|
| D58509-1 | 06/03/14 | 09:50 DB | 06/06/14 | AQ | Ground Water | MW-1-060314 |
| D58509-2 | 06/03/14 | 09:20 DB | 06/06/14 | AQ | Ground Water | MW-2-060314 |
| D58509-3 | 06/03/14 | 10:50 DB | 06/06/14 | AQ | Ground Water | MW-6-060314 |
| D58509-4 | 06/03/14 | 10:40 DB | 06/06/14 | AQ | Ground Water | MW-7-060314 |
| D58509-5 | 06/03/14 | 10:10 DB | 06/06/14 | AQ | Ground Water | MW-8-060314 |
| D58509-6 | 06/03/14 | 11:00 DB | 06/06/14 | AQ | Ground Water | MW-11-060314 |
| D58509-7 | 06/03/14 | 11:10 DB | 06/06/14 | AQ | Ground Water | MW-12-060314 |
| D58509-8 | 06/03/14 | 10:20 DB | 06/06/14 | AQ | Ground Water | MW-13-060314 |
| D58509-8D | 06/03/14 | 10:20 DB | 06/06/14 | AQ | Water Dup/MSD | MW-13-060314 |
| D58509-8M | 06/03/14 | 10:20 DB | 06/06/14 | AQ | Water Matrix Spike | MW-13-060314 |
| D58509-9 | 06/03/14 | 11:40 DB | 06/06/14 | AQ | Ground Water | MW-14-060314 |
| D58509-10 | 06/03/14 | 11:30 DB | 06/06/14 | AQ | Ground Water | MW-15-060314 |
| D58509-11 | 06/03/14 | 11:20 DB | 06/06/14 | AQ | Ground Water | MW-16-060314 |



Sample Summary

(continued)

DCP Midstream, LP

Job No: D58509

TASMCOA:DCP RR EXT

| Sample Number | Collected Date | Time By | Matrix Received | Code Type | Client Sample ID |
|---------------|----------------|----------|-----------------|-----------|-----------------------------|
| D58509-12 | 06/03/14 | 00:00 DB | 06/06/14 | AQ | Ground Water DUP |
| D58509-13 | 06/03/14 | 09:00 DB | 06/06/14 | AQ | Trip Blank Water TRIP BLANK |



CASE NARRATIVE / CONFORMANCE SUMMARY

Client: DCP Midstream, LP

Job No D58509

Site: TASMCOA:DCP RR EXT

Report Date 6/12/2014 3:40:34 PM

On 06/06/2014, 12 sample(s), 1 Trip Blank(s), and 0 Field Blank(s) were received at Accutest Mountain States (AMS) at a temperature of 2.5 °C. The samples were intact and properly preserved, unless noted below. An AMS Job Number of D58509 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: V3V1814 |
|------------------|--------------------------|

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D58509-8MS, D58509-8MSD were used as the QC samples indicated.
- D58509-13: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

| | |
|------------------|--------------------------|
| Matrix AQ | Batch ID: V6V1430 |
|------------------|--------------------------|

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D58508-3MS, D58508-3MSD were used as the QC samples indicated.

| | |
|------------------|--------------------------|
| Matrix AQ | Batch ID: V7V1469 |
|------------------|--------------------------|

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D58410-9MS, D58475-1DUP were used as the QC samples indicated.
- D58475-1DUP: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.
- D58410-9MS: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

| | |
|------------------|--------------------------|
| Matrix AQ | Batch ID: V7V1473 |
|------------------|--------------------------|

- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D58509-2DUP, D58547-7MS were used as the QC samples indicated.
- D58547-7MS: The pH of the sample aliquot for VOA analysis was >2 at time of analysis.

Wet Chemistry By Method EPA 300.0/SW846 9056**Matrix** AQ**Batch ID:** GP12766

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D58509-1MS, D58509-1MSD were used as the QC samples for the Chloride analysis.

Matrix AQ**Batch ID:** GP12771

- All samples were prepared within the recommended method holding time.
- All samples were analyzed within the recommended method holding time.
- All method blanks for this batch meet method specific criteria.
- Sample(s) D58474-5MS, D58474-5MSD were used as the QC samples for the Chloride analysis.

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: D58509
Account: DCP Midstream, LP
Project: TASMCOA:DCP RR EXT
Collected: 06/03/14

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| Lab Sample ID | Client Sample ID | Result/ Analyte | Qual | RL | MDL | Units | Method |
|------------------|---------------------|--------------------|----------|--------|---------|-------|----------------------|
| D58509-1 | MW-1-060314 | Benzene | 0.0157 | 0.0010 | 0.00025 | mg/l | SW846 8260B |
| | | Ethylbenzene | 0.0018 J | 0.0020 | 0.00031 | mg/l | SW846 8260B |
| | | Chloride | 466 | 13 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-2 | MW-2-060314 | Benzene | 0.842 | 0.020 | 0.0050 | mg/l | SW846 8260B |
| | | Toluene | 0.0500 | 0.0020 | 0.0010 | mg/l | SW846 8260B |
| | | Ethylbenzene | 0.0609 | 0.0020 | 0.00031 | mg/l | SW846 8260B |
| | | Xylene (total) | 0.101 | 0.0030 | 0.0015 | mg/l | SW846 8260B |
| | | Chloride | 440 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-3 | MW-6-060314 | Chloride | 390 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-4 | MW-7-060314 | Chloride | 359 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-5 | MW-8-060314 | Chloride | 521 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-6 | MW-11-060314 | Chloride | 434 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-7 | MW-12-060314 | Chloride | 377 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-8 | MW-13-060314 | Chloride | 354 | 10 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-9 | MW-14-060314 | Chloride | 547 | 25 | | mg/l | EPA 300.0/SW846 9056 |
| D58509-10 | MW-15-060314 | Chloride | 374 | 25 | | mg/l | EPA 300.0/SW846 9056 |

Summary of Hits

Page 2 of 2

Job Number: D58509
Account: DCP Midstream, LP
Project: TASMCOA:DCP RR EXT
Collected: 06/03/14

3

| Lab Sample ID | Client Sample ID | Result/ Qual | RL | MDL | Units | Method |
|---------------|------------------|-----------------|----|-----|-------|--------|
|---------------|------------------|-----------------|----|-----|-------|--------|

D58509-11 MW-16-060314

Chloride 333 10 mg/l EPA 300.0/SW846 9056

D58509-12 DUP

| | | | | | |
|--------------|----------|--------|---------|------|----------------------|
| Benzene | 0.0157 | 0.0010 | 0.00025 | mg/l | SW846 8260B |
| Ethylbenzene | 0.0017 J | 0.0020 | 0.00031 | mg/l | SW846 8260B |
| Chloride | 488 | 25 | | mg/l | EPA 300.0/SW846 9056 |

D58509-13 TRIP BLANK

No hits reported in this sample.



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Sample Results

Report of Analysis

Report of Analysis

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-1-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-1 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 7V26815.D | 1 | 06/06/14 | JL | n/a | n/a | V7V1469 |
| 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 | 0.0157 | 0.0010 | 0.00025 | mg/l | |
| 108-88-3 | Toluene | ND | 0.0020 | 0.0010 | mg/l | |
| 100-41-4 | Ethylbenzene | 0.0018 | 0.0020 | 0.00031 | mg/l | J |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | mg/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------------|-----------------------------|---------------|---------------|---------------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 78% | | 62-130% |
| 2037-26-5 | Toluene-D8 | 97% | | 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

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-1-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-1 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 466 | 13 | mg/l | 25 | 06/07/14 12:10 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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4.2

4

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-2-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-2 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 7V26816.D | 1 | 06/06/14 | JL | n/a | n/a | V7V1469 |
| Run #2 | 7V26889.D | 20 | 06/11/14 | JL | n/a | n/a | V7V1473 |

| Purge Volume | |
|---------------------|--------|
| Run #1 | 5.0 ml |
| Run #2 | 5.0 ml |

Purgeable Aromatics

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|----------------|-----------------|--------------------|-----------|------------|--------------|----------|
| 71-43-2 | Benzene | 0.842 ^a | 0.020 | 0.0050 | mg/l | |
| 108-88-3 | Toluene | 0.0500 | 0.0020 | 0.0010 | mg/l | |
| 100-41-4 | Ethylbenzene | 0.0609 | 0.0020 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | 0.101 | 0.0030 | 0.0015 | mg/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------------|-----------------------------|---------------|---------------|---------------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 80% | 101% | 62-130% |
| 2037-26-5 | Toluene-D8 | 98% | 101% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 96% | 69-130% |

(a) Result is from Run# 2

ND = Not detected MDL = Method Detection Limit

J = Indicates an estimated value

RL = Reporting Limit

B = Indicates analyte found in associated method blank

E = Indicates value exceeds calibration range

N = Indicates presumptive evidence of a compound

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-2-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-2 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 440 | 10 | mg/l | 20 | 06/07/14 18:57 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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4

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-6-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-3 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 6V25243.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | mg/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------------|-----------------------------|---------------|---------------|---------------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 98% | | 62-130% |
| 2037-26-5 | Toluene-D8 | 97% | | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | | 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

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-6-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-3 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 390 | 10 | mg/l | 20 | 06/07/14 19:11 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-7-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-4 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 6V25244.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 98% | | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 92% | | 69-130% |

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-7-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-4 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 359 | 10 | mg/l | 20 | 06/07/14 19:24 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-8-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-5 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 6V25245.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 96% | | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | | 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

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-8-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-5 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 521 | 10 | mg/l | 20 | 06/07/14 19:37 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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4

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-11-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-6 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 6V25246.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | mg/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------------|-----------------------------|---------------|---------------|---------------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 62-130% |
| 2037-26-5 | Toluene-D8 | 97% | | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | | 69-130% |

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-11-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-6 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 434 | 10 | mg/l | 20 | 06/07/14 19:50 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-12-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-7 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 6V25247.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 97% | | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 93% | | 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

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-12-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-7 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 377 | 10 | mg/l | 20 | 06/07/14 20:03 | JB | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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4

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-13-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-8 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 3V31005.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 94% | | 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

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-13-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-8 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 354 | 10 | mg/l | 20 | 06/09/14 16:53 | SK | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

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| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-14-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-9 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 3V31008.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 95% | | 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

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-14-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-9 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 547 | 25 | mg/l | 50 | 06/09/14 17:06 | SK | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-15-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-10 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 3V31009.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | mg/l | |

| CAS No. | Surrogate Recoveries | Run# 1 | Run# 2 | Limits |
|----------------|-----------------------------|---------------|---------------|---------------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | | 62-130% |
| 2037-26-5 | Toluene-D8 | 95% | | 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

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-15-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-10 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 374 | 25 | mg/l | 50 | 06/09/14 17:20 | SK | EPA 300.0/SW846 9056 |

RL = Reporting Limit

4.10

4

Report of Analysis

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-16-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-11 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 3V31010.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 94% | | 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

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | MW-16-060314 | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-11 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 333 | 10 | mg/l | 20 | 06/09/14 17:33 | SK | EPA 300.0/SW846 9056 |

RL = Reporting Limit

4.11
4

Report of Analysis

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4.12
4

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | DUP | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-12 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 | 3V31011.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| 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 | 0.0157 | 0.0010 | 0.00025 | mg/l | |
| 108-88-3 | Toluene | ND | 0.0020 | 0.0010 | mg/l | |
| 100-41-4 | Ethylbenzene | 0.0017 | 0.0020 | 0.00031 | mg/l | J |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 95% | | 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

Page 1 of 1

| | | | |
|--------------------------|--------------------|------------------------|----------|
| Client Sample ID: | DUP | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-12 | Date Received: | 06/06/14 |
| Matrix: | AQ - Ground Water | Percent Solids: | n/a |
| Project: | TASMCOA:DCP RR EXT | | |

General Chemistry

| Analyte | Result | RL | Units | DF | Analyzed | By | Method |
|----------|--------|----|-------|----|----------------|----|----------------------|
| Chloride | 488 | 25 | mg/l | 50 | 06/09/14 17:46 | SK | EPA 300.0/SW846 9056 |

RL = Reporting Limit

Report of Analysis

Page 1 of 1

4.13

4

| | | | |
|--------------------------|-----------------------|------------------------|----------|
| Client Sample ID: | TRIP BLANK | Date Sampled: | 06/03/14 |
| Lab Sample ID: | D58509-13 | Date Received: | 06/06/14 |
| Matrix: | AQ - Trip Blank Water | Percent Solids: | n/a |
| Method: | SW846 8260B | | |
| Project: | TASMCOA:DCP RR EXT | | |

| | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|---------------------|----------------|-----------|-----------------|-----------|------------------|-------------------|-------------------------|
| Run #1 ^a | 3V31012.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| 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 | 0.00031 | mg/l | |
| 1330-20-7 | Xylene (total) | ND | 0.0030 | 0.0015 | 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 | 95% | | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | | 69-130% |

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

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



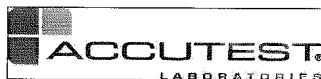
Misc. Forms

5

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



CHAIN OF CUSTODY

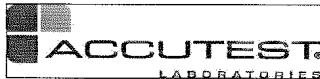
PAGE 1 OF 2

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 # | |
| <u>D 58509</u> | | | |
| Requested Analysis (see TEST CODE sheet) | | | Matrix Codes |
| V8260BTX | CHL | MS/MSD for V8260BTX | 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 |
| | | | LAB USE ONLY |

| Client / Reporting Information | | Project Information | | | | | | | | | | | | | | | |
|--|---|--|---|--|--------------|-----------------------------|------|------|-------|--|---------|----------|-----|---------------------------------|--|-------------|-------|
| Company Name Tasman Geosciences | Project Name: DCP RR Extension Pipeline Release | Street 6899 Pecos St - Unit C | City Denver, CO 80221 | Billing Information (if different from Report to) | | | | | | | | | | | | | |
| Project Contact Don Baggs dbaggs@tasman-geo.com | Project # | Company Name | | | | | | | | | | | | | | | |
| Phone # (720) 635-9675 | Client Purchase Order # | Street Address | | | | | | | | | | | | | | | |
| Sampler(s) Name(s) Don Baggs | Project Manager Renee Jackson | Attention: | | | | | | | | | | | | | | | |
| Accutest Sample # | Field ID / Point of Collection | Collection | | | # of bottles | Number of preserved Bottles | | | | | | V8260BTX | CHL | MS/MSD for V8260BTX | | | |
| | | Date | Time | Sampled by | | SGI | NaOH | HNO3 | H2SO4 | None | D/Water | | | | | MECH | ENONE |
| MW-1 - 060314 | 6/3/14 | 0950 | DB | GW | 4 | 3 | | 1 | | | | X | X | | | 01 | |
| MW-2 - 060314 | | 0920 | | GW | 4 | 3 | | 1 | | | | X | X | | | 02 | |
| MW-6 - 060314 | | 1050 | | GW | 4 | 3 | | 1 | | | | X | X | | | 03 | |
| MW-7 - 060314 | | 1040 | | GW | 4 | 3 | | 1 | | | | X | X | | | 04 | |
| MW-8 - 060314 | | 1010 | | GW | 4 | 3 | | 1 | | | | X | X | | | 05 | |
| MW-11 - 060314 | | 1100 | | GW | 4 | 3 | | 1 | | | | X | X | | | 06 | |
| MW-12 - 060314 | | 1110 | | GW | 4 | 3 | | 1 | | | | X | X | | | 07 | |
| MW-13 - 060314 | | 1020 | | GW | 4 | 3 | | 1 | | | | X | X | | | 08 | |
| MW-14 - 060314 | | 1140 | | GW | 6 | 6 | | | | | | | X | | | c 3 n 4 /sp | |
| MW-15 - 060314 | | 1130 | | GW | 4 | 3 | | 1 | | | | X | X | | | 09 | |
| MW-16 - 060314 | | 1120 | ✓ | GW | 4 | 3 | | 1 | | | | X | X | | | 10 | |
| | | | | | | | | | | | | | | | | 11 | |
| Data Deliverable Information | | | | | | | | | | | | | | Comments / Special Instructions | | | |
| <input type="checkbox"/> Std. 15 Business Days <input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day Emergency <input type="checkbox"/> 2 Day Emergency <input type="checkbox"/> 1 Day Emergency <input type="checkbox"/> | | Approved By (Accutest PM): / Date: | | <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input type="checkbox"/> COMM BN <input type="checkbox"/> COMMBN+ <input type="checkbox"/> | | | | | | <input type="checkbox"/> State Forms Required <input type="checkbox"/> Send Forms to State <input type="checkbox"/> Report by Fax <input checked="" type="checkbox"/> Report by PDF ONLY <input type="checkbox"/> EDD Format | | | | | | | |
| Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial BN = Results/QC Narrative (+ = chromatograms) | | | | | | | | | | | | | | | | | |
| Emergency & Rush T/A data available VIA Lablink. | | | | | | | | | | | | | | | | | |
| 1 | Received By: 1 | Relinquished By: 2 | Date Time: | Received By: 2 | 6-6-14 | 1015 | | | | | | | | | | | |
| 3 | Received By: 3 | Relinquished By: 4 | Date Time: | Received By: 4 | | | | | | | | | | | | | |
| 5 | Received By: 5 | Custody Seal # <input type="checkbox"/> intact <input type="checkbox"/> Not intact | Preserved where applicable <input type="checkbox"/> | On Ice <input type="checkbox"/> | Color Temp. | | | | | | | | | | | | |

D58509: Chain of Custody
Page 1 of 2



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

| Client / Reporting Information | | Project Information | | Requested Analysis (see TEST CODE sheet) | | | | | | | | | | Matrix Codes | | | | | |
|--|---|---|---------------------------------|--|---------------------|--|---|---------------------------------|--|-----------|--|--|--|---|--------------------------|---------------------------------|------------------|------------------|-------------------|
| Company Name Tasman Geosciences | Project Name: DCP RR Extension Pipeline Release | Street Address 6899 Pecos St - Unit C | City Denver, CO 80221 | Billing Information (If different from Report to) | | | | | | | | | | DW - Drinking Water GW - Ground Water WW - Water SW - Surface Water SC - Soil SL - Sludge SED - Sediment OC - Oil LIQ - Other Liquid AIR - Air SOL - Other Solid WP - Wipe FB - Field Blank EB - Equipment Blank RB - Rinse Blank TB - Try Blank | | | | | |
| Project Contact Don Baggus dbaggus@tasman-geo.com | Project # | State | City | Company Name | | | | | | | | | | | | | | | |
| Phone # (720) 635-9675 | Client Purchase Order # | | City | | | | | | | | | | | | | | | | |
| Sampler(s) Name(s) Don Baggus | Project Manager Renea Jackson | | Attention: | | | | | | | | | | | | | | | | |
| Accutest Sample # Field ID / Point of Collection | | MEOHDI Vial # | | Collection | | | Number of preserved Bottles | V826GBTX | | CHL | | | | LAB USE ONLY | | | | | |
| | | | | Date 6/3/14 | Time 0900 | Sampled by DB | | | | | | | | Matrix GW | # of bottles 4 | HCl 3 | NaOH 1 | HCO3 1 | H2SO4 1 |
| DUP | | | | W | Z | X | | | | | | | | | 12 | | | | |
| Trip BLANK | | | | 6/3/14 | 0900 | DB | | | | | | | | | 13 | | | | |
| Data Deliverable Information | | | | | | | | | | | | | | | | Comments / Special Instructions | | | |
| <input type="checkbox"/> Std. 15 Business Days <input checked="" type="checkbox"/> Std. 10 Business Days <input type="checkbox"/> 5 Day RUSH <input type="checkbox"/> 3 Day Emergency <input type="checkbox"/> 2 Day Emergency <input type="checkbox"/> 1 Day Emergency <input type="checkbox"/> | | Approved By (Accutest PM): / Date: | | <input type="checkbox"/> Commercial "A" (Level 1) <input type="checkbox"/> Commercial "B" (Level 2) <input checked="" type="checkbox"/> COMMNB <input type="checkbox"/> COMMNB+ <input type="checkbox"/> | | <input type="checkbox"/> State Forms Required <input type="checkbox"/> Send Forms to State <input type="checkbox"/> Report by Fax <input checked="" type="checkbox"/> Report by PDF ONLY <input type="checkbox"/> EDD Format | | | | | | | | | | | | | |
| Commercial "A" = Results Only Commercial "B" = Results + QC Summary Commercial BN = Results/QC/Narrative (+ = chromatograms) | | | | | | | | | | | | | | | | | | | |
| Relinquished by Sampler: 1 | | Received By: 1 | | Relinquished By: 2 | | Date Time: | | Received By: 2 | | 6/6/14 | | | | | | | | | |
| Relinquished by Sampler: 3 | | Received By: 3 | | Relinquished By: 4 | | Date Time: | | Received By: 4 | | 10/11 | | | | | | | | | |
| Relinquished by: 5 | | Received By: 5 | | Custody Seal # UNX | | <input type="checkbox"/> intact | <input type="checkbox"/> Preserved where applicable | <input type="checkbox"/> On Ice | <input checked="" type="checkbox"/> Cooler Temp. | 25 | | | | | | | | | |

D58509: Chain of Custody
Page 2 of 2



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: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V7V1469-MB | 7V26795.D | 1 | 06/06/14 | JL | n/a | n/a | V7V1469 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-1, D58509-2

| 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 | 0.31 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | 1.0 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.5 | ug/l | |

CAS No. Surrogate Recoveries Limits

| | | | |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 72% | 62-130% |
| 2037-26-5 | Toluene-D8 | 98% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 69-130% |

Method Blank Summary

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V6V1430-MB | 6V25226.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |

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

D58509-3, D58509-4, D58509-5, D58509-6, D58509-7

6.1.2
6

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|-----------|----------------|--------|-----|------|-------|---|
| 71-43-2 | Benzene | ND | 1.0 | 0.25 | ug/l | |
| 100-41-4 | Ethylbenzene | ND | 2.0 | 0.31 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | 1.0 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.5 | ug/l | |

CAS No. Surrogate Recoveries

| CAS No. | Surrogate | Recoveries | Limits |
|------------|-----------------------|------------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 92% | 62-130% |
| 2037-26-5 | Toluene-D8 | 99% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 91% | 69-130% |

Method Blank Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V3V1814-MB | 3V30999.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-8, D58509-9, D58509-10, D58509-11, D58509-12, D58509-13

| 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 | 0.31 | ug/l | |
| 108-88-3 | Toluene | ND | 2.0 | 1.0 | ug/l | |
| 1330-20-7 | Xylene (total) | ND | 3.0 | 1.5 | ug/l | |

CAS No. Surrogate Recoveries Limits

| | | | |
|------------|-----------------------|-----|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 95% | 62-130% |
| 2037-26-5 | Toluene-D8 | 94% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 69-130% |

Method Blank Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V7V1473-MB | 7V26882.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-2

| CAS No. | Compound | Result | RL | MDL | Units | Q |
|---------|----------|--------|-----|------|-------|---|
| 71-43-2 | Benzene | ND | 1.0 | 0.25 | ug/l | |

CAS No. Surrogate Recoveries Limits

| | | | |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | 62-130% |
| 2037-26-5 | Toluene-D8 | 101% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 69-130% |

Blank Spike Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V7V1469-BS | 7V26796.D | 1 | 06/06/14 | JL | n/a | n/a | V7V1469 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-1, D58509-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------|---------------|-------------|----------|--------|
| 71-43-2 | Benzene | 50 | 51.1 | 102 | 70-130 |
| 100-41-4 | Ethylbenzene | 50 | 51.0 | 102 | 70-130 |
| 108-88-3 | Toluene | 50 | 48.2 | 96 | 70-130 |
| 1330-20-7 | Xylene (total) | 150 | 156 | 104 | 70-130 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 112% | 62-130% |
| 2037-26-5 | Toluene-D8 | 97% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 102% | 69-130% |

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V6V1430-BS | 6V25227.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-3, D58509-4, D58509-5, D58509-6, D58509-7

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------|---------------|-------------|----------|--------|
| 71-43-2 | Benzene | 50 | 47.8 | 96 | 70-130 |
| 100-41-4 | Ethylbenzene | 50 | 51.3 | 103 | 70-130 |
| 108-88-3 | Toluene | 50 | 47.9 | 96 | 70-130 |
| 1330-20-7 | Xylene (total) | 150 | 156 | 104 | 70-130 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 62-130% |
| 2037-26-5 | Toluene-D8 | 99% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 69-130% |

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D58509
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V3V1814-BS | 3V31000.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-8, D58509-9, D58509-10, D58509-11, D58509-12, D58509-13

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|-----------|----------------|---------------|-------------|----------|--------|
| 71-43-2 | Benzene | 50 | 49.9 | 100 | 70-130 |
| 100-41-4 | Ethylbenzene | 50 | 50.3 | 101 | 70-130 |
| 108-88-3 | Toluene | 50 | 48.4 | 97 | 70-130 |
| 1330-20-7 | Xylene (total) | 150 | 141 | 94 | 70-130 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 94% | 62-130% |
| 2037-26-5 | Toluene-D8 | 95% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 100% | 69-130% |

* = Outside of Control Limits.

Blank Spike Summary

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V7V1473-BS | 7V26883.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |

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

D58509-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
| 71-43-2 | Benzene | 50 | 47.5 | 95 | 70-130 |

| CAS No. | Surrogate Recoveries | BSP | Limits |
|------------|-----------------------|------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 108% | 62-130% |
| 2037-26-5 | Toluene-D8 | 100% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 69-130% |

* = Outside of Control Limits.

Blank Spike Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|------------|-----------|----|----------|----|-----------|------------|------------------|
| V7V1473-BS | 7V26884.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-2

| CAS No. | Compound | Spike ug/l | BSP ug/l | BSP % | Limits |
|---------|----------|---------------|-------------|----------|--------|
|---------|----------|---------------|-------------|----------|--------|

| CAS No. | Surrogate Recoveries | BSP | Limits |
|---------|----------------------|-----|--------|
|---------|----------------------|-----|--------|

| | | | |
|------------|-----------------------|-----|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | 62-130% |
| 2037-26-5 | Toluene-D8 | 99% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 99% | 69-130% |

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------------------|-----------|----|----------|----|-----------|------------|------------------|
| D58410-9MS ^a | 7V26797.D | 5 | 06/06/14 | JL | n/a | n/a | V7V1469 |
| D58410-9 ^a | 7V26790.D | 1 | 06/05/14 | JL | n/a | n/a | V7V1469 |
| D58410-9 ^a | 7V26798.D | 5 | 06/06/14 | JL | n/a | n/a | V7V1469 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-1, D58509-2

| CAS No. | Compound | D58410-9 | | Spike | MS | MS | Limits |
|-----------|----------------|----------|---|-------|------|-----|--------|
| | | ug/l | Q | ug/l | ug/l | % | |
| 71-43-2 | Benzene | ND | | 250 | 242 | 97 | 62-130 |
| 100-41-4 | Ethylbenzene | ND | | 250 | 251 | 100 | 63-130 |
| 108-88-3 | Toluene | ND | | 250 | 233 | 93 | 60-130 |
| 1330-20-7 | Xylene (total) | ND | | 750 | 759 | 101 | 67-130 |

| CAS No. | Surrogate Recoveries | MS | D58410-9 | D58410-9 | Limits |
|------------|-----------------------|------|----------|----------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 75% | 89% | 62-130% |
| 2037-26-5 | Toluene-D8 | 98% | 100% | 99% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 102% | 94% | 98% | 69-130% |

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------------------|-----------|----|----------|----|-----------|------------|------------------|
| D58547-7MS ^a | 7V26896.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |
| D58547-7 ^a | 7V26898.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-2

| CAS No. | Compound | D58547-7 | | Spike | MS | MS | Limits |
|-------------------------------------|-----------------------|----------|---|-------|------|---------|--------|
| | | ug/l | Q | ug/l | ug/l | % | |
| 71-43-2 | Benzene | ND | | 50 | 49.1 | 98 | 62-130 |
| CAS No. Surrogate Recoveries | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-D4 | 110% | | 70% | | 62-130% | |
| 2037-26-5 | Toluene-D8 | 99% | | 102% | | 70-130% | |
| 460-00-4 | 4-Bromofluorobenzene | 100% | | 95% | | 69-130% | |

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

* = Outside of Control Limits.

Matrix Spike Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------------------|-----------|----|----------|----|-----------|------------|------------------|
| D58547-7MS ^a | 7V26897.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |
| D58547-7 ^a | 7V26898.D | 1 | 06/11/14 | JL | n/a | n/a | V7V1473 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-2

| CAS No. | Compound | D58547-7 ug/l | Spike Q | MS ug/l | MS % | Limits |
|---------|----------|------------------|------------|------------|---------|--------|
|---------|----------|------------------|------------|------------|---------|--------|

| CAS No. | Surrogate Recoveries | MS | D58547-7 | Limits |
|------------|-----------------------|------|----------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 104% | 70% | 62-130% |
| 2037-26-5 | Toluene-D8 | 99% | 102% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 97% | 95% | 69-130% |

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| D58508-3MS | 6V25231.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| D58508-3MSD | 6V25232.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |
| D58508-3 | 6V25230.D | 1 | 06/07/14 | BR | n/a | n/a | V6V1430 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-3, D58509-4, D58509-5, D58509-6, D58509-7

| CAS No. | Compound | D58508-3 | | Spike | MS | MS | Spike | MSD | MSD | RPD | Limits Rec/RPD |
|-----------|----------------|----------|---|-------|------|-----|-------|------|-----|-----|-------------------|
| | | ug/l | Q | ug/l | ug/l | % | ug/l | ug/l | % | | |
| 71-43-2 | Benzene | ND | | 50 | 46.8 | 94 | 50 | 49.3 | 99 | 5 | 62-130/30 |
| 100-41-4 | Ethylbenzene | ND | | 50 | 50.7 | 101 | 50 | 54.2 | 108 | 7 | 63-130/30 |
| 108-88-3 | Toluene | ND | | 50 | 47.5 | 95 | 50 | 49.3 | 99 | 4 | 60-130/30 |
| 1330-20-7 | Xylene (total) | ND | | 150 | 154 | 103 | 150 | 160 | 107 | 4 | 67-130/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | D58508-3 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 91% | 93% | 93% | 62-130% |
| 2037-26-5 | Toluene-D8 | 99% | 98% | 96% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 102% | 102% | 90% | 69-130% |

* = Outside of Control Limits.

Matrix Spike/Matrix Spike Duplicate Summary

Page 1 of 1

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| D58509-8MS | 3V31006.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| D58509-8MSD | 3V31007.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |
| D58509-8 | 3V31005.D | 1 | 06/10/14 | BR | n/a | n/a | V3V1814 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-8, D58509-9, D58509-10, D58509-11, D58509-12, D58509-13

| CAS No. | Compound | D58509-8 | | Spike | MS | MS | Spike | MSD | MSD | RPD | Limits Rec/RPD |
|-----------|----------------|----------|---|-------|------|-----|-------|------|-----|-----|-------------------|
| | | ug/l | Q | ug/l | ug/l | % | ug/l | ug/l | % | | |
| 71-43-2 | Benzene | ND | | 50 | 50.8 | 102 | 50 | 52.2 | 104 | 3 | 62-130/30 |
| 100-41-4 | Ethylbenzene | ND | | 50 | 51.2 | 102 | 50 | 52.4 | 105 | 2 | 63-130/30 |
| 108-88-3 | Toluene | ND | | 50 | 48.9 | 98 | 50 | 50.0 | 100 | 2 | 60-130/30 |
| 1330-20-7 | Xylene (total) | ND | | 150 | 143 | 95 | 150 | 147 | 98 | 3 | 67-130/30 |

| CAS No. | Surrogate Recoveries | MS | MSD | D58509-8 | Limits |
|------------|-----------------------|------|------|----------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 96% | 93% | 93% | 62-130% |
| 2037-26-5 | Toluene-D8 | 96% | 95% | 94% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 101% | 101% | 97% | 69-130% |

* = Outside of Control Limits.

Duplicate Summary

Page 1 of 1

Job Number: D58509
Account: DCPMCODN DCP Midstream, LP
Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|--------------------------|-----------|----|----------|----|-----------|------------|------------------|
| D58475-1DUP ^a | 7V26800.D | 1 | 06/06/14 | JL | n/a | n/a | V7V1469 |
| D58475-1 ^a | 7V26799.D | 1 | 06/06/14 | JL | n/a | n/a | V7V1469 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-1, D58509-2

| CAS No. | Compound | D58475-1 | | DUP | | RPD | Limits |
|-----------|----------------|----------|---|------|--|-----|--------|
| | | ug/l | Q | ug/l | | | |
| 71-43-2 | Benzene | ND | | ND | | nc | 30 |
| 100-41-4 | Ethylbenzene | ND | | ND | | nc | 30 |
| 108-88-3 | Toluene | ND | | ND | | nc | 30 |
| 1330-20-7 | Xylene (total) | ND | | ND | | nc | 30 |

| CAS No. | Surrogate Recoveries | DUP | D58475-1 | Limits |
|------------|-----------------------|------|----------|---------|
| 17060-07-0 | 1,2-Dichloroethane-D4 | 100% | 98% | 62-130% |
| 2037-26-5 | Toluene-D8 | 100% | 100% | 70-130% |
| 460-00-4 | 4-Bromofluorobenzene | 96% | 97% | 69-130% |

(a) The pH of the sample aliquot for VOA analysis was > 2 at time of analysis.

* = Outside of Control Limits.

Duplicate Summary

Job Number: D58509

Account: DCPMCODN DCP Midstream, LP

Project: TASMCOA:DCP RR EXT

| Sample | File ID | DF | Analyzed | By | Prep Date | Prep Batch | Analytical Batch |
|-------------|-----------|----|----------|----|-----------|------------|------------------|
| D58509-2DUP | 7V26890.D | 20 | 06/11/14 | JL | n/a | n/a | V7V1473 |
| D58509-2 | 7V26889.D | 20 | 06/11/14 | JL | n/a | n/a | V7V1473 |

The QC reported here applies to the following samples:

Method: SW846 8260B

D58509-2

| CAS No. | Compound | D58509-2 | | DUP | | RPD | Limits |
|-------------------------------------|-----------------------|----------|---|----------|---|---------|--------|
| | | ug/l | Q | ug/l | Q | | |
| 71-43-2 | Benzene | 842 | | 816 | | 3 | 30 |
| CAS No. Surrogate Recoveries | | | | | | | |
| 17060-07-0 | 1,2-Dichloroethane-D4 | DUP | | D58509-2 | | Limits | |
| 2037-26-5 | Toluene-D8 | 96% | | 101% | | 62-130% | |
| 460-00-4 | 4-Bromofluorobenzene | 101% | | 101% | | 70-130% | |
| | | 96% | | 96% | | 69-130% | |

* = Outside of Control Limits.



General Chemistry

QC Data Summaries

7

Includes the following where applicable:

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

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D58509
Account: DCPMCODN - DCP Midstream, LP
Project: TASMC0A:DCP RR EXT

| Analyte | Batch ID | RL | MB Result | Units | Spike Amount | BSP Result | BSP %Recov | QC Limits |
|----------|-----------------|------|-----------|-------|--------------|------------|------------|-----------|
| Chloride | GP12766/GN25011 | 0.50 | 0.0 | mg/l | 5 | 4.71 | 94.2 | 90-110% |
| Chloride | GP12771/GN25028 | 0.50 | 0.0 | mg/l | 5 | 5.07 | 101.4 | 90-110% |
| Sulfate | GP12771/GN25028 | 0.50 | 0.0 | mg/l | 5 | 5.21 | 104.2 | 90-110% |

Associated Samples:

Batch GP12766: D58509-1, D58509-2, D58509-3, D58509-4, D58509-5, D58509-6, D58509-7

Batch GP12771: D58509-8, D58509-9, D58509-10, D58509-11, D58509-12

(*) Outside of QC limits

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D58509
Account: DCPMCODN - DCP Midstream, LP
Project: TASMCOA:DCP RR EXT

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MS Result | %Rec | QC Limits |
|----------|-----------------|-----------|-------|-----------------|--------------|-----------|-------|-----------|
| Chloride | GP12766/GN25011 | D58509-1 | mg/l | 466 | 125 | 589 | 98.4 | 80-120% |
| Chloride | GP12771/GN25028 | D58474-5 | mg/l | 1.7 | 5 | 6.9 | 104.0 | 80-120% |
| Sulfate | GP12771/GN25028 | D58474-5 | mg/l | 4.1 | 5 | 9.2 | 102.0 | 80-120% |

Associated Samples:

Batch GP12766: D58509-1, D58509-2, D58509-3, D58509-4, D58509-5, D58509-6, D58509-7

Batch GP12771: D58509-8, D58509-9, D58509-10, D58509-11, D58509-12

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

MATRIX SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: D58509
Account: DCPMCODN - DCP Midstream, LP
Project: TASMC0A:DCP RR EXT

| Analyte | Batch ID | QC Sample | Units | Original Result | Spike Amount | MSD Result | RPD | QC Limit |
|----------|-----------------|-----------|-------|-----------------|--------------|------------|-----|----------|
| Chloride | GP12766/GN25011 | D58509-1 | mg/l | 466 | 125 | 592 | 0.5 | 20% |
| Chloride | GP12771/GN25028 | D58474-5 | mg/l | 1.7 | 5 | 6.8 | 1.5 | 20% |
| Sulfate | GP12771/GN25028 | D58474-5 | mg/l | 4.1 | 5 | 9.2 | 0.0 | 20% |

Associated Samples:

Batch GP12766: D58509-1, D58509-2, D58509-3, D58509-4, D58509-5, D58509-6, D58509-7

Batch GP12771: D58509-8, D58509-9, D58509-10, D58509-11, D58509-12

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits