

2020 Annual Groundwater Monitoring and Activities Summary Report

Eldridge Ranch
Lea County, New Mexico
AP-33

APPROVED

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Review of 2020 Annual Groundwater Monitoring and Activities:

Content satisfactory

1. Follow recommendations stated within 2020 Annual Groundwater Monitoring and Activities Report.
 - a. Continue annual groundwater monitoring activities during 2021. Per request from the New Mexico OCD to rotate the date of annual sampling activities, the 2021 annual monitoring event will be performed during September 2021
 - b. Continue EFR remediation activities at wells with measurable amounts of LNAPL and/or elevated dissolved phase benzene concentrations. EFR events will be performed on a quarterly basis. Add monitoring well MW-14 to the EFR remediation program
 - c. Continue evaluation of dissolved phase BTEX concentrations at NMG-MW-5 during the September 2021 groundwater monitoring event



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1. Introduction

This report summarizes annual 2020 groundwater monitoring and remediation activities conducted at the Eldridge Ranch Pipeline Release (Site) in Lea County, New Mexico (Figure 1). Tasman Geosciences (Tasman) performed these activities on behalf of DCP Midstream (DCP). The groundwater monitoring activities described herein were conducted to monitor the presence of light non-aqueous phase liquid (LNAPL) hydrocarbons, measure groundwater levels, obtain groundwater samples for laboratory analysis, and evaluate groundwater flow and quality conditions. Field data and laboratory analytical results collected between June 10 to 11, 2020, were used to develop a groundwater elevation contour map and an analytical results map to evaluate current conditions at the Site.

2. Site Location and Background

The Site is located in New Mexico Oil Conservation Division (OCD) designated Unit P, Section 21, Township 19 South, Range 37 East, approximately 1 mile north and 3/4 of a mile east of the town of Monument in Lea County, New Mexico. The approximate coordinates are 32.642 degrees north and 103.256 degrees west. The surrounding area is predominantly uninhabited and used for ranching and oil and gas production and gathering. Approximately five underground pipelines traverse the Site.

The Site includes the former Eldridge Ranch property to the south and the former Huston property in the central portion, both of which are owned by DCP. The northern portion of the Site consists of land leased by DCP from the State of New Mexico. The Site spans more than a mile north to south over these three sections. For ease of discussion, the State of New Mexico property is referred to as the North Area, the Huston property is referenced as the Central Area, and the Eldridge Property is referred to as the South Area, as shown on Figure 2.

On March 9 and 12, 2018 plugging and abandonment of thirteen (13) total monitoring wells and one residential well was conducted in accordance with an approved Well Plugging Plan of Operations approved on February 27, 2018. The 13 wells plugged and abandoned included the Eldridge House Well, and Monitoring Wells: MW-1, MW-1D, MW-2, MW-3, MW-16, MW-17, NMG MW-2, NMG MW-3, NMG MW-4, NMG MW-6, NMG MW-7, and NMG MW-8.

3. Groundwater Monitoring

This section describes the field groundwater monitoring activities performed during the annual 2020 monitoring event between June 10 and 11, 2020. Monitoring activities 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 fluctuations in groundwater and LNAPL elevations at the Site. Annual 2020 groundwater levels were measured at 29 of the 45 monitoring well locations.

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

Groundwater and LNAPL elevations collected during the reporting period as well as historical elevations are presented in Table 1. An annual 2020 groundwater elevation map, included as Figure 3, indicates that groundwater flow at the Site trends to the south-southeast. Groundwater elevations, ranges, 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

	2020 Annual (6/10/2020)
Maximum Elevation (Well ID)	3,615.86 (NMG MW-5)
Minimum Elevation (Well ID)	3,598.33 (MW-E)
Average Change from Previous Monitoring Event – All Wells	-0.62 feet
Hydraulic Gradient (ft/ft) / (Well IDs)	0.0039 (NMG MW-5 to MW-E)

During the annual 2020 event, LNAPL was detected at 5 monitoring wells, as summarized below:

Monitoring Well ID	Measured LNAPL Thickness (feet)
MW-14	0.27
MW-23	0.42
MW-27	0.01
MW-N	0.24
MW-CC	0.45

3.2 Groundwater Quality Monitoring

Subsequent to recording groundwater level measurements at each monitoring well, groundwater samples were collected from monitoring wells that did not contain measurable LNAPL and that are historically included in the sampling network. A minimum of three well casing volumes of groundwater (calculated from total depth of the well and groundwater level measurements) was then purged from the subject well prior to the collection of groundwater samples. Groundwater samples were collected using disposable polyethylene bailers, placed in clean laboratory supplied containers, packed in an ice-filled cooler and maintained at approximately four (4) degrees Celsius (°C) for transportation to the laboratory. Groundwater samples were then shipped under chain-of-custody procedures to Pace Analytical labs (Pace) in Mount Juliet, Tennessee, for analysis.



Water quality samples were collected from 29 monitoring wells during the annual 2020 monitoring event and submitted to Pace Analytical laboratory for benzene, toluene, ethylbenzene, and total xylenes (BTEX) analyses by United States Environmental Protection Agency (USEPA) Method 8260B.

Table 2 summarizes BTEX concentrations in groundwater samples collected during the annual 2020 event. A dissolved phase benzene iso-concentration map is illustrated on Figure 4. In addition, historical analytical results up to and including the June 2020 event are contained in Appendix A and the laboratory analytical report for the reporting period is included in Appendix B.

Analytical results/observations are summarized below.

- Benzene concentrations in groundwater samples from thirteen (13) of the sampled monitoring wells were in exceedance of the New Mexico Water Quality Control Commission (NMWQCC) groundwater standard of 0.005 milligrams per liter (mg/L). Detected benzene concentrations ranged from 54.4 mg/L at monitoring well MW-23 to 0.0138 mg/L at NMG-MW-5.
- Toluene was in exceedance of the NMWQCC groundwater standards of 1.0 mg/L at four (4) of the sampled monitoring wells including MW-14 (18.9 mg/L), MW-23 (606 mg/L), MW-26 (1.87 mg/L) and MW-CC (2.85 mg/L). Toluene was above laboratory detection limits at MW-11, MW-27 and MW-N with concentrations of 0.000482 J mg/L, 0.624 mg/L, and 0.0809 mg/L, respectively.
- Ethylbenzene was in exceedance of the NMWQCC groundwater standard of 0.70 mg/L at three (3) of the sampled monitoring wells including MW-14 (3.71 mg/L), MW-23 (127 mg/L), and MW-CC (0.741 J mg/L). Ethylbenzene was above laboratory detection limits at MW-8 (0.000243 J mg/L), MW-11 (0.0312 mg/L, duplicate 0.0321 mg/L), MW-12 (0.119 mg/L), MW-26 (0.146 mg/L), MW-27 (0.424 mg/L), MW-M (0.106 mg/L), MW-N (0.602 mg/L), MW-O (0.00172 mg/L), MW-LL (0.00825 mg/L, Duplicate 0.0051 mg/L), and NMG-MW-5 (0.00732 mg/L).
- Total xylenes were in exceedance of the NMWQCC groundwater standard of 0.62 mg/L at five (5) of the Site monitoring wells including MW-14 (10.8 mg/L), MW-23 (436 mg/L), MW-27 (1.07 mg/L), MW-N (1.41 mg/L) and MW-CC (2.05 J mg/L). Total xylenes were above laboratory detection limits at MW-8 (0.000268J mg/L), MW-11 (0.0184 mg/L, Duplicate 0.0192 mg/L), MW-12 (0.000692 J mg/L), MW-26 (0.334 mg/L), MW-O (0.00276 J mg/L), MW-LL (0.000255 J mg/L, Duplicate <0.0030 mg/L), and NMG-MW-5 (0.00486 mg/L).
- The remaining sampled well locations had BTEX concentrations below the NMWQCC groundwater standards and/or laboratory detection limits.

3.3 Data Quality Assurance / Quality Control

Field duplicate samples (MW-11, MW-EE, and MW-LL) were collected during the sampling event. The data was 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 data were reported using the correct method number and reporting units. QA/QC items of note for the annual 2020 event include the following:

- A trip blank was not received by the laboratory.
- The duplicate values at monitoring wells MW-11 indicated good correlation between primary and duplicate samples with a relative percent difference (RPD) value of 0.51%, which is within the target range of 20%.
- The RPD of the parent and duplicate samples from MW-EE and MM-LL were calculated at 38.4% and 36.2%, respectively, which is above the target RPD of 20%. The difference in the analytical results may be due to non-homogeneity of target analytes within the sample matrix.

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

4. Remediation Activities

Active LNAPL remediation and passive dissolved phase petroleum hydrocarbon remediation activities were conducted quarterly during 2020 as described in the following Sections.

4.1 Vacuum Enhanced Fluid Recovery

During 2020, Tasman conducted two vacuum enhanced fluid recovery (EFR) events on February 25 and December 14, 2020. During the February and December events, EFR was applied to MW-27 and MW-CC simultaneously for four (4) hours and then moved to MW-23 for 4 hours. EFR was applied at each location using a vacuum truck and down-hole stinger pipe assemblies that were placed slightly below the LNAPL/groundwater interface, thereby removing LNAPL, groundwater, and hydrocarbon vapors from the subsurface. The EFR durations and liquid recovery volumes that were recorded during EFR efforts are summarized in the table below. The recovered liquid from the EFR events was subsequently transported and disposed of at the Cooper Disposal Facility in Hobbs, New Mexico.

EFR Location*	1Q (2/25/2020)	4Q (12/14/2020)
Duration (hrs) / Volume Removed (bbl)		
MW-23	4/20	4/15
MW-27 / MW-CC	4/50	4/5

Note:

* Vacuum enhanced fluid recovery at MW-27 and MW-CC was conducted simultaneously.

bbl = barrel

hrs = hours



4.2 Monitored Natural Attenuation (MNA)

In addition to EFR remediation activities, MNA continues to be employed as a remediation strategy to address dissolved phase petroleum hydrocarbon detections at the Site.

Due to the continuous reduction in hydrocarbon concentrations, monitoring wells in the North Area and South Area of the Site have exhibited detections below NMWQCC standards and/or laboratory detection limits. During the June 2020 monitoring event, NMG-MW-5 (North Area) was slightly above the standard for benzene for the first time since 2014. This well will continue to be evaluated during 2021 for any further changes. Additionally, MW-23 in the Central Area exhibited elevated concentrations above the NMWQCC standards for the first time since 2016.

Monitoring wells MW-S, MW-I, and MW-6 serve as point of compliance wells along with several additional downgradient wells in the Central Area and exhibit BTEX concentrations below laboratory detection limits. Historical and 2020 annual analytical data suggests that MNA continues to demonstrate the overall general degradation of dissolved phase hydrocarbon concentrations at the Site.

5. Conclusions

Data and observations collected during the annual 2020 monitoring event provide the following conclusions:

- Site-wide:
 - Dissolved phase BTEX concentrations indicate an overall declining trend.
- North Area of the Site:
 - Benzene concentrations within the North Area were below the laboratory detection limits and NMWQCC regulatory standards during the annual 2020 monitoring event with exception NMG-MW-5 which was above the standard for the first time since 2014. The observed concentration at that location may be anomalous. Continued monitoring is warranted, and further evaluation of benzene concentrations will be completed in 2021. Should the benzene concentration trend upwards at that location, additional investigation may be required.
- Central Area of the Site:
 - LNAPL persists with fluctuating thicknesses in monitoring wells MW-23, MW-27, MW-N, and MW-CC. Thicknesses were calculated as 0.45-feet, 0.01-feet, 0.14-feet and 0.48-feet, respectively.
 - LNAPL was detected in MW-14 for the first time during the June 2020 sampling event with and observed thickness of 0.27-feet.
 - Elevated dissolved phase benzene concentrations continue to be observed within in the Central Area of the Site. However, the benzene concentrations within the plume continue to exhibit a strong declining trend with minor fluctuations likely attributed to seasonal



variations in the groundwater elevations at the Site. This trend indicates that the overall dissolved phase plume is being mitigated through natural processes.

- Point of compliance wells indicate that isolated impacts are not migrating.
- South Area of the Site:
 - Following well abandonment activities performed during March 2018, remaining wells within the South Area are no longer sampled as part of the annual monitoring program.

6. Recommendations

Based on evaluation of the 2020 annual monitoring event site observations and monitoring results, the following recommendations have been developed for future activities:

- Continue annual groundwater monitoring activities during 2021. Per request from the New Mexico OCD to rotate the date of annual sampling activities, the 2021 annual monitoring event will be performed during September 2021.
- Continue EFR remediation activities at wells with measurable amounts of LNAPL and/or elevated dissolved phase benzene concentrations. During 2021, EFR events will be performed on a quarterly basis beginning in February 2021 for a total of four (4) events. Monitoring well MW-14 will be added to the EFR remediation program. Ongoing EFR efforts will be further assessed following annual monitoring events.
- Dissolved phase BTEX concentrations at NMG-MW-5 will be evaluated during the September 2021 groundwater monitoring event. Should the benzene concentration continue to be above the water quality standard, additional investigation activities may be warranted. At this time, the observed concentration during the 2020 monitoring event is considered anomalous.

Tables

TABLE 1
2020 ANNUAL
SUMMARY OF GROUNDWATER ELEVATION DATA
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event (1) (feet)
MW-1	9/27/2017	18.40			29.45	3618.22	3599.82	0.09
MW-1	3/12/2018	PLUGGED AND ABANDONED						
MW-1D	9/27/2017	19.99			42.45	3616.18	3596.19	0.03
MW-1D	3/12/2018	PLUGGED AND ABANDONED						
MW-2	9/27/2017	21.60			28.90	3621.63	3600.03	0.01
MW-2	3/12/2018	PLUGGED AND ABANDONED						
MW-3	9/27/2017	21.51			30.21	3621.67	3600.16	0.00
MW-3	3/12/2018	PLUGGED AND ABANDONED						
MW-4	6/10/2019	NM			NM	3621.31	NA	NA
MW-4	6/10/2020	NM			NM	3621.31	NA	NA
MW-5	6/10/2019	NM			NM	3618.08	NA	NA
MW-5	6/10/2020	NM			NM	3618.08	NA	NA
MW-6	6/10/2019	21.61			30.10	3624.99	3603.38	-0.22
MW-6	6/10/2020	22.22			30.10	3624.99	3602.77	-0.61
MW-7	6/10/2019	27.10			NM	3630.62	3603.52	NA
MW-7	6/10/2020	NM			NM	3630.62	NA	NA
MW-8	6/10/2019	23.51			32.52	3625.92	3602.41	-0.30
MW-8	6/10/2020	24.25			32.52	3625.92	3601.67	-0.74
MW-9	6/10/2019	NM			NM	3620.78	NA	NA
MW-9	6/10/2020	NM			NM	3620.78	NA	NA
MW-10	6/10/2019	23.41			31.61	3627.27	3603.86	-0.37
MW-10	6/10/2020	24.20			31.61	3627.27	3603.07	-0.79
MW-11	6/10/2019	24.01			32.79	3627.56	3603.55	-0.40
MW-11	6/10/2020	24.75			32.79	3627.56	3602.81	-0.74
MW-12	6/10/2019	26.32			34.10	3631.14	3604.82	-1.63
MW-12	6/10/2020	27.05			34.10	3631.14	3604.09	-0.73
MW-13	6/10/2019	27.95			NM	3632.90	3604.95	NA
MW-13	6/10/2020	NM			NM	3632.90	NA	NA
MW-14	6/10/2019	24.38			34.17	3630.36	3605.98	-0.38
MW-14	6/10/2020	25.34	25.07	0.27	34.17	3630.36	3605.22	-0.76
MW-15	6/10/2019	27.18			NM	3635.47	3608.29	NA
MW-15	6/10/2020	NM			NM	3635.47	NA	NA
MW-16	9/27/2016	17.38			27.95	3611.54	3594.16	0.38
MW-16	3/12/2018	PLUGGED AND ABANDONED						
MW-17	9/27/2017	14.75			27.50	3608.23	3593.48	0.04
MW-17	3/12/2018	PLUGGED AND ABANDONED						
MW-18	6/10/2019	23.27			34.89	3623.53	3600.26	-0.20
MW-18	6/10/2020	24.20			34.89	3623.53	3599.33	-0.93

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MW-19	6/10/2019	18.25			30.11	3617.99	3599.74	-0.19
MW-19	6/10/2020	19.03			30.11	3617.99	3598.96	-0.78
MW-20	6/10/2019	31.30			35.44	3637.14	3605.84	-0.45
MW-20	6/10/2020	29.92			35.44	3637.14	3607.22	1.38
MW-21	6/10/2019	NM			NM	3633.27	NA	NA
MW-21	6/10/2020	NM			NM	3633.27	NA	NA
MW-22	6/10/2019	22.75			34.45	3628.68	3605.93	-0.36
MW-22	6/10/2020	23.50			34.45	3628.68	3605.18	-0.75
MW-23	6/10/2019	24.70	24.25	0.45	32.90	3632.02	3607.66	-0.28
MW-23	6/10/2020	25.23	24.81	0.42	32.90	3632.02	3607.11	-0.55
MW-24	6/10/2019	NM			NM	3609.15	NA	NA
MW-24	6/10/2020	NM			NM	3609.15	NA	NA
MW-25	6/10/2019	28.23			36.19	3640.14	3611.91	-0.19
MW-25	6/10/2020	28.43			36.19	3640.14	3611.71	-0.20
MW-26	6/10/2019	25.25			35.90	3635.01	3609.76	-0.29
MW-26	6/10/2020	25.70			35.90	3635.01	3609.31	0.00
MW-27	6/10/2019	29.88	29.38	0.50	NM	3636.41	3606.91	-0.47
MW-27	6/10/2020	30.49	30.48	0.01	NM	3636.41	3605.93	-0.98
MW-28	6/10/2019	NM			NM	3632.58	NA	NA
MW-28	6/10/2020	NM			NM	3632.58	NA	NA
MW-29	6/10/2019	26.33			35.16	3634.17	3607.84	-0.31
MW-29	6/10/2020	26.81			35.16	3634.17	3607.36	-0.48
MW-30	6/10/2019	NM			NM	3630.76	NA	NA
MW-30	6/10/2020	NM			NM	3630.76	NA	NA
MW-31	6/10/2019	NM			NM	3625.38	NA	NA
MW-31	6/10/2020	NM			NM	3625.38	NA	NA
MW-A	6/10/2019	NM			NM	3616.26	NA	NA
MW-A	6/10/2020	NM			NM	3616.26	NA	NA
MW-E	6/10/2019	21.42			28.70	3620.44	3599.02	-0.14
MW-E	6/10/2020	22.11			28.70	3620.44	3598.33	-0.69
MW-F	6/10/2019	17.21			27.16	3616.44	3599.23	-0.15
MW-F	6/10/2020	17.94			27.16	3616.44	3598.50	-0.73
MW-I	6/10/2019	25.11			36.64	3627.63	3602.52	-0.28
MW-I	6/10/2020	25.87			36.64	3627.63	3601.76	-0.76
MW-J	6/10/2019	NM			NM	3624.79	NA	NA
MW-J	6/10/2020	NM			NM	3624.79	NA	NA
MW-M	6/10/2019	28.34			40.34	3634.10	3605.76	-0.41
MW-M	6/10/2020	29.12			40.34	3634.10	3604.98	-0.78

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MW-N	6/10/2019	29.80			NM	3635.45	3605.65	-0.39
MW-N	6/10/2020	30.75	30.61	0.14	NM	3635.45	3604.81	-0.84
MW-O	6/10/2019	28.41			38.82	3634.05	3605.64	-0.41
MW-O	6/10/2020	29.25			38.82	3634.05	3604.80	-0.84
MW-Q	6/10/2019	25.03			36.98	3631.59	3606.56	-0.39
MW-Q	6/10/2020	25.85			36.98	3631.59	3605.74	-0.82
MW-S	6/10/2019	17.64			31.22	3622.20	3604.56	-0.38
MW-S	6/10/2020	18.44			31.22	3622.20	3603.76	-0.80
MW-CC	6/10/2019	29.61	29.16	0.45	NM	3635.22	3605.95	-0.39
MW-CC	6/10/2020	30.53	30.05	0.48	NM	3635.22	3605.05	-0.90
MW-EE	6/10/2019	24.26			34.09	3632.32	3608.06	-0.27
MW-EE	6/10/2020	24.80			34.09	3632.32	3607.52	-0.54
MW-LL	6/10/2019	29.76			39.51	3635.41	3605.65	-0.41
MW-LL	6/10/2020	30.59			39.51	3635.41	3604.82	-0.83
MW-MM	6/10/2019	24.35			32.02	3631.61	3607.26	-0.38
MW-MM	6/10/2020	25.09			32.02	3631.61	3606.52	-0.74
NMG-MW-2	9/27/2017	29.50			37.29	3646.90	3617.40	-1.21
NMG-MW-2	3/9/2018	PLUGGED AND ABANDONED						
NMG-MW-3	9/27/2017	29.21			39.37	3649.80	3620.59	-0.22
NMG-MW-3	3/9/2018	PLUGGED AND ABANDONED						
NMG-MW-4	9/27/2017	29.21			36.21	3646.08	3616.87	-0.25
NMG-MW-4	3/9/2018	PLUGGED AND ABANDONED						
NMG-MW-5	6/10/2019	32.24			38.47	3648.55	3616.31	-0.39
NMG-MW-5	6/10/2020	32.69			38.47	3648.55	3615.86	-0.45
NMG-MW-6	9/27/2017	29.70			38.34	3646.62	3616.92	-0.44
NMG-MW-6	3/9/2018	PLUGGED AND ABANDONED						
NMG-MW-7	9/27/2017	28.49			36.91	3644.18	3615.69	-0.44
NMG-MW-7	3/9/2018	PLUGGED AND ABANDONED						
NMG-MW-8	9/27/2017	30.65			38.69	3647.18	3616.53	-0.43
NMG-MW-8	3/9/2018	PLUGGED AND ABANDONED						
NMG-MW-9	6/10/2019	NM			NM	3642.12	NA	NA
NMG-MW-9	6/10/2020	NM			NM	3642.12	NA	NA
NMG-MW-10	6/10/2019	28.02			31.90	3641.78	3613.76	-0.40
NMG-MW-10	6/10/2020	28.56			31.90	3641.78	3613.22	-0.54
NMG-MW-11	6/10/2019	NM			NM	3640.37	NA	NA
NMG-MW-11	6/10/2020	NM			NM	3640.37	NA	NA
NMG-MW-12	6/10/2019	NM			NM	3638.20	NA	NA
NMG-MW-12	6/10/2020	NM			NM	3638.20	NA	NA

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Location	Date	Depth to Groundwater (feet)	Depth to Product (feet)	Free Phase Hydrocarbon Thickness (feet)	Total Depth (feet)	TOC Elevation (feet amsl)	Groundwater Elevation (*) (feet amsl)	Change in Groundwater Elevation Since Previous Event (1) (feet)
NMG-MW-13	6/10/2019	NM			NM	3636.64	NA	NA
NMG-MW-13	6/10/2020	NM			NM	3636.64	NA	NA
Average change in groundwater elevation (6/10/2019 to 6/10/2020)								-0.62

Notes:

1- Changes in groundwater elevation calculated by subtracting the measurement collected during the previous monitoring event from the measurement collected amsl = feet above mean sea level

TOC = top of casing

Groundwater elevation = (TOC Elevation - Measured Depth to Water)

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

** Estimated LNAPL thickness measured from visible LNAPL observed in the sample bailer.

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

LNAPL relative density is assumed to be approximately 0.75

NM = Not Measured

NA = Not Applicable

TABLE 2
2020 ANNUAL
SUMMARY OF BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/L)	Toluene (mg/L)	Ethylbenzene (mg/L)	Total Xylenes (mg/L)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-6	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-8	6/10/2020	0.000327 J	<0.0010	0.000243 J	0.000268 J	
MW-10	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-11	6/10/2020	0.0976	0.000482 J	0.0312	0.0184	Duplicate A sample collected
MW-11 (Duplicate)	6/10/2020	0.0981	0.000692J	0.0321	0.0192	
MW-12	6/10/2020	0.199	<0.0010	0.119	0.000692 J	
MW-14	6/11/2020	3.65	18.9	3.71	10.8	
MW-18	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-23	6/11/2020	54.4	606	127	436	5000x dilution
MW-25	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-26	6/11/2020	5.05	1.87	0.146	0.334	
MW-27	6/11/2020	0.554	0.624	0.424	1.07	
MW-29	6/11/2020	0.000108 J	<0.0010	<0.0010	<0.0030	
MW-E	6/10/2020	0.000113 J	<0.0010	<0.0010	<0.0030	
MW-F	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-M	6/11/2020	0.0247	<0.00100	0.106	<0.0030	
MW-N	6/11/2020	4.74	0.0809	0.602	1.41	
MW-O	6/11/2020	0.87	<0.0010	0.00172	0.00276 J	
MW-Q	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-CC	6/11/2020	1.13 J	2.85	0.741 J	2.05 J	
MW-EE	6/11/2020	0.0181	<0.0010	<0.0010	<0.0030	Duplicate B sample collected
MW-EE (Duplicate)	6/11/2020	0.0267	<0.0010	<0.0010	<0.0030	
MW-LL	6/11/2020	0.0476	<0.0010	0.00825	0.000255 J	Duplicate C sample collected
MW-LL (Duplicate)	6/11/2020	0.033	<0.0010	0.0051	<0.00300	
MW-MM	6/11/2020	0.00362	<0.0010	<0.0010	<0.0030	
NMG-MW-5	6/11/2020	0.0138	<0.0010	0.00732	0.00486	
NMG-MW-10	6/11/2020	0.000451 J	<0.0010	<0.0010	<0.0030	
Trip Blank	6/11/2020	NA	NA	NA	NA	

Notes:

Bold red values indicate an exceedance of the associated NMWQCC standard (Effective 7/1/2020) or, for chlorides, the secondary maximum contaminant level (SMCL) which has been established as a guideline in the National Secondary Drinking Water Regulations.

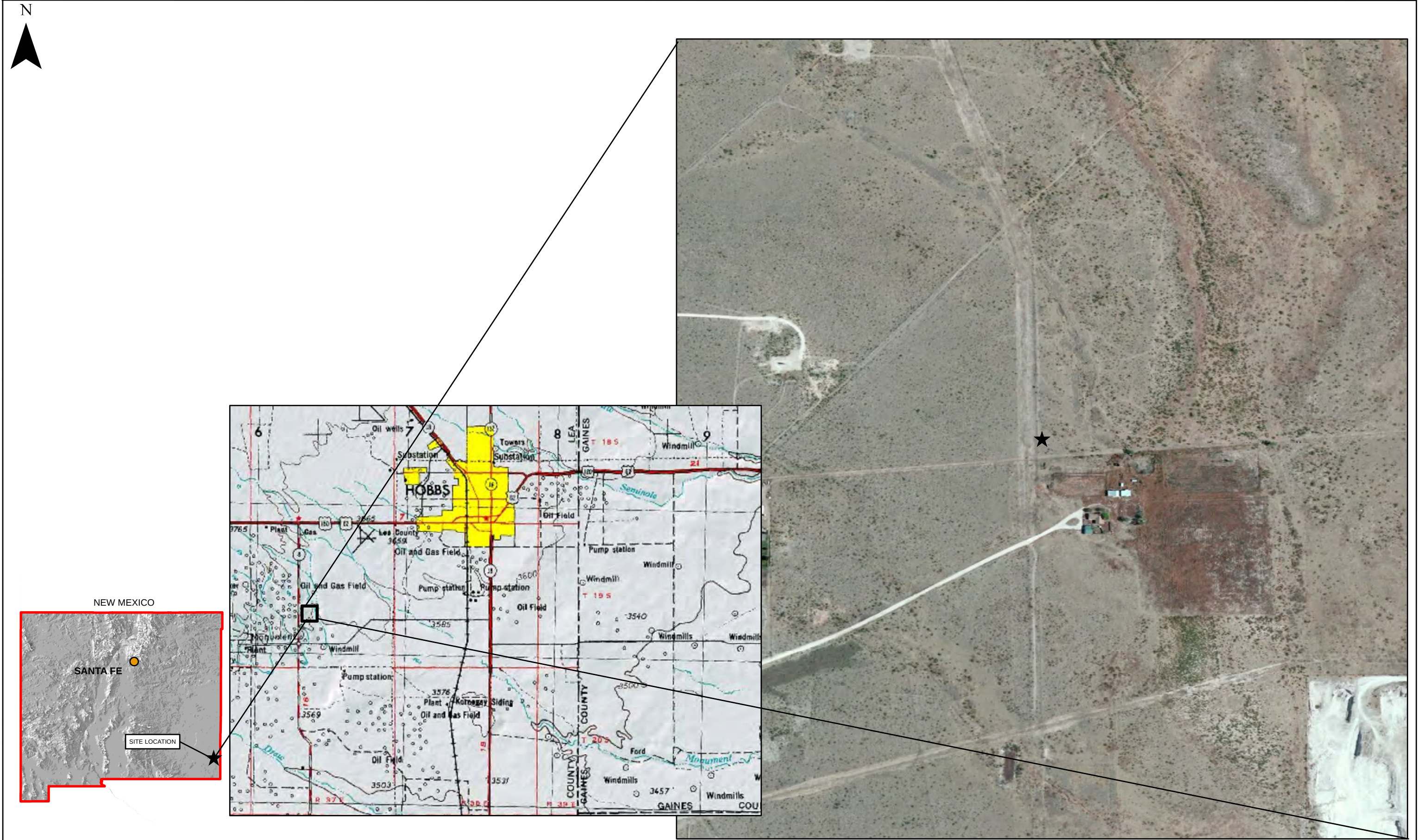
NMWQCC = New Mexico Water Quality Control Commission

LNAPL = light non-aqueous phase liquid

J = A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).

mg/L = milligrams per liter

Figures



DATE:	April 2015
DESIGNED BY:	T. Johansen
DRAWN BY:	D. Arnold

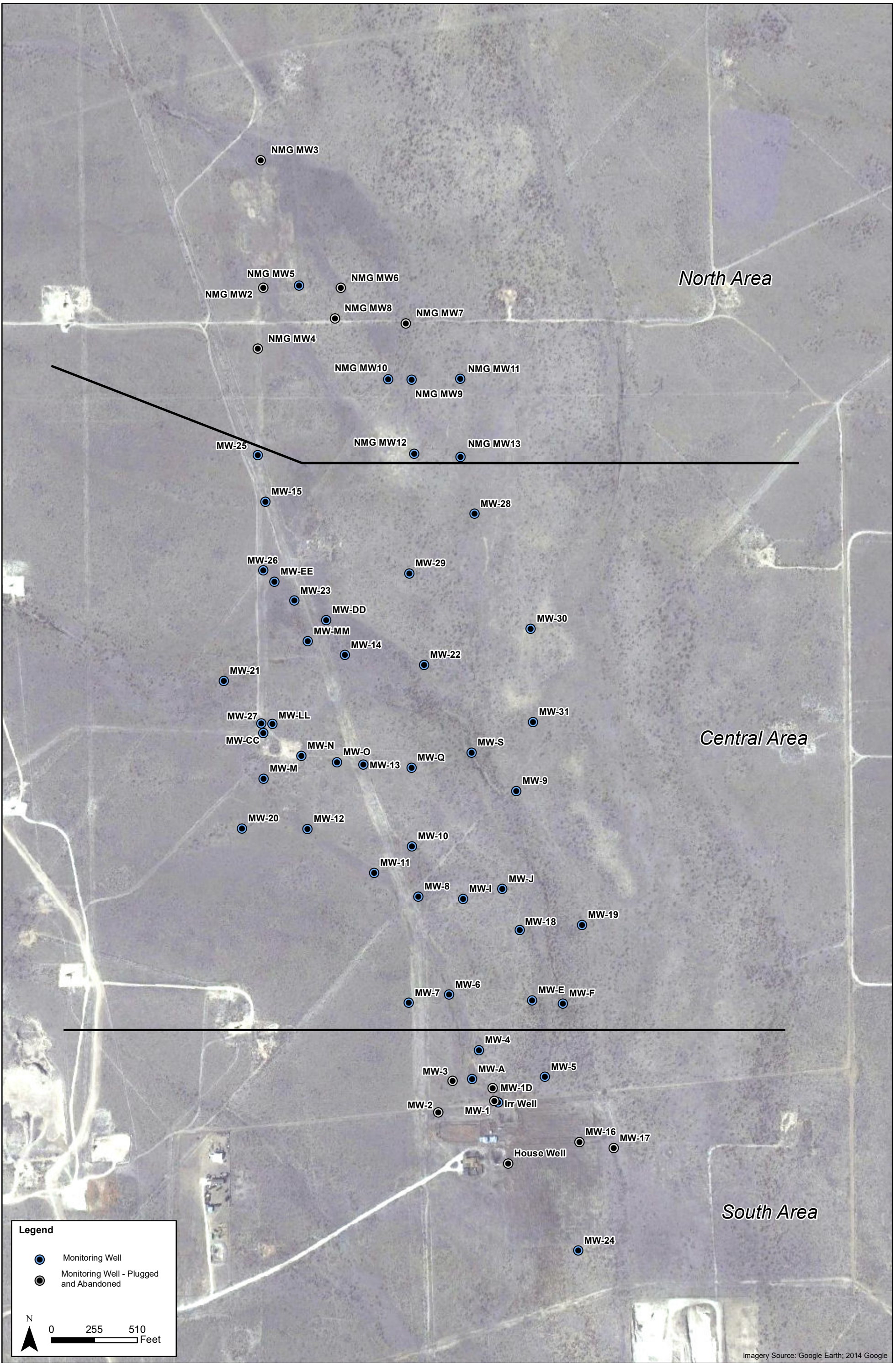


Tasman Geosciences, Inc.
6899 Pecos Street - Unit C
Denver, CO 80221

**DCP Midstream
Eldridge Ranch**
Unit P, Section 21, Township 19 South, Range 37 East
Lea County, New Mexico

Site Location
Map

Figure
1



DATE:	January 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



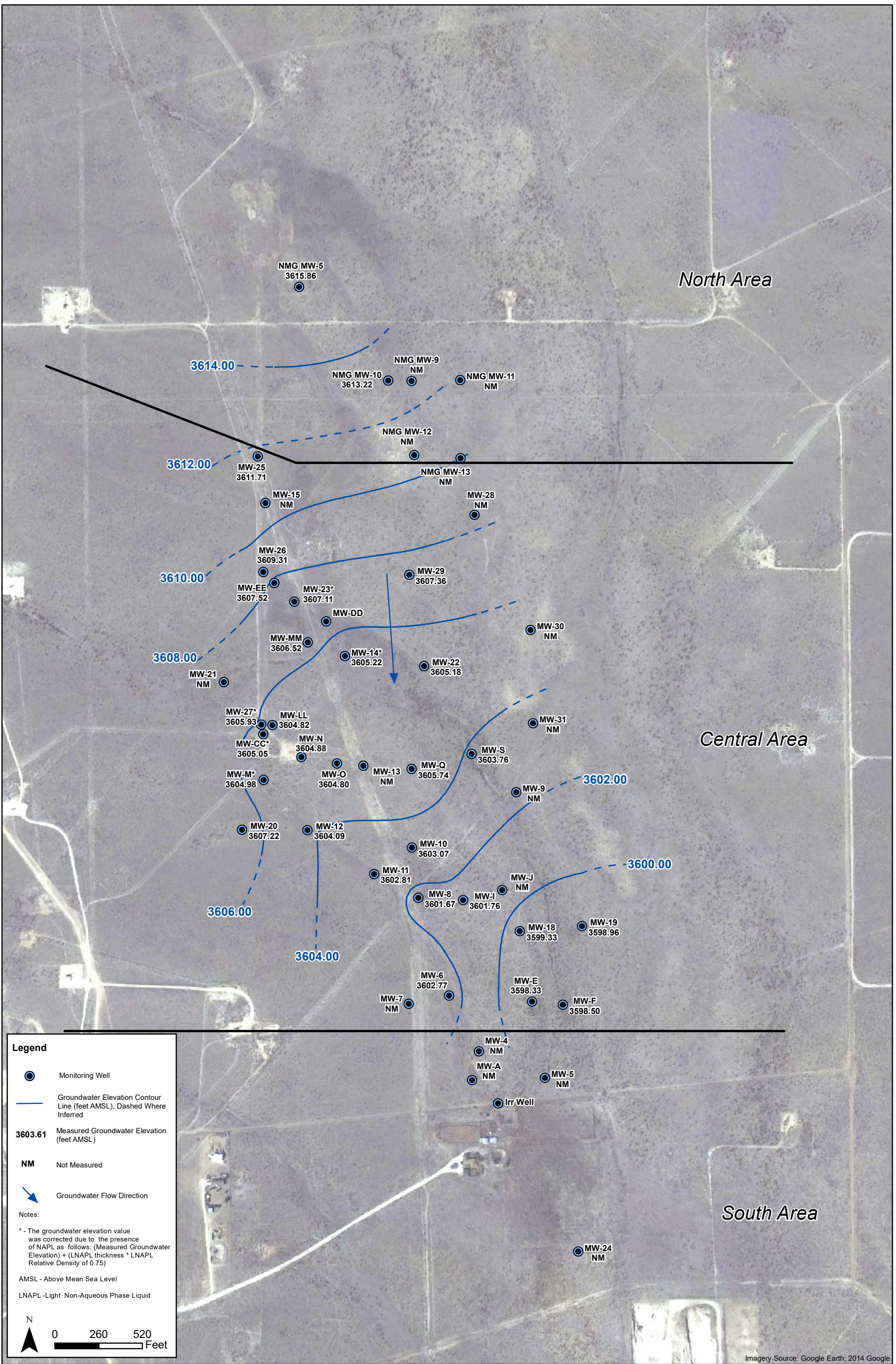
TASMAN
GEOSCIENCES

Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
Eldridge Pipeline Release
2020 Annual Groundwater
Monitoring Summary Report

Site Map with
Monitoring Well
Locations

Figure
2



DATE:	January 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



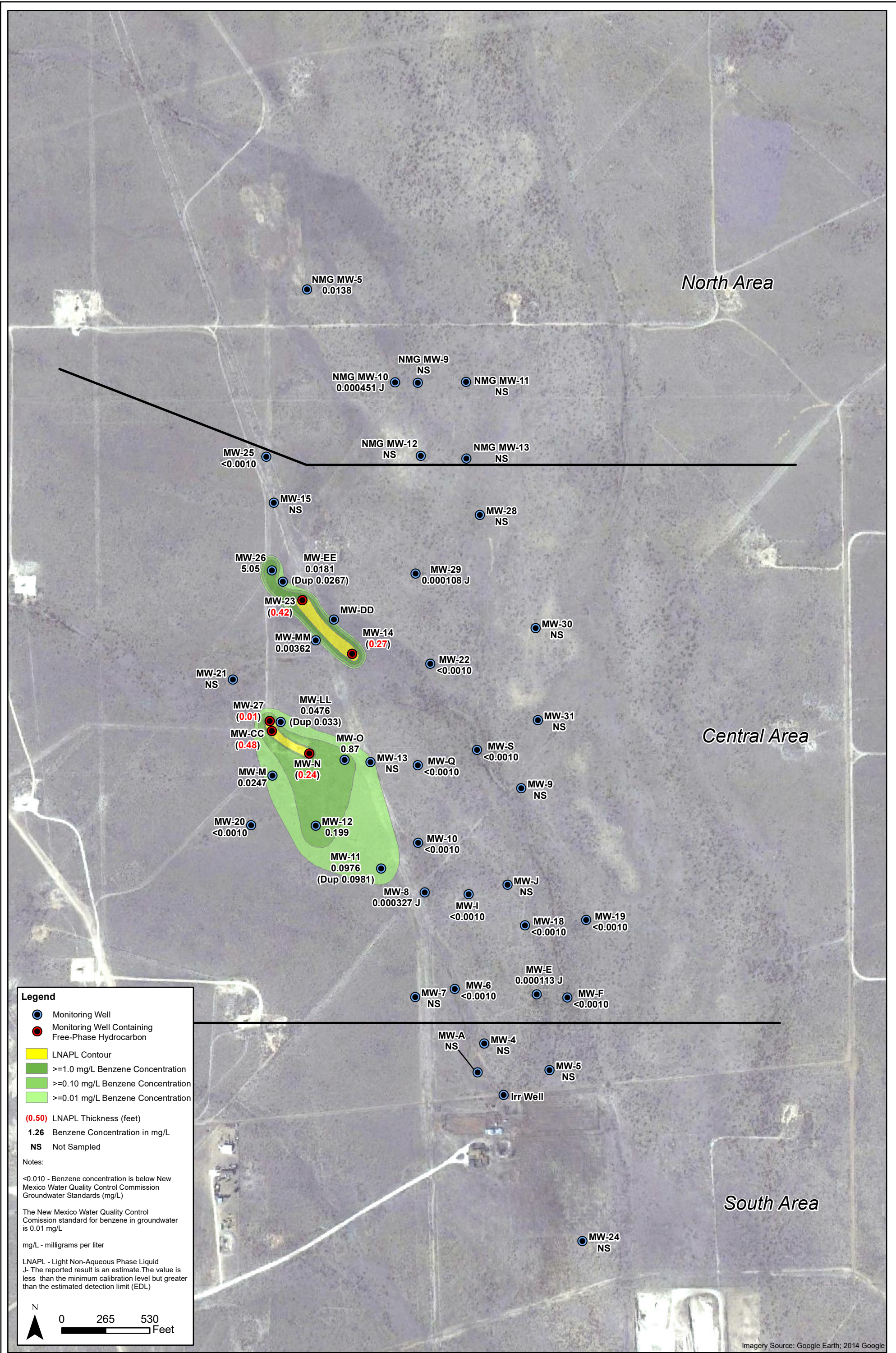
TASMAN
GEOSCIENCES

Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
Eldridge Pipeline Release
2020 Annual Groundwater
Monitoring Summary Report

Groundwater Elevation
Contour Map
(June 10, 2020)

Figure
3



Imagery Source: Google Earth; 2014 Google

DATE:	January 2021
DESIGNED BY:	B. Humphrey
DRAWN BY:	J. Clonts



TASMAN
GEOSCIENCES

Tasman Geosciences, Inc.
6855 W. 119th Ave
Broomfield, CO 80020

DCP Midstream
Eldridge Pipeline Release
2020 Annual Groundwater
Monitoring Summary Report

Benzene
Isoconcentration
Contour Map
(June 10 - 11, 2020)

Figure
4

Appendix A
Historical Analytical Results

**APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-1	9/14/2011	0.0031	<0.002	0.0194	0.0075	
MW-1	3/6/2012	0.0027	<0.002	<0.002	<0.004	
MW-1	9/7/2012	0.0023	<0.002	0.0156	<0.003	
MW-1	2/21/2013	0.0021	<0.002	0.0153	<0.003	
MW-1	9/13/2013	0.0019	<0.002	0.0126	<0.003	
MW-1	2/27/2014	0.0015	<0.002	0.0111	<0.003	
MW-1	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-1	2/26/2015	<0.005	<0.005	0.011	<0.015	
MW-1	9/2/2015	<0.005	<0.005	0.011	<0.015	
MW-1	3/23/2016	<0.0050	<0.0050	0.0075	<0.015	
MW-1	9/27/2016	<0.0010	<0.0010	0.01	0.0033	
MW-1	3/8/2017	0.0011	<0.0010	0.0076	<0.0010	
MW-1	9/27/2017	0.00103	<0.0010	0.00594	<0.0030	
MW-1	3/12/2018	Plugged and Abandoned				
MW-1D	9/14/2011	<0.001	<0.002	0.0005	<0.004	
MW-1D	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-1D	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-1D	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-1D	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-1D	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-1D	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-1D	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-1D	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-1D	3/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-1D	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-1D	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-1D	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-1D	3/12/2018	Plugged and Abandoned				
MW-2	9/24/2014	Well Not on Sampling Plan				
MW-2	3/12/2018	Plugged and Abandoned				
MW-3	9/7/2012	NS	NS	NS	NS	
MW-3	2/21/2013	NS	NS	NS	NS	
MW-3	2/27/2014	Well was gauged not sampled				
MW-3	9/24/2014	Well Not on Sampling Plan				
MW-3	3/12/2018	Plugged and Abandoned				

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-4	9/14/2011	0.0011	<0.004	0.0968	0.291	
MW-4	3/6/2012	0.00033	<0.002	0.0407	0.397	
MW-4	9/7/2012	0.00059	0.0012	0.078	0.29	
MW-4	2/21/2013	0.00049	<0.002	0.0802	0.244	
MW-4	9/13/2013	0.00041	<0.002	0.0695	0.22	
MW-4	2/27/2014	0.00046 J	<0.002	0.047	0.147	
MW-4	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-4	2/26/2015	<0.005	<0.005	0.053	0.14	
MW-4	9/2/2015	<0.005	<0.005	0.057	0.15	
MW-4	3/23/2016	<0.0050	<0.0050	0.036	0.091	
MW-4	9/27/2016	0.0062	0.0084	0.053	0.1	
MW-4	3/8/2017	<0.0050	<0.0050	<0.0050	0.075	
MW-4	9/27/2017	<0.0010	<0.0010	0.0229	0.0632	
MW-4	9/12/2018	Well Not on Sampling Plan				
MW-5	9/14/2011	0.00028	<0.002	0.0091	0.0314	
MW-5	3/6/2012	<0.001	<0.002	0.0095	0.0351	
MW-5	9/7/2012	0.00034	<0.002	0.0073	0.0253	
MW-5	2/21/2013	0.00045	<0.002	0.0068	0.0242	
MW-5	9/13/2013	<0.001	<0.002	0.0068	0.0267	
MW-5	2/27/2014	<0.001	<0.002	0.0052	0.0181	
MW-5	9/25/2014	<0.001	<0.001	<0.001	<0.001	
MW-5	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-5	9/2/2015	<0.001	<0.001	0.0017	0.006	
MW-5	3/23/2016	<0.0010	<0.0010	0.003	0.011	
MW-5	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-5	3/8/2017	<0.0010	<0.0010	<0.0010	0.002	
MW-5	9/27/2017	<0.0010	<0.0010	0.000572 J	0.0015 J	
MW-5	9/12/2018	Well Not on Sampling Plan				
MW-6	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-6	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-6	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-6	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-6	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-6	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-6	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-6	9/3/2015	<0.001	<0.001	<0.001	<0.003	
MW-6	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-6	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-6	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-7	9/7/2012	NS	NS	NS	NS	
MW-7	2/21/2013	NS	NS	NS	NS	
MW-7	2/27/2014	Well was gauged not sampled				
MW-7	9/24/2014	Well Not on Sampling Plan				

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-8	9/14/2011	0.0117	<0.004	0.0659	0.136	
MW-8	3/8/2012	0.0085	<0.002	0.0473	0.121	Duplicate C sample collected
MW-8	9/6/2012	0.0029	<0.002	0.131	0.344	Duplicate C sample collected
MW-8	2/20/2013	0.0024	<0.002	0.0375	0.0966	
MW-8	9/12/2013	0.0013	<0.002	0.0216	0.0642	
MW-8	2/27/2014	0.0014	<0.002	0.0323	0.0887	
MW-8 (duplicate)	9/25/2014	0.00084 J	<0.001	0.0216	0.0535	Duplicate C sample collected
MW-8	9/25/2014	0.00091 J	<0.001	0.0232	0.058	
MW-8	2/26/2015	<0.005	<0.005	0.023	0.054	
MW-8	9/3/2015	<0.005	<0.005	0.016	0.039	
MW-8	3/22/2016	<0.0050	<0.0050	0.014	<0.015	
MW-8	9/27/2016	0.0052	0.0058	0.012	<0.015	
MW-8	3/8/2017	<0.0010	<0.0010	0.0055	0.0098	
MW-8	9/27/2017	0.00224	0.00111	0.0101	0.0136	
MW-8	9/13/2018	0.00121	<0.0010	0.00481	0.00604	
MW-8	6/11/2019	0.000634 J	<0.0010	0.00198	0.00216 J	
MW-8	6/10/2020	0.000327 J	<0.0010	0.000243 J	0.000268 J	
MW-9	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-9	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-9	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-9	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-9	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-9	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-9		Removed in IH14				
MW-10	9/14/2011	0.0202	<0.002	0.0041	0.0044	
MW-10	3/8/2012	0.0078	<0.002	0.00086	<0.004	
MW-10	9/6/2012	0.0102	<0.002	0.0012	<0.003	
MW-10	2/20/2013	0.0044	<0.002	<0.002	<0.003	
MW-10	9/12/2013	0.0049	<0.002	<0.002	<0.003	
MW-10	2/27/2014	0.0046	<0.002	0.00026 J	<0.003	
MW-10	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-10	2/26/2015	<0.005	<0.005	<0.005	<0.015	
MW-10	9/2/2015	<0.005	<0.005	<0.005	<0.015	
MW-10	3/22/2016	<0.0050	<0.0050	<0.0050	<0.015	
MW-10	9/27/2016	<0.0010	<0.0010	<0.0010	<0.003	
MW-10	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-10	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-10	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-10	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-10	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	

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HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-11	9/14/2011	3.52	<0.20	0.37	0.403	
MW-11	3/8/2012	2.01	<0.20	0.17	<0.40	
MW-11	9/6/2012	1.85	<0.05	0.139	0.0774	
MW-11	2/20/2013	2.04	<0.05	0.102	<0.075	
MW-11	9/12/2013	2.41	<0.040	0.113	0.0635	
MW-11	2/27/2014	LNAPL	LNAPL	LNAPL	LNAPL	
MW-11	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-11	2/26/2015	0.84	<0.005	0.33	0.52	
MW-11	9/2/2015	0.67	<0.005	0.27	0.37	
MW-11	3/22/2016	0.78	<0.0050	0.16	0.23	
MW-11	9/27/2016	0.45	0.0013	<0.0010	0.18	
MW-11	3/8/2017	0.77	0.0018	0.14	0.16	
MW-11	9/27/2017	0.730	0.000862 J	0.203	0.251	Duplicate #3 sample collected
MW-11 (Duplicate)	9/27/2017	0.599	0.000805 J	0.217	0.226	
MW-11	9/13/2018	0.321	<0.0100	0.0865	0.0606	Duplicate A sample collected
MW-11 (Duplicate)	9/13/2018	0.329	0.000705 J	0.115	0.0844	
MW-11	6/11/2019	0.286	0.00479 J	0.0574	0.0288 J	Duplicate A sample collected
MW-11 (Duplicate)	6/11/2019	0.305	0.000457 J	0.0511	0.0233	
MW-11	6/10/2020	0.0976	0.000482 J	0.0312	0.0184	Duplicate A sample collected
MW-11 (Duplicate)	6/10/2020	0.0981	0.000692J	0.0321	0.0192	
MW-12	9/14/2011	9.51	<0.20	0.307	<0.40	
MW-12	3/8/2012	17	<0.20	0.71	<0.40	
MW-12	9/6/2012	7.12	<0.20	0.337	<0.30	
MW-12	2/20/2013	3.1	<0.10	0.187	<0.15	
MW-12	9/12/2013	3.29	<0.10	0.235	<0.15	Duplicate A sample collected
MW-12	2/27/2014	1.02	<0.10	0.126	<0.15	Duplicate C sample collected
MW-12 (duplicate)	2/27/2014	1.25	<0.002	0.18	0.0133	
MW-12	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-12	2/25/2015	3.5	<0.005	0.24	0.089	Duplicate C Sample Collected
MW-12 (Duplicate)	2/25/2015	3.4	<0.005	0.23	0.1	
MW-12	9/2/2015	3.8	<0.005	0.23	0.02	Duplicate B Sample Collected
MW-12 (Duplicate)	9/2/2015	5.7	<0.005	0.21	0.02	
MW-12	3/22/2016	3.9	<0.0050	0.2	<0.015	Duplicate B Sample Collected
MW-12 (Duplicate)	3/22/2016	4.1	<0.0050	0.21	<0.015	
MW-12	9/27/2016	3.9	<0.0010	0.17	0.013	Duplicate B Sample Collected
MW-12 (Duplicate)	9/27/2016	3.1	<0.0010	0.16	<0.030	
MW-12	3/8/2017	4.7	<0.0050	0.25	0.012	
MW-12	9/27/2017	5.81	<0.0010	0.206	0.00542	
MW-12	9/14/2018	3.54	<0.050	0.168	<0.150	
MW-12	6/11/2019	2.51	<0.050	0.289	<0.150	
MW-12	6/10/2020	0.199	<0.0010	0.119	0.000692 J	
MW-13	9/24/2014	Well Not on Sampling Plan				

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HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-14	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-14	3/8/2012	<0.001	<0.002	<0.002	<0.004	
MW-14	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-14	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-14	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-14	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-14	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-14	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-14	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-14	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-14	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-14	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-14	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-14	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-14	6/10/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-14	6/11/2020	3.65	18.9	3.71	10.8	
MW-15	9/24/2014	Well Not on Sampling Plan				
MW-16	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-16	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-16	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-16	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-16	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-16		Removed in 2H13				
MW-16	3/12/2018	Plugged and Abandoned				
MW-17	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-17	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-17	9/7/2012	NS	NS	NS	NS	
MW-17	2/22/2013	<0.001	<0.002	<0.002	<0.003	
MW-17	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-17	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-17	9/25/2014	<0.001	<0.001	<0.001	<0.001	
MW-17	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-17	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-17	3/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-17	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-17	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-17	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-17	3/12/2018	Plugged and Abandoned				

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-18	9/14/2011	0.0019	<0.002	0.0053	0.0073	
MW-18	3/8/2012	0.00038	<0.002	0.0012	<0.004	
MW-18	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-18	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-18	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-18	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-18	9/25/2014	<0.001	<0.001	<0.001	<0.001	
MW-18	2/26/2015	<0.001	<0.001	0.0019	<0.003	
MW-18	9/3/2015	<0.001	<0.001	<0.001	0.0031	
MW-18	3/22/2016	<0.0010	<0.0010	0.0029	0.0042	
MW-18	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-18	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-18	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-18	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-18	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-18	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-19	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-19	9/7/2012	0.00032	<0.002	<0.002	<0.003	
MW-19	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-19	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-19	9/25/2014	<0.001	<0.001	<0.001	<0.001	
MW-19	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	9/3/2015	<0.001	<0.001	<0.001	<0.003	
MW-19	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-19	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-19	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-20	3/8/2012	NS	NS	NS	NS	
MW-20	9/7/2012	NS	NS	NS	NS	
MW-20	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-20	9/13/2013	NS	NS	NS	NS	
MW-20	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-20	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-20	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	9/3/2015	<0.001	<0.001	<0.001	<0.003	
MW-20	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-20	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-20	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-21	2/27/2014	0.00059 J	<0.002	0.00072 J	<0.003	
MW-21	9/24/2014	Well Not on Sampling Plan				

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-22	9/14/2011	NS	NS	NS	NS	
MW-22	3/8/2012	NS	NS	NS	NS	
MW-22	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-22	2/19/2013	NS	NS	NS	NS	
MW-22	9/13/2013	NS	NS	NS	NS	
MW-22	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-22	9/24/2014	<0.001	<0.001	<0.001	<0.001	
MW-22	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-22	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-22	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-22	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	6/12/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-22	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-23	9/14/2011	0.0588	<0.004	0.121	<0.008	Duplicate B sample collected
MW-23	3/8/2012	0.0505	<0.002	0.127	0.0034	
MW-23	9/6/2012	0.029	<0.002	0.094	0.0032	
MW-23	2/19/2013	0.0509	<0.002	0.0698	0.0024	
MW-23	9/12/2013	0.0418	<0.002	0.0392	<0.003	
MW-23	2/26/2014	0.0382	<0.002	0.0208	<0.003	
MW-23	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-23	2/25/2015	0.0061	<0.005	<0.005	<0.015	Duplicate B Sample Collected
MW-23 (Duplicate)	2/25/2015	<0.005	<0.005	<0.005	<0.015	
MW-23	9/2/2015	<0.005	<0.005	<0.005	<0.015	Duplicate C Sample Collected
MW-23 (Duplicate)	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-23	3/22/2016	<0.0050	<0.0050	<0.0050	<0.015	Duplicate C Sample Collected
MW-23 (Duplicate)	3/22/2016	3.9	<0.0050	0.21	<0.015	
MW-23	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	Duplicate C Sample Collected
MW-23 (Duplicate)	9/27/2016	<0.0050	<0.0050	0.011	<0.015	
MW-23	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-23	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-23	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-23	6/10/2019	LNAPL				
MW-23	6/11/2020	54.4	606	127	436	
MW-24	9/14/2011	0.00051	<0.002	<0.002	<0.004	
MW-24	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-24	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-24	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-24	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-24	9/25/2014	<0.001	<0.001	<0.001	<0.001	
MW-24	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-24	3/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-24	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-24	9/13/2018	Well Not on Sampling Plan				

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-25	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-25	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-25	9/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-25	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-25	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-25	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-25	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-25	3/22/2016	0.0019	0.0081	0.0011	0.0082	
MW-25	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-25	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-25	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-26	9/14/2011	NS	NS	NS	NS	
MW-26	3/8/2012	NS	NS	NS	NS	
MW-26	9/7/2012	NS	NS	NS	NS	
MW-26	2/19/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	9/12/2013	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	2/26/2014	LNAPL	LNAPL	LNAPL	LNAPL	
MW-26	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-26	2/25/2015	16	29	0.75	2.4	
MW-26	9/2/2015	12	15	0.47	1.5	
MW-26	3/22/2016	1.4	1.4	0.11	0.39	
MW-26	9/27/2016	3.5	15	0.51	2.9	
MW-26	3/8/2017	6	10	0.41	1.7	Duplicate #1 sample collected
MW-26 (Duplicate)	3/8/2017	7.9	12	0.4	1.7	
MW-26	9/27/2017	6.99	21.7	0.625	2.98	
MW-26	9/14/2018	0.359	0.148	0.0175	0.0347	
MW-26	6/12/2019	1.84	0.914	0.0681	0.175	
MW-26	6/11/2020	5.05	1.87	0.146	0.334	
MW-27	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-27	2/25/2015	LNAPL				
MW-27	9/2/2015	LNAPL				
MW-27	3/22/2016	LNAPL				
MW-27	9/27/2016	LNAPL				
MW-27	3/8/2017	LNAPL				
MW-27	9/27/2017	LNAPL				
MW-27	9/13/2017	LNAPL				
MW-27	6/10/2019	LNAPL				
MW-27	6/11/2020	0.554	0.624	0.424	1.07	
MW-28	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-28	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-28	9/5/2012	<0.001	<0.002	<0.002	<0.003	
MW-28	2/19/2013	<0.001	<0.002	<0.002	<0.003	
MW-28	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-28	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-28	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-28		Removed 1H15				

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NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-29	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-29	3/7/2012	0.00028	<0.002	<0.002	<0.004	
MW-29	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-29	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-29	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-29	2/26/2014	<0.001	<0.002	<0.002	<0.003	
MW-29	9/24/2014	<0.001	<0.001	<0.001	<0.001	
MW-29	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-29	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-29	3/22/2016	<0.0010	0.0028	<0.0010	<0.0030	
MW-29	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-29	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-29	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-29	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-29	6/12/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-29	6/11/2020	0.000108 J	<0.0010	<0.0010	<0.0030	
MW-30	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-30	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-30	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-30	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-30	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-30	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-30	Removed in 1H14					
MW-31	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-31	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-31	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-31	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-31	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-31	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-31	Removed in 1H14					
House Well	9/14/2011	0.0088	<0.002	0.00074	<0.004	Duplicate C sample collected
House Well	3/6/2012	0.00044	<0.002	<0.002	<0.004	
House Well	9/6/2012	<0.001	<0.002	<0.002	<0.003	
House Well	2/21/2013	<0.001	<0.002	<0.002	<0.003	
House Well	9/12/2013	0.00027	<0.002	<0.002	<0.003	
House Well	2/27/2014	<0.001	<0.002	<0.002	<0.003	
House Well	9/24/2014	Well Not Sampled due to Inclement Weather				
House Well	2/26/2015	<0.001	<0.001	<0.001	<0.003	
House Well	9/3/2015	<0.001	<0.001	<0.001	<0.003	
House Well	3/23/2016	<0.0010	<0.0010	<0.0010	<0.0030	
House Well	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
House Well	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
House Well	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
House Well	3/12/2018	Plugged and Abandoned				

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
Irrigation Well	9/14/2011	0.0049	<0.002	0.0167	0.0236	
Irrigation Well	3/6/2012	0.0017	<0.002	0.0108	0.0158	Duplicate A sample collected
Irrigation Well	9/6/2012	0.0048	<0.002	0.015	0.0114	Duplicate A sample collected
Irrigation Well	2/21/2013	0.0027	<0.002	0.0117	0.0116	
Irrigation Well	9/12/2013	0.0027	<0.002	0.0057	<0.003	Duplicate C sample collected
Irrigation Well	2/27/2014	0.0033	<0.002	0.0149	0.0029 J	
Irrigation Well	9/25/2014	0.0025	<0.001	0.0077	0.0014	Duplicate B Sample Collected
Irrigation Well (Duplicate)	9/25/2014	0.0014	<0.001	0.0031	0.00097 J	
Irrigation Well	2/26/2015	<0.001	<0.001	<0.001	<0.003	
Irrigation Well	9/2/2015	0.0022	<0.001	0.0089	0.0036	
Irrigation Well	3/23/2016	NS	NS	NS	NS	
Irrigation Well	9/27/2016	<0.005	<0.005	<0.005	<0.015	
Irrigation Well	3/8/2017	<0.0010	<0.0010	0.0021	0.0026	
Irrigation Well	9/27/2017	0.000482 J	<0.0010	0.00241	0.00227 J	
Irrigation Well	9/13/2018	Well Not on Sampling Plan				
MW-A	9/14/2011	0.001	<0.002	0.0753	0.217	
MW-A	3/6/2012	0.00073	<0.002	0.081	0.222	
MW-A	9/7/2012	0.00087	<0.002	0.076	0.206	
MW-A	2/21/2013	0.00077	<0.002	0.0713	0.189	Duplicate A sample collected
MW-A	9/13/2013	<0.0010	<0.002	0.0732	0.179	
MW-A	2/27/2014	0.00029 J	<0.002	0.0636	0.151	
MW-A	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-A	2/26/2015	<0.001	<0.001	0.05	0.13	
MW-A	9/2/2015	<0.001	<0.001	0.042	0.1	
MW-A	3/23/2016	<0.0010	<0.0010	0.044	0.097	
MW-A	9/27/2017	<0.0050	<0.0050	0.035	0.075	
MW-A	3/8/2017	<0.0010	<0.0010	<0.0010	0.0063	
MW-A	9/27/2017	<0.0010	<0.0010	0.0299	0.0536	
MW-A	9/13/2018	Well Not on Sampling Plan				
MW-E	9/14/2011	0.0043	<0.002	0.00097	<0.004	
MW-E	3/7/2012	0.0025	<0.002	<0.002	<0.004	
MW-E	9/7/2012	0.0018	<0.002	<0.002	<0.003	
MW-E	2/21/2013	0.0027	<0.002	<0.002	<0.003	
MW-E	9/13/2013	0.0015	<0.002	<0.002	<0.003	
MW-E	2/27/2014	0.0016	<0.002	<0.002	<0.003	
MW-E	9/25/2014	0.0067	<0.001	0.0027	0.0151	
MW-E	2/26/2015	0.0038	<0.001	<0.001	<0.003	
MW-E	9/3/2015	0.0084	<0.001	<0.001	<0.003	
MW-E	3/22/2016	0.0012	<0.0010	<0.0010	<0.0030	
MW-E	9/27/2017	0.0088	<0.0010	<0.0010	<0.0030	
MW-E	3/8/2017	0.0016	<0.0010	<0.0010	<0.0010	
MW-E	9/27/2017	0.00197	<0.0010	<0.0010	<0.0030	
MW-E	9/13/2018	0.000890 J	<0.0010	<0.0010	<0.0030	
MW-E	6/11/2019	0.000515 J	<0.0010	<0.0010	<0.0030	
MW-E	6/10/2020	0.000113 J	<0.0010	<0.0010	<0.0030	

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-F	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-F	3/7/2012	<0.001	<0.002	<0.002	<0.004	
MW-F	9/7/2012	<0.001	<0.002	<0.002	<0.003	
MW-F	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-F	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-F	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-F	9/25/2014	<0.001	<0.001	<0.001	<0.001	
MW-F	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-F	9/3/2015	<0.001	<0.001	<0.001	<0.003	
MW-F	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-F	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-F	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-F	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-F	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-F	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-F	6/10/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	9/14/2011	0.00082	<0.002	<0.002	<0.004	
MW-I	3/6/2012	0.00068	<0.002	<0.002	<0.004	
MW-I	9/6/2012	0.00043	<0.002	<0.002	<0.003	
MW-I	2/21/2013	0.00035	<0.002	<0.002	<0.003	
MW-I	9/13/2013	0.00028	<0.002	<0.002	<0.003	
MW-I	2/27/2014	0.00033 J	<0.002	<0.002	<0.003	
MW-I	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-I	2/26/2015	<0.001	<0.001	<0.001	<0.003	
MW-I	9/3/2015	<0.001	<0.001	<0.001	<0.003	
MW-I	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-I	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	6/11/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-I	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-J	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-J	3/6/2012	<0.001	<0.002	<0.002	<0.004	
MW-J	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-J	2/21/2013	<0.001	<0.002	<0.002	<0.003	
MW-J	9/13/2013	<0.001	<0.002	<0.002	<0.003	
MW-J	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-J	Removed in 2H13					

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-M	9/14/2011	8.53	<0.20	0.347	0.214	
MW-M	3/8/2012	3.72	<0.20	0.296	<0.40	
MW-M	9/6/2012	1.27	<0.10	0.188	0.107	
MW-M	2/20/2013	0.647	<0.02	0.192	0.087	
MW-M	9/12/2013	0.313	<0.01	0.184	0.0417	
MW-M	2/27/2014	0.205	<0.01	0.171	0.0271	
MW-M	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-M	2/25/2015	7.5	2.2	0.37	0.8	
MW-M	9/2/2015	6.6	0.13	0.4	0.24	
MW-M	3/22/2016	5.3	0.012	0.45	0.084	
MW-M	9/27/2016	2.8	<0.010	0.39	<0.03	
MW-M	3/8/2017	3	0.031	0.4	0.027	
MW-M	9/27/2017	2.48	0.000593 J	0.438	0.0143	
MW-M	9/14/2018	1.08	<0.050	0.293	<0.150	
MW-M	6/11/2019	0.176	<0.050	0.236	<0.150	
MW-M	6/11/2020	0.0247	<0.00100	0.106	<0.0030	
MW-N	9/14/2011	15	0.982	0.315	0.38	
MW-N	3/8/2012	15.4	2.21	0.417	0.414	
MW-N	9/6/2012	13.7	3.47	0.603	2	
MW-N	2/20/2013	14.9	0.173	0.282	0.0714	Duplicate B sample collected
MW-N	9/12/2013	LNAPL				
MW-N	2/27/2014	LNAPL				
MW-N	9/24/2014	15.4	4.18	0.637	1.5	
MW-N	2/25/2015	LNAPL				
MW-N	9/2/2015	4.6	0.81	0.49	0.94	
MW-N	3/22/2016	5.5	0.95	0.46	0.78	
MW-N	9/27/2017	LNAPL				
MW-N	3/8/2017	LNAPL				
MW-N	9/27/2017	LNAPL				
MW-N	9/13/2018	LNAPL				
MW-N	6/12/2019	5.21	<0.100	0.442	1.06	
MW-N	6/11/2020	4.74	0.0809	0.602	1.41	
MW-O	9/14/2011	6.93	0.0022	0.244	<0.004	
MW-O	3/8/2012	7.61	<0.20	0.195	<0.40	
MW-O	9/6/2012	8.04	<0.10	0.185	<0.15	
MW-O	2/20/2013	10.5	<0.10	0.131	<0.15	
MW-O	9/12/2013	8.27	<0.20	0.121	<0.30	
MW-O	2/27/2014	8.72	<0.10	0.0685 J	<0.15	Duplicate B sample collected
MW-O (duplicate)	2/27/2014	8.86	<0.01	0.0861	<0.015	
MW-O	9/24/2014	5.41	<0.05	0.0514	<0.05	
MW-O	2/25/2015	2.5	<0.005	0.14	0.018	
MW-O	9/2/2015	3	<0.005	0.15	<0.015	
MW-O	3/22/2016	2.4	<0.0050	0.17	<0.015	
MW-O	9/27/2017	2.4	<0.0050	0.088	<0.015	
MW-O	3/8/2017	1.9	<0.0050	0.064	<0.0050	Duplicate #2 sample collected
MW-O (Duplicate)	3/8/2017	1.6	<0.0100	0.099	<0.010	
MW-O	9/27/2017	1.50	<0.0500	0.0724	0.00152	
MW-O	9/14/2018	1.26	<0.050	<0.050	<0.150	
MW-O	6/12/2019	1.41	<0.050	0.0263 J	<0.150	
MW-O	6/11/2020	0.87	<0.0010	0.00172	0.00276 J	

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-Q	9/14/2011	0.896	<0.002	0.0108	<0.004	
MW-Q	3/8/2012	0.814	<0.02	<0.02	<0.04	
MW-Q	9/6/2012	0.738	<0.002	0.0062	<0.003	
MW-Q	2/20/2013	0.75	<0.01	0.0017	<0.015	
MW-Q	9/12/2013	0.53	<0.01	0.0015	<0.015	
MW-Q	2/27/2014	0.0707	<0.002	0.00097 J	<0.003	
MW-Q	9/24/2014	<0.001	<0.001	<0.001	<0.001	
MW-Q	2/25/2015	0.0024	<0.001	<0.001	<0.003	
MW-Q	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-Q	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-Q	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-Q	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-Q	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-Q	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-Q	6/12/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-Q	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	9/14/2011	<0.001	<0.002	<0.002	<0.004	
MW-S	3/8/2012	<0.001	<0.002	<0.002	<0.004	
MW-S	9/6/2012	<0.001	<0.002	<0.002	<0.003	
MW-S	2/20/2013	<0.001	<0.002	<0.002	<0.003	
MW-S	9/12/2013	<0.001	<0.002	<0.002	<0.003	
MW-S	2/27/2014	<0.001	<0.002	<0.002	<0.003	
MW-S	9/24/2014	<0.001	<0.001	<0.001	<0.001	
MW-S	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-S	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-S	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-S	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	6/12/2019	<0.0010	<0.0010	<0.0010	<0.0030	
MW-S	6/11/2020	<0.0010	<0.0010	<0.0010	<0.0030	
MW-CC	4/25/2011	LNAPL				
MW-CC	9/14/2011	LNAPL				
MW-CC	3/8/2012	LNAPL				
MW-CC	9/6/2012	LNAPL				
MW-CC	2/19/2013	LNAPL				
MW-CC	9/13/2013	LNAPL				
MW-CC	2/27/2014	LNAPL				
MW-CC	9/24/2014	LNAPL				
MW-CC	2/25/2015	LNAPL				
MW-CC	9/2/2015	LNAPL				
MW-CC	3/22/2016	LNAPL				
MW-CC	9/27/2016	LNAPL				
MW-CC	3/8/2017	LNAPL				
MW-CC	9/27/2017	LNAPL				
MW-CC	9/13/2018	LNAPL				
MW-CC	6/10/2019	LNAPL				
MW-CC	6/11/2020	1.13 J	2.85	0.741 J	2.05 J	

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Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-EE	9/14/2011	0.447	<0.002	0.0089	0.0041	Duplicate A sample collected
MW-EE	3/8/2012	0.0735	<0.002	0.0011	<0.004	
MW-EE	9/6/2012	0.0964	<0.002	0.0011	<0.003	
MW-EE	2/19/2013	0.424	<0.002	0.0024	0.0022	
MW-EE	9/12/2013	1.11	<0.01	0.0021	<0.015	
MW-EE	2/26/2014	1.21	<0.02	<0.02	<0.03	Duplicate A sample collected
MW-EE (duplicate)	2/26/2014	1.43	<0.05	<0.05	<0.075	
MW-EE	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-EE	2/25/2015	0.21	<0.005	<0.005	<0.015	
MW-EE	9/2/2015	0.12	<0.001	<0.001	<0.003	
MW-EE	3/22/2016	0.37	<0.0010	<0.0010	<0.0030	
MW-EE	9/27/2016	0.041	<0.0010	<0.0010	<0.0030	
MW-EE	3/8/2017	0.02	<0.0010	<0.0010	<0.0010	
MW-EE	9/27/2017	0.0148	<0.0010	<0.0010	<0.0030	Duplicate #1 sample collected
MW-EE (Duplicate)	9/27/2017	0.0122	<0.0010	<0.0010	<0.0030	
MW-EE	9/14/2018	0.0167	<0.0010	<0.0010	<0.0030	Duplicate C sample collected
MW-EE (Duplicate)	9/14/2018	0.0139	<0.0010	<0.0010	<0.0030	
MW-EE	6/11/2019	0.0318	0.00228	<0.0010	<0.0030	Duplicate B sample collected
MW-EE (Duplicate)	6/11/2019	0.0245	0.00224	<0.0010	<0.0030	
MW-EE	6/11/2020	0.0181	<0.0010	<0.0010	<0.0030	Duplicate B sample collected
MW-EE (Duplicate)	6/11/2020	0.0267	<0.0010	<0.0010	<0.0030	
MW-LL	9/14/2011	1.23	0.0066	0.0531	0.0202	
MW-LL	3/8/2012	1.42	<0.02	0.0642	<0.04	
MW-LL	9/6/2012	0.523	<0.002	0.0261	0.0024	
MW-LL	2/20/2013	0.778	<0.01	0.0482	<0.015	
MW-LL	9/12/2013	0.403	<0.01	0.0237	<0.015	
MW-LL	2/27/2014	0.491	<0.01	0.0214	<0.015	
MW-LL	9/24/2014	Well Not Sampled due to Inclement Weather				
MW-LL	2/25/2015	0.59	0.24	0.11	0.21	
MW-LL	9/2/2015	0.53	0.034	0.11	0.15	
MW-LL	3/22/2016	0.35	<0.0050	0.076	0.066	
MW-LL	9/27/2016	0.37	0.13	0.058	0.076	
MW-LL	3/8/2017	0.29	<0.0050	0.089	0.067	Duplicate #3 sample collected
MW-LL (Duplicate)	3/8/2017	0.3	0.002	0.086	0.066	
MW-LL	9/27/2017	0.235	0.0135	0.0892	0.932	Duplicate #2 sample collected
MW-LL (Duplicate)	9/27/2017	0.309	0.0158	0.0942	0.0986	
MW-LL	9/14/2018	0.232	<0.0050	0.0551	<0.0150	Duplicate B sample collected
MW-LL (Duplicate)	9/14/2018	0.172	0.000458 J	0.0597	0.00408	
MW-LL	6/11/2019	0.159	<0.0050	0.0421	<0.0150	Duplicate C sample collected
MW-LL (Duplicate)	6/11/2019	0.162	0.000563 J	0.0438	0.00206 J	
MW-LL	6/11/2020	0.0476	<0.0010	0.00825	0.000255 J	Duplicate C sample collected
MW-LL (Duplicate)	6/11/2020	0.033	<0.0010	0.0051	<0.00300	

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NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
MW-MM	9/14/2011	0.0082	<0.002	0.022	<0.004	
MW-MM	3/8/2012	0.0032	<0.002	0.0053	<0.004	
MW-MM	9/6/2012	0.002	<0.002	0.0041	<0.003	
MW-MM	2/19/2013	0.0015	<0.002	0.00083	<0.003	
MW-MM	9/12/2013	0.00088	<0.002	<0.002	<0.003	
MW-MM	2/26/2014	0.00051 J	<0.002	<0.002	<0.003	
MW-MM	9/24/2014	<0.001	<0.001	<0.001	<0.001	
MW-MM	2/25/2015	<0.001	<0.001	<0.001	<0.003	
MW-MM	9/2/2015	<0.001	<0.001	<0.001	<0.003	
MW-MM	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-MM	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
MW-MM	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
MW-MM	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
MW-MM	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
MW-MM	6/10/2019	0.0713	<0.0010	0.000511 J	<0.0030	
MW-MM	6/11/2020	0.00362	<0.0010	<0.0010	<0.0030	
NMG-MW-2	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-2	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-2	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-2	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-2	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-2	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-2	9/24/2014	<0.001	<0.001	<0.001	<0.001	
NMG-MW-2	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-2	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-2	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-2	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-2	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-2	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-2	3/9/2018	Plugged and Abandoned				
NMG-MW-3	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-3	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-3	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-3	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-3	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-3	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-3	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-3	9/24/2014	<0.001	<0.001	<0.001	<0.001	
NMG-MW-3	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-3	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-3	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-3	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-3	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-3	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-3	3/9/2018	Plugged and Abandoned				

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
NMG-MW-4	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-4	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-4	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-4	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-4	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-4	9/24/2014	<0.001	<0.001	<0.001	<0.001	
NMG-MW-4	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-4	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-4	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-4	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-4	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-4	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-4	3/9/2018	Plugged and Abandoned				
NMG-MW-5	9/14/2011	0.0375	<0.004	0.135	<0.008	
NMG-MW-5	3/7/2012	0.0039	<0.002	0.229	<0.004	
NMG-MW-5	9/5/2012	0.00083	<0.002	0.153	<0.003	
NMG-MW-5	2/19/2013	0.0012	<0.002	0.0608	<0.003	
NMG-MW-5	9/12/2013	0.0047	<0.002	0.0321	<0.003	
NMG-MW-5	2/26/2014	0.0206	<0.002	0.0034	<0.003	
NMG-MW-5	9/24/2014	0.0542	<0.001	0.00034 J	0.0016	
NMG-MW-5	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-5	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-5	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-5	9/27/2016	DRY				
NMG-MW-5	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-5	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-5	9/13/2018	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-5	6/10/2019	0.00234	<0.0010	<0.0010	0.00123 J	
NMG-MW-5	6/11/2020	0.0138	<0.0010	0.00732	0.00486	
NMG-MW-6	9/14/2011	0.0005	<0.002	0.0067	<0.004	
NMG-MW-6	3/7/2012	0.00062	<0.002	0.0011	<0.004	
NMG-MW-6	9/5/2012	0.00038	<0.002	0.00066	<0.003	
NMG-MW-6	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-6	9/12/2013	<0.001	<0.002	0.00034	<0.003	
NMG-MW-6	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-6	9/24/2014	<0.001	<0.001	<0.001	<0.001	
NMG-MW-6	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-6	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-6	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-6	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-6	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-6	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-6	3/9/2018	Plugged and Abandoned				

APPENDIX A
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BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
NMG-MW-7	9/14/2011	0.0273	<0.002	0.0154	0.013	
NMG-MW-7	3/7/2012	0.0261	<0.002	0.0144	0.0086	
NMG-MW-7	9/5/2012	0.0188	<0.002	0.0082	0.0043	
NMG-MW-7	2/20/2013	0.0116	<0.002	0.005	0.0032	
NMG-MW-7	9/12/2013	0.009	<0.002	0.0067	0.0023	
NMG-MW-7	2/26/2014	0.0059	<0.002	0.0055	<0.003	
NMG-MW-7	9/24/2014	0.0011	<0.001	0.00053 J	<0.001	
NMG-MW-7	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-7	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-7	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-7	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-7	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-7	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-7	3/9/2018	Plugged and Abandoned				
NMG-MW-8	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-8	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-8	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-8	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-8	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-8	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-8	9/24/2014	0.0013	<0.001	0.0194	0.052	
NMG-MW-8	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-8	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-8	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-8	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-8	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-8	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-8	3/9/2018	Plugged and Abandoned				
NMG-MW-9	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-9	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-9	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-9	2/19/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-9	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-9	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-9		Removed in 2H13				

APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTEX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
NMG-MW-10	9/14/2011	0.282	<0.010	0.105	0.155	
NMG-MW-10	3/7/2012	0.219	<0.002	0.085	0.0993	Duplicate B sample collected
NMG-MW-10	9/5/2012	0.192	<0.002	0.0836	0.0895	Duplicate B sample collected
NMG-MW-10	2/19/2013	0.187	<0.002	0.0805	0.0706	
NMG-MW-10	9/12/2013	0.179	<0.002	0.0809	0.0656	Duplicate B sample collected
NMG-MW-10	2/26/2014	0.145	<0.01	0.0582	0.0382	
NMG-MW-10	9/24/2014	0.0621	<0.001	0.0119	0.0229	Duplicate A Sample Collected
NMG-MW-10	9/24/2014	0.0593	<0.001	0.0114	0.0217	
NMG-MW-10	2/25/2015	0.0064	<0.001	<0.001	<0.003	Duplicate A Sample Collected
NMG-MW-10 (Duplicate)	2/25/2015	0.0052	<0.001	<0.001	<0.003	
NMG-MW-10	9/2/2015	0.018	<0.001	0.0034	0.0052	Duplicate A Sample Collected
NMG-MW-10 (Duplicate)	9/2/2015	0.016	<0.001	0.0029	0.0047	
NMG-MW-10	3/22/2016	0.012	<0.0010	0.0028	0.0055	Duplicate A Sample Collected
NMG-MW-10 (Duplicate)	3/22/2016	0.013	<0.0050	<0.0050	<0.015	
NMG-MW-10	9/27/2016	0.0071	<0.0010	<0.0010	<0.0030	Duplicate A Sample Collected
NMG-MW-10 (Duplicate)	9/27/2016	0.0075	<0.0050	<0.0050	<0.015	
NMG-MW-10	3/8/2017	0.0033	<0.0010	<0.0010	<0.0010	
NMG-MW-10	9/27/2017	0.00147	<0.0010	<0.0010	<0.0030	
NMG-MW-10	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-10	6/10/2019	0.000532 J	<0.0010	<0.0010	<0.0030	
NMG-MW-10	6/11/2020	0.000451 J	<0.0010	<0.0010	<0.0030	
NMG-MW-11	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-11	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-11	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-11	2/19/2013	<0.001	<0.002	<0.002	<0.003	Duplicate C sample collected
NMG-MW-11	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-11	2/26/2014	<0.001	<0.002	<0.002	<0.003	
NMG-MW-11	9/24/2014	<0.001	<0.001	<0.001	<0.001	
NMG-MW-11	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-11	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-11	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-11	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-11	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-11	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-11	9/13/2018	Well Not on Sampling Plan				
NMG-MW-12	9/14/2011	0.0013	<0.002	<0.002	<0.004	
NMG-MW-12	3/7/2012	0.0062	<0.002	<0.002	<0.004	
NMG-MW-12	9/5/2012	0.0012	<0.002	<0.002	<0.003	
NMG-MW-12	2/19/2013	0.0024	<0.002	<0.002	<0.003	
NMG-MW-12	9/12/2013	0.00087	<0.002	<0.002	<0.003	
NMG-MW-12	2/26/2014	0.00035 J	<0.002	<0.002	<0.003	
NMG-MW-12	9/24/2014	0.0017	<0.001	<0.001	<0.001	
NMG-MW-12	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-12	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-12	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-12	9/27/2016	Obstruction in well @ 17.97'				
NMG-MW-12	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-12	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-12	9/13/2018	Well Not on Sampling Plan				

**APPENDIX A
HISTORICAL ANALYTICAL RESULTS
BTX CONCENTRATIONS IN GROUNDWATER
ELDRIDGE PIPELINE RELEASE
LEA COUNTY, NEW MEXICO**

Location Identification	Sample Date	Benzene (mg/l)	Toluene (mg/l)	Ethylbenzene (mg/l)	Total Xylenes (mg/l)	Comments
NMWQCC Groundwater Standards (mg/L)		0.005	1.00	0.70	0.62	
NMG-MW-13	9/14/2011	<0.001	<0.002	<0.002	<0.004	
NMG-MW-13	3/7/2012	<0.001	<0.002	<0.002	<0.004	
NMG-MW-13	9/5/2012	<0.001	<0.002	<0.002	<0.003	
NMG-MW-13	2/20/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-13	9/12/2013	<0.001	<0.002	<0.002	<0.003	
NMG-MW-13	9/24/2014	<0.001	<0.001	<0.001	<0.001	
NMG-MW-13	2/25/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-13	9/2/2015	<0.001	<0.001	<0.001	<0.003	
NMG-MW-13	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-13	9/27/2016	Obstruction @ 16.35'				
NMG-MW-13	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
NMG-MW-13	9/27/2017	<0.0010	<0.0010	<0.0010	<0.0030	
NMG-MW-13	9/13/2018	Well Not on Sampling Plan				
Trip Blank	9/25/2014	<0.001	<0.001	<0.001	<0.001	
Trip Blank	9/2/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	2/25/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	9/2/2015	<0.001	<0.001	<0.001	<0.003	
Trip Blank	3/22/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	9/27/2016	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank	3/8/2017	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	9/27/2017	NA	NA	NA	NA	Trip Blank not submitted
Trip Blank 1	9/14/2018	<0.0010	<0.0010	<0.0010	<0.0030	
Trip Blank 2	9/14/2018	<0.0010	0.000505 J	<0.0010	<0.0030	
Trip Blank	6/12/2019	<0.0010	<0.0010	<0.0010	<0.0010	
Trip Blank	6/11/2020	NA	NA	NA	NA	

Notes:

Bold red values indicate an exceedance of the associated NMWQCC standard (Effective 7/1/2020) or, for chlorides, the secondary maximum contaminant level (SMCL) which has been established as a guideline in the National Secondary Drinking Water Regulations.

NMWQCC = New Mexico Water Quality Control Commission

LNAPL = Light Non-Aqueous Phase Liquid

J=A qualifier indicating an estimated value of a concentration above the laboratory's Method Detection Limit (MDL) but below the Reported Detection Limit (RDL).

NS = Not Sampled

NA=Not applicable

mg/L = milligrams per liter

Appendix B

Laboratory Analytical Report

- Pace Analytical Report #: L1229187



ANALYTICAL REPORT

June 23, 2020

DCP Midstream - Tasman

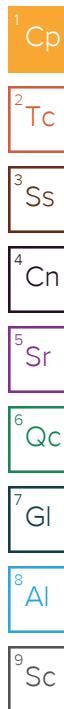
Sample Delivery Group: L1229187
Samples Received: 06/13/2020
Project Number:
Description: Eldridge Ranch

Report To: Kyle Norman
6899 Pecos St., Unit C
Denver, CO 80221

Entire Report Reviewed By:

Jason Romer
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.



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¹ Cp
² Tc
³ Ss
⁴ Cn
⁵ Sr
⁶ Qc
⁷ Gl
⁸ Al
⁹ Sc

AI: Accreditations & Locations
Sc: Sample Chain of Custody

46
47

¹Cp

²Tc

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

MW-6 L1229187-01 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 10:00	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494136	1	06/17/20 17:34	06/17/20 17:34	TJJ	Mt. Juliet, TN

1
Cp2
Tc3
Ss

MW-8 L1229187-02 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 13:03	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494136	1	06/17/20 17:53	06/17/20 17:53	TJJ	Mt. Juliet, TN

4
Cn5
Sr

MW-10 L1229187-03 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 13:34	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494136	1	06/17/20 18:13	06/17/20 18:13	TJJ	Mt. Juliet, TN

6
Qc7
Gl

MW-11 L1229187-04 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 13:18	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494136	1	06/17/20 18:33	06/17/20 18:33	TJJ	Mt. Juliet, TN

8
Al9
Sc

MW-12 L1229187-05 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 13:55	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494136	1	06/17/20 18:53	06/17/20 18:53	TJJ	Mt. Juliet, TN

MW-14 L1229187-06 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 11:32	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494136	2500	06/17/20 19:12	06/17/20 19:12	TJJ	Mt. Juliet, TN

MW-18 L1229187-07 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 12:07	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/17/20 21:10	06/17/20 21:10	TJJ	Mt. Juliet, TN

MW-19 L1229187-08 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 09:54	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/17/20 21:30	06/17/20 21:30	TJJ	Mt. Juliet, TN

MW-20 L1229187-09 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 14:15	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/17/20 21:50	06/17/20 21:50	TJJ	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

MW-22 L1229187-10 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 11:17	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/17/20 22:09	06/17/20 22:09	TJJ	Mt. Juliet, TN

4 Cn

5 Sr

MW-23 L1229187-11 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 12:49	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	5000	06/17/20 22:29	06/17/20 22:29	TJJ	Mt. Juliet, TN

6 Qc

7 Gl

MW-25 L1229187-12 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 13:16	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/17/20 22:49	06/17/20 22:49	TJJ	Mt. Juliet, TN

8 Al

9 Sc

MW-26 L1229187-13 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 12:10	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	10	06/17/20 23:08	06/17/20 23:08	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496009	100	06/20/20 08:41	06/20/20 08:41	JHH	Mt. Juliet, TN

MW-27 L1229187-14 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 09:00	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496009	5	06/20/20 09:02	06/20/20 09:02	JHH	Mt. Juliet, TN

MW-29 L1229187-15 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 12:56	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/17/20 23:48	06/17/20 23:48	TJJ	Mt. Juliet, TN

MW-E L1229187-16 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 10:55	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 00:08	06/18/20 00:08	TJJ	Mt. Juliet, TN

MW-F L1229187-17 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 11:21	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 00:27	06/18/20 00:27	TJJ	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

MW-I L1229187-18 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 10:13	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 00:47	06/18/20 00:47	TJJ	Mt. Juliet, TN

4 Cn

5 Sr

MW-M L1229187-19 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 08:35	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 01:07	06/18/20 01:07	TJJ	Mt. Juliet, TN

6 Qc

7 Gl

MW-N L1229187-20 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 09:15	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496009	25	06/20/20 09:22	06/20/20 09:22	JHH	Mt. Juliet, TN

8 Al

9 Sc

MW-O L1229187-21 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 10:51	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 01:46	06/18/20 01:46	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496009	20	06/20/20 09:43	06/20/20 09:43	JHH	Mt. Juliet, TN

MW-Q L1229187-22 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 10:39	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 02:06	06/18/20 02:06	TJJ	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1496009	1	06/20/20 10:03	06/20/20 10:03	JHH	Mt. Juliet, TN

MW-S L1229187-23 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 10:25	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 02:26	06/18/20 02:26	TJJ	Mt. Juliet, TN

MW-CC L1229187-24 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 08:46	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	2000	06/18/20 02:46	06/18/20 02:46	TJJ	Mt. Juliet, TN

MW-EE L1229187-25 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 12:25	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 03:05	06/18/20 03:05	TJJ	Mt. Juliet, TN

1 Cp

2 Tc

3 Ss

MW-LL L1229187-26 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 09:05	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494139	1	06/18/20 03:25	06/18/20 03:25	TJJ	Mt. Juliet, TN

4 Cn

5 Sr

MW-MM L1229187-27 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 11:55	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494248	1	06/17/20 14:26	06/17/20 14:26	TJJ	Mt. Juliet, TN

6 Qc

7 Gl

NMG MW-5 L1229187-28 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 13:41	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494248	1	06/17/20 14:46	06/17/20 14:46	TJJ	Mt. Juliet, TN

8 Al

9 Sc

NMG MW-10 L1229187-29 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 13:55	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494248	1	06/17/20 15:05	06/17/20 15:05	TJJ	Mt. Juliet, TN

DUPLICATE A L1229187-30 GW

				Collected by Brian Cooper	Collected date/time 06/10/20 00:00	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494248	1	06/17/20 15:24	06/17/20 15:24	TJJ	Mt. Juliet, TN

DUPLICATE B L1229187-31 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 00:00	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494248	1	06/17/20 15:44	06/17/20 15:44	TJJ	Mt. Juliet, TN

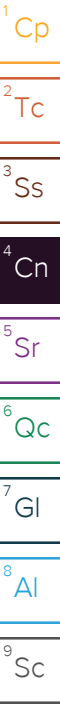
DUPLICATE C L1229187-32 GW

				Collected by Brian Cooper	Collected date/time 06/11/20 00:00	Received date/time 06/13/20 09:00
Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1494248	1	06/17/20 16:03	06/17/20 16:03	TJJ	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Jason Romer
Project Manager



Collected date/time: 06/10/20 10:00

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 17:34	WG1494136
Toluene	U		0.000278	0.00100	1	06/17/2020 17:34	WG1494136
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 17:34	WG1494136
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 17:34	WG1494136
(S) Toluene-d8	118			80.0-120		06/17/2020 17:34	WG1494136
(S) 4-Bromofluorobenzene	101			77.0-126		06/17/2020 17:34	WG1494136
(S) 1,2-Dichloroethane-d4	93.3			70.0-130		06/17/2020 17:34	WG1494136

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 13:03

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000327	J	0.0000941	0.00100	1	06/17/2020 17:53	WG1494136
Toluene	U		0.000278	0.00100	1	06/17/2020 17:53	WG1494136
Ethylbenzene	0.000243	J	0.000137	0.00100	1	06/17/2020 17:53	WG1494136
Total Xylenes	0.000268	J	0.000174	0.00300	1	06/17/2020 17:53	WG1494136
(S) Toluene-d8	117			80.0-120		06/17/2020 17:53	WG1494136
(S) 4-Bromofluorobenzene	101			77.0-126		06/17/2020 17:53	WG1494136
(S) 1,2-Dichloroethane-d4	91.9			70.0-130		06/17/2020 17:53	WG1494136

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 13:34

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 18:13	WG1494136
Toluene	U		0.000278	0.00100	1	06/17/2020 18:13	WG1494136
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 18:13	WG1494136
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 18:13	WG1494136
(S) Toluene-d8	117			80.0-120		06/17/2020 18:13	WG1494136
(S) 4-Bromofluorobenzene	101			77.0-126		06/17/2020 18:13	WG1494136
(S) 1,2-Dichloroethane-d4	91.9			70.0-130		06/17/2020 18:13	WG1494136

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 13:18

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0976		0.0000941	0.00100	1	06/17/2020 18:33	WG1494136
Toluene	0.000482	J	0.000278	0.00100	1	06/17/2020 18:33	WG1494136
Ethylbenzene	0.0312		0.000137	0.00100	1	06/17/2020 18:33	WG1494136
Total Xylenes	0.0184		0.000174	0.00300	1	06/17/2020 18:33	WG1494136
(S) Toluene-d8	116			80.0-120		06/17/2020 18:33	WG1494136
(S) 4-Bromofluorobenzene	96.8			77.0-126		06/17/2020 18:33	WG1494136
(S) 1,2-Dichloroethane-d4	93.2			70.0-130		06/17/2020 18:33	WG1494136

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 13:55

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.199		0.0000941	0.00100	1	06/17/2020 18:53	WG1494136
Toluene	U		0.000278	0.00100	1	06/17/2020 18:53	WG1494136
Ethylbenzene	0.119		0.000137	0.00100	1	06/17/2020 18:53	WG1494136
Total Xylenes	0.000692	J	0.000174	0.00300	1	06/17/2020 18:53	WG1494136
(S) Toluene-d8	106			80.0-120		06/17/2020 18:53	WG1494136
(S) 4-Bromofluorobenzene	89.8			77.0-126		06/17/2020 18:53	WG1494136
(S) 1,2-Dichloroethane-d4	89.8			70.0-130		06/17/2020 18:53	WG1494136

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 11:32

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	3.65		0.235	2.50	2500	06/17/2020 19:12	WG1494136
Toluene	18.9		0.695	2.50	2500	06/17/2020 19:12	WG1494136
Ethylbenzene	3.71		0.343	2.50	2500	06/17/2020 19:12	WG1494136
Total Xylenes	10.8		0.435	7.50	2500	06/17/2020 19:12	WG1494136
(S) Toluene-d8	118			80.0-120		06/17/2020 19:12	WG1494136
(S) 4-Bromofluorobenzene	105			77.0-126		06/17/2020 19:12	WG1494136
(S) 1,2-Dichloroethane-d4	91.1			70.0-130		06/17/2020 19:12	WG1494136

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 12:07

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 21:10	WG1494139
Toluene	U		0.000278	0.00100	1	06/17/2020 21:10	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 21:10	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 21:10	WG1494139
(S) Toluene-d8	120			80.0-120		06/17/2020 21:10	WG1494139
(S) 4-Bromofluorobenzene	98.5			77.0-126		06/17/2020 21:10	WG1494139
(S) 1,2-Dichloroethane-d4	92.5			70.0-130		06/17/2020 21:10	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 09:54

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 21:30	WG1494139
Toluene	U		0.000278	0.00100	1	06/17/2020 21:30	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 21:30	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 21:30	WG1494139
(S) Toluene-d8	114			80.0-120		06/17/2020 21:30	WG1494139
(S) 4-Bromofluorobenzene	97.3			77.0-126		06/17/2020 21:30	WG1494139
(S) 1,2-Dichloroethane-d4	94.3			70.0-130		06/17/2020 21:30	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 14:15

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 21:50	WG1494139
Toluene	U		0.000278	0.00100	1	06/17/2020 21:50	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 21:50	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 21:50	WG1494139
(S) Toluene-d8	116			80.0-120		06/17/2020 21:50	WG1494139
(S) 4-Bromofluorobenzene	104			77.0-126		06/17/2020 21:50	WG1494139
(S) 1,2-Dichloroethane-d4	96.2			70.0-130		06/17/2020 21:50	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 11:17

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 22:09	WG1494139
Toluene	U		0.000278	0.00100	1	06/17/2020 22:09	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 22:09	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 22:09	WG1494139
(S) Toluene-d8	113			80.0-120		06/17/2020 22:09	WG1494139
(S) 4-Bromofluorobenzene	99.6			77.0-126		06/17/2020 22:09	WG1494139
(S) 1,2-Dichloroethane-d4	95.6			70.0-130		06/17/2020 22:09	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 12:49

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	54.4		0.471	5.00	5000	06/17/2020 22:29	WG1494139
Toluene	606		1.39	5.00	5000	06/17/2020 22:29	WG1494139
Ethylbenzene	127		0.685	5.00	5000	06/17/2020 22:29	WG1494139
Total Xylenes	436		0.870	15.0	5000	06/17/2020 22:29	WG1494139
(S) Toluene-d8	113			80.0-120		06/17/2020 22:29	WG1494139
(S) 4-Bromofluorobenzene	106			77.0-126		06/17/2020 22:29	WG1494139
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		06/17/2020 22:29	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 13:16

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/17/2020 22:49	WG1494139
Toluene	U		0.000278	0.00100	1	06/17/2020 22:49	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 22:49	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 22:49	WG1494139
(S) Toluene-d8	113			80.0-120		06/17/2020 22:49	WG1494139
(S) 4-Bromofluorobenzene	102			77.0-126		06/17/2020 22:49	WG1494139
(S) 1,2-Dichloroethane-d4	93.8			70.0-130		06/17/2020 22:49	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 12:10

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	5.05		0.00941	0.100	100	06/20/2020 08:41	WG1496009
Toluene	1.87		0.0278	0.100	100	06/20/2020 08:41	WG1496009
Ethylbenzene	0.146		0.00137	0.0100	10	06/17/2020 23:08	WG1494139
Total Xylenes	0.334		0.0174	0.300	100	06/20/2020 08:41	WG1496009
(S) Toluene-d8	117			80.0-120		06/17/2020 23:08	WG1494139
(S) Toluene-d8	106			80.0-120		06/20/2020 08:41	WG1496009
(S) 4-Bromofluorobenzene	101			77.0-126		06/17/2020 23:08	WG1494139
(S) 4-Bromofluorobenzene	100			77.0-126		06/20/2020 08:41	WG1496009
(S) 1,2-Dichloroethane-d4	93.1			70.0-130		06/17/2020 23:08	WG1494139
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/20/2020 08:41	WG1496009

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 09:00

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.554		0.000471	0.00500	5	06/20/2020 09:02	WG1496009
Toluene	0.624		0.00139	0.00500	5	06/20/2020 09:02	WG1496009
Ethylbenzene	0.424		0.000685	0.00500	5	06/20/2020 09:02	WG1496009
Total Xylenes	1.07		0.000870	0.0150	5	06/20/2020 09:02	WG1496009
(S) Toluene-d8	108			80.0-120		06/20/2020 09:02	WG1496009
(S) 4-Bromofluorobenzene	98.4			77.0-126		06/20/2020 09:02	WG1496009
(S) 1,2-Dichloroethane-d4	99.2			70.0-130		06/20/2020 09:02	WG1496009

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 12:56

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000108	J	0.0000941	0.00100	1	06/17/2020 23:48	WG1494139
Toluene	U		0.000278	0.00100	1	06/17/2020 23:48	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 23:48	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 23:48	WG1494139
(S) Toluene-d8	113			80.0-120		06/17/2020 23:48	WG1494139
(S) 4-Bromofluorobenzene	98.1			77.0-126		06/17/2020 23:48	WG1494139
(S) 1,2-Dichloroethane-d4	94.3			70.0-130		06/17/2020 23:48	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 10:55

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000113	J	0.0000941	0.00100	1	06/18/2020 00:08	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 00:08	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/18/2020 00:08	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 00:08	WG1494139
(S) Toluene-d8	115			80.0-120		06/18/2020 00:08	WG1494139
(S) 4-Bromofluorobenzene	100			77.0-126		06/18/2020 00:08	WG1494139
(S) 1,2-Dichloroethane-d4	94.6			70.0-130		06/18/2020 00:08	WG1494139

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 06/10/20 11:21

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2020 00:27	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 00:27	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/18/2020 00:27	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 00:27	WG1494139
(S) Toluene-d8	114			80.0-120		06/18/2020 00:27	WG1494139
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2020 00:27	WG1494139
(S) 1,2-Dichloroethane-d4	94.3			70.0-130		06/18/2020 00:27	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 10:13

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2020 00:47	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 00:47	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/18/2020 00:47	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 00:47	WG1494139
(S) Toluene-d8	115			80.0-120		06/18/2020 00:47	WG1494139
(S) 4-Bromofluorobenzene	104			77.0-126		06/18/2020 00:47	WG1494139
(S) 1,2-Dichloroethane-d4	95.2			70.0-130		06/18/2020 00:47	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 08:35

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0247		0.0000941	0.00100	1	06/18/2020 01:07	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 01:07	WG1494139
Ethylbenzene	0.106		0.000137	0.00100	1	06/18/2020 01:07	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 01:07	WG1494139
(S) Toluene-d8	107			80.0-120		06/18/2020 01:07	WG1494139
(S) 4-Bromofluorobenzene	99.6			77.0-126		06/18/2020 01:07	WG1494139
(S) 1,2-Dichloroethane-d4	94.4			70.0-130		06/18/2020 01:07	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 09:15

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	4.74		0.00235	0.0250	25	06/20/2020 09:22	WG1496009
Toluene	0.0809		0.00695	0.0250	25	06/20/2020 09:22	WG1496009
Ethylbenzene	0.602		0.00343	0.0250	25	06/20/2020 09:22	WG1496009
Total Xylenes	1.41		0.00435	0.0750	25	06/20/2020 09:22	WG1496009
(S) Toluene-d8	109			80.0-120		06/20/2020 09:22	WG1496009
(S) 4-Bromofluorobenzene	99.9			77.0-126		06/20/2020 09:22	WG1496009
(S) 1,2-Dichloroethane-d4	98.9			70.0-130		06/20/2020 09:22	WG1496009

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 10:51

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.865		0.00188	0.0200	20	06/20/2020 09:43	WG1496009
Toluene	U		0.000278	0.00100	1	06/18/2020 01:46	WG1494139
Ethylbenzene	0.00172		0.000137	0.00100	1	06/18/2020 01:46	WG1494139
Total Xylenes	0.00276	J	0.000174	0.00300	1	06/18/2020 01:46	WG1494139
(S) Toluene-d8	113			80.0-120		06/18/2020 01:46	WG1494139
(S) Toluene-d8	106			80.0-120		06/20/2020 09:43	WG1496009
(S) 4-Bromofluorobenzene	105			77.0-126		06/18/2020 01:46	WG1494139
(S) 4-Bromofluorobenzene	100			77.0-126		06/20/2020 09:43	WG1496009
(S) 1,2-Dichloroethane-d4	91.7			70.0-130		06/18/2020 01:46	WG1494139
(S) 1,2-Dichloroethane-d4	102			70.0-130		06/20/2020 09:43	WG1496009

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 10:39

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/20/2020 10:03	WG1496009
Toluene	U		0.000278	0.00100	1	06/18/2020 02:06	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/18/2020 02:06	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 02:06	WG1494139
(S) Toluene-d8	115			80.0-120		06/18/2020 02:06	WG1494139
(S) Toluene-d8	105			80.0-120		06/20/2020 10:03	WG1496009
(S) 4-Bromofluorobenzene	106			77.0-126		06/18/2020 02:06	WG1494139
(S) 4-Bromofluorobenzene	98.3			77.0-126		06/20/2020 10:03	WG1496009
(S) 1,2-Dichloroethane-d4	95.4			70.0-130		06/18/2020 02:06	WG1494139
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/20/2020 10:03	WG1496009

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 10:25

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	U		0.0000941	0.00100	1	06/18/2020 02:26	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 02:26	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/18/2020 02:26	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 02:26	WG1494139
(S) Toluene-d8	112			80.0-120		06/18/2020 02:26	WG1494139
(S) 4-Bromofluorobenzene	102			77.0-126		06/18/2020 02:26	WG1494139
(S) 1,2-Dichloroethane-d4	95.3			70.0-130		06/18/2020 02:26	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 08:46

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	1.13	J	0.188	2.00	2000	06/18/2020 02:46	WG1494139
Toluene	2.85		0.556	2.00	2000	06/18/2020 02:46	WG1494139
Ethylbenzene	0.741	J	0.274	2.00	2000	06/18/2020 02:46	WG1494139
Total Xylenes	2.05	J	0.348	6.00	2000	06/18/2020 02:46	WG1494139
(S) Toluene-d8	115			80.0-120		06/18/2020 02:46	WG1494139
(S) 4-Bromofluorobenzene	100			77.0-126		06/18/2020 02:46	WG1494139
(S) 1,2-Dichloroethane-d4	95.2			70.0-130		06/18/2020 02:46	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 12:25

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0181		0.0000941	0.00100	1	06/18/2020 03:05	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 03:05	WG1494139
Ethylbenzene	U		0.000137	0.00100	1	06/18/2020 03:05	WG1494139
Total Xylenes	U		0.000174	0.00300	1	06/18/2020 03:05	WG1494139
(S) Toluene-d8	119			80.0-120		06/18/2020 03:05	WG1494139
(S) 4-Bromofluorobenzene	105			77.0-126		06/18/2020 03:05	WG1494139
(S) 1,2-Dichloroethane-d4	92.0			70.0-130		06/18/2020 03:05	WG1494139

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc

Collected date/time: 06/11/20 09:05

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0476		0.0000941	0.00100	1	06/18/2020 03:25	WG1494139
Toluene	U		0.000278	0.00100	1	06/18/2020 03:25	WG1494139
Ethylbenzene	0.00825		0.000137	0.00100	1	06/18/2020 03:25	WG1494139
Total Xylenes	0.000255	J	0.000174	0.00300	1	06/18/2020 03:25	WG1494139
(S) Toluene-d8	114			80.0-120		06/18/2020 03:25	WG1494139
(S) 4-Bromofluorobenzene	103			77.0-126		06/18/2020 03:25	WG1494139
(S) 1,2-Dichloroethane-d4	93.3			70.0-130		06/18/2020 03:25	WG1494139

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 11:55

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.00362		0.0000941	0.00100	1	06/17/2020 14:26	WG1494248
Toluene	U		0.000278	0.00100	1	06/17/2020 14:26	WG1494248
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 14:26	WG1494248
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 14:26	WG1494248
(S) Toluene-d8	109			80.0-120		06/17/2020 14:26	WG1494248
(S) 4-Bromofluorobenzene	105			77.0-126		06/17/2020 14:26	WG1494248
(S) 1,2-Dichloroethane-d4	96.4			70.0-130		06/17/2020 14:26	WG1494248

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 13:41

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0138		0.0000941	0.00100	1	06/17/2020 14:46	WG1494248
Toluene	U		0.000278	0.00100	1	06/17/2020 14:46	WG1494248
Ethylbenzene	0.00732		0.000137	0.00100	1	06/17/2020 14:46	WG1494248
Total Xylenes	0.00486		0.000174	0.00300	1	06/17/2020 14:46	WG1494248
(S) Toluene-d8	103			80.0-120		06/17/2020 14:46	WG1494248
(S) 4-Bromofluorobenzene	103			77.0-126		06/17/2020 14:46	WG1494248
(S) 1,2-Dichloroethane-d4	95.5			70.0-130		06/17/2020 14:46	WG1494248

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 13:55

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.000451	J	0.0000941	0.00100	1	06/17/2020 15:05	WG1494248
Toluene	U		0.000278	0.00100	1	06/17/2020 15:05	WG1494248
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 15:05	WG1494248
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 15:05	WG1494248
(S) Toluene-d8	124	J1		80.0-120		06/17/2020 15:05	WG1494248
(S) 4-Bromofluorobenzene	115			77.0-126		06/17/2020 15:05	WG1494248
(S) 1,2-Dichloroethane-d4	105			70.0-130		06/17/2020 15:05	WG1494248

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/10/20 00:00

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0981		0.0000941	0.00100	1	06/17/2020 15:24	WG1494248
Toluene	0.000692	J	0.000278	0.00100	1	06/17/2020 15:24	WG1494248
Ethylbenzene	0.0321		0.000137	0.00100	1	06/17/2020 15:24	WG1494248
Total Xylenes	0.0192		0.000174	0.00300	1	06/17/2020 15:24	WG1494248
(S) Toluene-d8	102			80.0-120		06/17/2020 15:24	WG1494248
(S) 4-Bromofluorobenzene	95.6			77.0-126		06/17/2020 15:24	WG1494248
(S) 1,2-Dichloroethane-d4	101			70.0-130		06/17/2020 15:24	WG1494248

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 00:00

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0267		0.0000941	0.00100	1	06/17/2020 15:44	WG1494248
Toluene	U		0.000278	0.00100	1	06/17/2020 15:44	WG1494248
Ethylbenzene	U		0.000137	0.00100	1	06/17/2020 15:44	WG1494248
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 15:44	WG1494248
(S) Toluene-d8	111			80.0-120		06/17/2020 15:44	WG1494248
(S) 4-Bromofluorobenzene	99.3			77.0-126		06/17/2020 15:44	WG1494248
(S) 1,2-Dichloroethane-d4	97.3			70.0-130		06/17/2020 15:44	WG1494248

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Collected date/time: 06/11/20 00:00

L1229187

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result mg/l	Qualifier	MDL mg/l	RDL mg/l	Dilution	Analysis date / time	Batch
Benzene	0.0330		0.0000941	0.00100	1	06/17/2020 16:03	WG1494248
Toluene	U		0.000278	0.00100	1	06/17/2020 16:03	WG1494248
Ethylbenzene	0.00510		0.000137	0.00100	1	06/17/2020 16:03	WG1494248
Total Xylenes	U		0.000174	0.00300	1	06/17/2020 16:03	WG1494248
(S) Toluene-d8	105			80.0-120		06/17/2020 16:03	WG1494248
(S) 4-Bromofluorobenzene	104			77.0-126		06/17/2020 16:03	WG1494248
(S) 1,2-Dichloroethane-d4	97.4			70.0-130		06/17/2020 16:03	WG1494248

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Method Blank (MB)

(MB) R3540806-2 06/17/20 10:40

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	116			80.0-120
(S) 4-Bromofluorobenzene	104			77.0-126
(S) 1,2-Dichloroethane-d4	93.6			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3540806-1 06/17/20 10:01

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00484	96.8	70.0-123	
Ethylbenzene	0.00500	0.00500	100	79.0-123	
Toluene	0.00500	0.00492	98.4	79.0-120	
Xylenes, Total	0.0150	0.0148	98.7	79.0-123	
(S) Toluene-d8			112	80.0-120	
(S) 4-Bromofluorobenzene			103	77.0-126	
(S) 1,2-Dichloroethane-d4			95.6	70.0-130	

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Volatile Organic Compounds (GC/MS) by Method 8260B

L1229187-07,08,09,10,11,12,13,15,16,17,18,19,21,22,23,24,25,26

Method Blank (MB)

(MB) R3540807-2 06/17/20 20:51

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	113			80.0-120
(S) 4-Bromofluorobenzene	99.6			77.0-126
(S) 1,2-Dichloroethane-d4	95.6			70.0-130

Laboratory Control Sample (LCS)

(LCS) R3540807-1 06/17/20 20:11

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00505	101	70.0-123	
Ethylbenzene	0.00500	0.00547	109	79.0-123	
Toluene	0.00500	0.00532	106	79.0-120	
Xylenes, Total	0.0150	0.0157	105	79.0-123	
(S) Toluene-d8			113	80.0-120	
(S) 4-Bromofluorobenzene			105	77.0-126	
(S) 1,2-Dichloroethane-d4			92.9	70.0-130	

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Volatile Organic Compounds (GC/MS) by Method 8260B [L1229187-27,28,29,30,31,32](#)

Method Blank (MB)

(MB) R3540325-3 06/17/20 11:00

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	112			80.0-120
(S) 4-Bromofluorobenzene	99.2			77.0-126
(S) 1,2-Dichloroethane-d4	92.5			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3540325-1 06/17/20 10:02

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00511	102	70.0-123	
Ethylbenzene	0.00500	0.00450	90.0	79.0-123	
Toluene	0.00500	0.00480	96.0	79.0-120	
Xylenes, Total	0.0150	0.0140	93.3	79.0-123	
(S) Toluene-d8			98.3	80.0-120	
(S) 4-Bromofluorobenzene			97.9	77.0-126	
(S) 1,2-Dichloroethane-d4			99.1	70.0-130	

Volatile Organic Compounds (GC/MS) by Method 8260B

[L1229187-13,14,20,21,22](#)

Method Blank (MB)

(MB) R3541485-2 06/20/20 06:28

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.0000941	0.00100
Ethylbenzene	U		0.000137	0.00100
Toluene	U		0.000278	0.00100
Xylenes, Total	U		0.000174	0.00300
(S) Toluene-d8	104			80.0-120
(S) 4-Bromofluorobenzene	99.1			77.0-126
(S) 1,2-Dichloroethane-d4	105			70.0-130

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Laboratory Control Sample (LCS)

(LCS) R3541485-1 06/20/20 05:47

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Benzene	0.00500	0.00532	106	70.0-123	
Ethylbenzene	0.00500	0.00489	97.8	79.0-123	
Toluene	0.00500	0.00508	102	79.0-120	
Xylenes, Total	0.0150	0.0149	99.3	79.0-123	
(S) Toluene-d8			103	80.0-120	
(S) 4-Bromofluorobenzene			99.4	77.0-126	
(S) 1,2-Dichloroethane-d4			107	70.0-130	

Guide to Reading and Understanding Your Laboratory Report

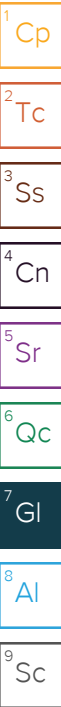
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN2000002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1 6}	90010	South Carolina	84004
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1 4}	2006
Louisiana ¹	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

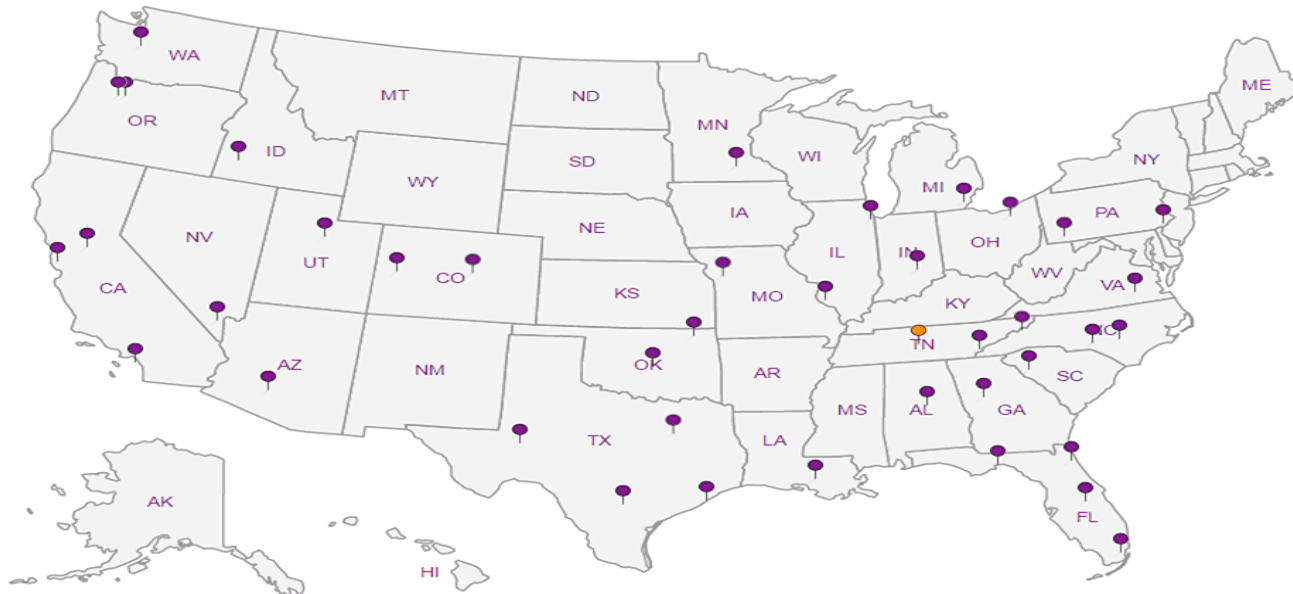
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP, LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



DCP Midstream - Tasman

6899 Pecos St., Unit C
Denver, CO 80221

Billing Information:

Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202Pres
Chk

Email To: knorman@tasman-geo.com

Report to:

Kyle Norman

Project Description:
Eldridge RanchCity/State
Collected:Please Circle:
PT MT CT ET

Phone: 575-318-5017

Client Project #

Lab Project #
DCPTASMAN-ERANCH

Collected by (print):

Collected by (signature):

Site/Facility ID #

P.O. #

Rush? (Lab MUST Be Notified)

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Quote #

Date Results Needed

No.
of
CntrsImmediately
Packed on Ice N ☐ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

V8260BTEX 40ml/Amb-HCl

Analysis / Container / Preservative

Chain of Custody



12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859

SP: L1229187
 D087

Acctnum: DCPTASMAN

Template: T168946

Prelogin: P778874

PM: 824 - Chris Ward

PB: 76-4-20

Shipped Via: FedEX Ground

Remarks

Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	Analysis / Container / Preservative	Remarks	Sample # (lab only)
MW-6		GW		6/10/20	1000	3	X		-01
MW-8		GW		6/10/20	1303	3	X		02
MW-10		GW		6/10/20	1334	3	X		03
MW-11		GW		6/10/20	1318	3	X		04
MW-12		GW		6/10/20	1355	3	X		05
MW-14		GW		6/10/20	1132	3	X		06
MW-18		GW		6/10/20	1207	3	X		07
MW-19		GW		6/11/20	0954	3	X		08
MW-20		GW		6/10/20	1415	3	X		09
MW-22		GW		6/11/20	1117	3	X		10

pH _____ Temp _____

Flow _____ Other _____

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - Wastewater
 DW - Drinking Water
 OT - Other

Remarks:

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

1798 3034 5242

Received by: (Signature)

Trip Blank Received: Yes/No

HCl/ MeOH
TBR

Received by: (Signature)

Temp/°C Bottles Received:

1.1-3.8 95

Received for lab by: (Signature)

Date: Time:

6-13-20 0900

Sample Receipt Checklist

COC Seal Present/Intact: ☒ Y ☐ N
 COC Signed/Accurate: ☒ Y ☐ N
 Bottles arrive intact: ☒ Y ☐ N
 Correct bottles used: ☒ Y ☐ N
 Sufficient volume sent: ☒ Y ☐ N
 If Applicable
 VOA Zero Headspace: ☒ Y ☐ N
 Preservation Correct/Checked: ☒ Y ☐ N
 RAD Screen <0.5 mR/hr: ☒ Y ☐ N

If preservation required by Login: Date/Time

Hold:

Condition:

NCF / OK

DCP Midstream - Tasman

6899 Pecos St., Unit C
Denver, CO 80221

Billing Information:

Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202Pres
Chk

Email To: knorman@tasman-geo.com

Report to:

Kyle Norman

Project Description:

Eldridge Ranch

City/State
Collected:Please Circle:
PT MT CT ET

Phone: 575-318-5017

Client Project #

Lab Project #

DCPTASMAN-ERANCH

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Quote #

Date Results Needed

Immediately
Packed on Ice N ☐ Y ☒No.
of
Cntrs

V8260BTEX 40ml/Amb-HCI

Analysis / Container / Preservative

Chain of Custody

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

SDG # L1229187

Table #

Acctnum: DCPTASMAN

Template: T168946

Prelogin: P778874

PM: 824 - Chris Ward

PB: 16-4-20

Shipped Via: FedEX Ground

Remarks Sample # (lab only)

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs														
MW-23		GW		6/11/20	1249	3	X													-11
MW-25		GW		6/11/20	1316	3	X													12
MW-26		GW		6/11/20	1210	3	X													13
MW-27		GW		6/11/20	0900	3	X													14
MW-29		GW		6/11/20	1256	3	X													15
MW-E		GW		6/10/20	1055	3	X													16
MW-F		GW		6/10/20	1121	3	X													17
MW-I		GW		6/11/20	1013	3	X													18
MW-M		GW		6/11/20	0835	3	X													19
MW-N		GW		6/11/20	0915	3	X													20

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

 Samples returned via:
☐ UPS ☐ FedEx ☐ Courier

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

 Trip Blank Received: ☒ Yes ☐ No
 HCL / MeOH
 TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

 Temp: 11.3 °C Bottles Received: 95
 Date: 12-13-20 Time: 0900

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 12-13-20 Time: 0900

Hold:

 Condition:
 NCF / OK

If preservation required by Login: Date/Time

 VOA Zero Headspace: ☒ Y ☐ N
 Preservation Correct/Checked: ☒ Y ☐ N
 RAD Screen <0.5 mR/hr: ☒ Y ☐ N

If Applicable

 Correct bottles used: ☒ Y ☐ N
 Sufficient volume sent: ☒ Y ☐ N
COC Seal Present/Intact: ☒ Y ☐ NCOC Signed/Accurate: ☒ Y ☐ NBottles arrive intact: ☒ Y ☐ NCorrect bottles used: ☒ Y ☐ NSufficient volume sent: ☒ Y ☐ NVOA Zero Headspace: ☒ Y ☐ NPreservation Correct/Checked: ☒ Y ☐ NRAD Screen <0.5 mR/hr: ☒ Y ☐ N

DCP Midstream - Tasman

6899 Pecos St., Unit C
Denver, CO 80221

Billing Information:

Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202Pres
Chk

Email To: knorman@tasman-geo.com

Report to:
Kyle NormanProject Description:
Eldridge RanchCity/State
Collected:Please Circle:
PT MT CT ET

Phone: 575-318-5017

Client Project #

Lab Project #
DCPTASMAN-ERANCH

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Quote #

Date Results Needed

Immediately
Packed on Ice N ☐ Y ☒No.
of
Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
MW-O		GW		6/11/20	1051	3
MW-Q		GW		6/11/20	1039	3
MW-S		GW		6/11/20	1025	3
MW-CC		GW		6/11/20	0846	3
MW-EE		GW		6/11/20	1225	3
MW-LL		GW		6/11/20	0905	3
MW-MM		GW		6/11/20	1155	3
NMG MW-5		GW		6/11/20	1341	3
NMG MW-10		GW		6/11/20	1355	3
		GW				3

V8260BTEX 40ml/Amb-HCI

Analysis / Container / Preservative

Chain of Custody


 12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859


SDG # 21229187

Table #

Acctnum: DCPTASMAN

Template: T168946

Prelogin: P778874

PM: 824 - Chris Ward

PB: 76 6-4-20

Shipped Via: FedEX Ground

Remarks | Sample # (lab only)

 * Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

 Trip Blank Received: Yes / No
☒ HCL / MeOH
☒ TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

 Temp 13 °C Bottles Received: 95
 1.1-3.8

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 6-13-20 Time: 0900

If preservation required by Login: Date/Time

 VOA Zero Headspace: ☒ Y ☐ N
 Preservation Correct/Checked: ☒ Y ☐ N
 RAD Screen <0.5 mR/hr: ☒ Y ☐ N

 Hold: Condition:
 NCF / OK

DCP Midstream - Tasman

6899 Pecos St., Unit C
Denver, CO 80221

Billing Information:

Steve Weathers
370 17th St, Ste 2500
Denver, CO 80202Pres
Chk

Email To: knorman@tasman-geo.com

Report to:

Kyle Norman

Project Description:
Eldridge RanchCity/State
Collected:Please Circle:
PT MT CT ET

Phone: 575-318-5017

Client Project #

Lab Project #

DCPTASMAN-ERANCH

Collected by (print):

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)

☐ Same Day ☐ Five Day
☐ Next Day ☐ 5 Day (Rad Only)
☐ Two Day ☐ 10 Day (Rad Only)
☐ Three Day

Quote #

Date Results Needed

No.
of
CntrsImmediately
Packed on Ice N ☐ Y ☒

Sample ID

Comp/Grab

Matrix *

Depth

Date

Time

V82608TEX 40ml/Amb-HCI

Duplicate A
 Duplicate B
 Duplicate C

GW

6/10/20

3

X

GW

6/11/20

3

X

GW

6/11/20

3

X

GW

3

X

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:

☐ UPS ☐ FedEx ☐ Courier

Tracking #

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

Trip Blank Received: Yes / No

HCL / MeOH
TBR

Relinquished by: (Signature)

Date:

Time:

Received by: (Signature)

TEMP: 13 °C
1.1-3.8 95

Bottles Received:

If preservation required by Login: Date/Time

Relinquished by: (Signature)

Date:

Time:

Received for lab by: (Signature)

Date: 6-13-20 Time: 0900

Hold:

Conditions
NCF / OK

Chain of Custody



12065 Lebanon Rd
 Mount Juliet, TN 37122
 Phone: 615-758-5858
 Phone: 800-767-5859
 Fax: 615-758-5859



SDG # L1229187

Table #

Acctnum: DCPTASMAN

Template: T168946

Prelogin: P778874

PM: 824 - Chris Ward

PB: 3 6-4-20

Shipped Via: FedEx Ground

Remarks

Sample # (lab only)

30

31

32

Sample Receipt Checklist

COC Seal Present/Intact: ☐ NP ☒ Y ☐ N
 COC Signed/Accurate: ☒ Y ☐ N
 Bottles arrive intact: ☒ Y ☐ N
 Correct bottles used: ☒ Y ☐ N
 Sufficient volume sent: ☒ Y ☐ N
 If Applicable
 VOA Zero Headspace: ☒ Y ☐ N
 Preservation Correct/Checked: ☒ Y ☐ N
 RAD Screen <0.5 mR/hr: ☒ Y ☐ N

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 23425

CONDITIONS

Operator: DCP OPERATING COMPANY, LP 370 17th Street, Suite 2500 Denver, CO 80202	OGRID:
	36785
	Action Number: 23425
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2020 Annual Groundwater Monitoring and Activities: Content satisfactory 1. Follow recommendations stated within 2020 Annual Groundwater Monitoring and Activities Report. a. Continue annual groundwater monitoring activities during 2021. Per request from the New Mexico OCD to rotate the date of annual sampling activities, the 2021 annual monitoring event will be performed during September 2021 b. Continue EFR remediation activities at wells with measurable amounts of LNAPL and/or elevated dissolved phase benzene concentrations. EFR events will be performed on a quarterly basis. Add monitoring well MW-14 to the EFR remediation program c. Continue evaluation of dissolved phase BTEX concentrations at NMG-MW-5 during the September 2021 groundwater monitoring event	12/29/2021