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REVIEWED
By Mike Buchanan at 9:15 am, Apr 30, 2024

March 11, 2024

Mr. Nelson Velez
EMNRD- Oil Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

Review of the 2023 Annual GW Monitoring Report for Former Eunice North Gas Plant: Content Satisfactory
1. Accepted for the Record.
2. Continue implementing ST2 AP as prescribed and conduct groundwater monitoring semi-annually.
3. Submit the 2024 Annual GW Report by April 1, 2025.

Re: Former Eunice North Gas Plant
2023 Annual Groundwater Monitoring Report
Eunice, Lea County, New Mexico

Dear Mr. Velez,

Please find enclosed the 2023 Annual Groundwater Monitoring Report, prepared for the Former Eunice North Gas Plant, in Eunice, New Mexico.

This Report was prepared by Arcadis U.S., Inc. (Arcadis) on behalf of Chevron Environmental Management Company (CEMC).

Please do not hesitate to call Sonja Zabienski with Arcadis at 720-344-3723 or myself at 832-854-5601, should you have any questions.

Sincerely,

Jason Michelson

Jason Michelson

cc Amy Barnhill, Chevron/MCBU

ARCADIS

Chevron Environmental Management Company

2023 ANNUAL GROUNDWATER MONITORING REPORT

Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

11 March 2024

2023 ANNUAL GROUNDWATER MONITORING REPORT

Former Eunice North Gas Plant Eunice, Lea County, New Mexico

March 2024

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ACRONYMS AND ABBREVIATIONS

Arcadis	Arcadis U.S., Inc.
BTEX	benzene, toluene, ethylbenzene, and xylenes
CV	coefficient of variation
DRO	diesel-range organics
ft amsl	feet above mean sea level
ft/ft	foot per foot
GRO	gasoline-range organics
HS	HydraSleeve™
LNAPL	light nonaqueous phase liquid
mg/L	milligrams per liter
report	2022 Annual Groundwater Monitoring Report
S	sum of trend
Site	former Eunice North Gas Plant, located in Eunice, Lea County, New Mexico
TDS	total dissolved solids
USEPA	United States Environmental Protection Agency
WQCC	Water Quality Control Commission

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1 INTRODUCTION

On behalf of Chevron Environmental Management Company, Arcadis U.S., Inc. (Arcadis) prepared this 2023 Annual Groundwater Monitoring Report (report) to summarize semiannual groundwater monitoring activities conducted in 2023 at the former Eunice North Gas Plant, located in Eunice, Lea County, New Mexico (Site). Data presented in this report were collected during two semiannual groundwater monitoring events conducted during February and October 2023.

The Site is located approximately 0.5 mile north of Eunice, New Mexico, in the southern half of the southeast quarter of the northeast quarter of Section 28, Township 21 South, Range 27 East. The approximately 30-acre Site is bordered by North Main Street to the east and residential areas to the south. The surrounding area is mostly flat, undeveloped grazing land with oil and gas production infrastructure. The Site Location Map is shown on **Figure 1**. The Well Location Map and Monitoring Plan is shown on **Figure 2** and provides additional site details. Additional site background information is provided in **Appendix A**.

The Site and surrounding area are underlain by the Ogallala Formation, which is bounded by claystones, sandstones, and siltstones from the Triassic Chinle Formation. The base of the aquifer contains 5 to 10 feet of gravel, sand, and clay overlain by red and yellow sandstones. Geological cross sections are provided in **Appendix B**.

Construction of a full-scale groundwater remediation system is underway at the Site to address chloride and other site-specific constituents of concern.

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2 GROUNDWATER MONITORING ACTIVITIES

Groundwater at the Site is monitored semiannually from a network of 80 wells (Arcadis 2020). A Groundwater Monitoring Reduction Workplan was submitted in July 2020 and implemented following that submittal. The spring monitoring events include sampling and gauging 80 wells and the fall events include a reduced set of 32 wells. Well locations and sampling frequency are shown on **Figure 2. Table 1** presents a summary of 2023 groundwater monitoring activities. Arcadis performed semiannual groundwater sampling events from February 20 through 27 and October 2 through 6, 2023.

2.1 Groundwater Sampling Methodology

Representative groundwater samples were collected within the screened interval of each well under undisturbed conditions using the no-purge HydraSleeve™ (HS) method. After samples were collected, new HS samplers were deployed and remained in the wells until the next monitoring event.

Field parameters including temperature, pH, dissolved oxygen, oxidation-reduction potential, specific conductivity, and turbidity were recorded prior to sample collection using a downhole probe. Samples collected for dissolved metals and dissolved hexavalent chromium were filtered in the field using a 0.45-micron filter. The February and October 2023 field parameter readings are presented in **Tables 3** and **4**, respectively.

2.2 Groundwater Gauging

During both semiannual monitoring events, depth to groundwater and depth to light nonaqueous phase liquid (LNAPL), if present, were gauged in accessible wells using a water level meter, or an oil-water interface probe if LNAPL was anticipated, and measurements were recorded from the top of casing. A potentiometric surface map shows the spring 2023 elevations on **Figure 3**. During the spring event, 78 out of 80 wells were gauged and two wells (IW024 and MW044) were not accessible for gauging (**Table 1**). During the fall event, 29 out of 31 wells were gauged and two wells (MW016A and MW078SA) were not accessible for gauging. Historical groundwater elevations are presented in **Appendix C.**
Data collected during the 2023 semiannual monitoring events indicate the following:

- Groundwater elevations ranged from 3351.72 feet above mean sea level (ft amsl; MW072SA) to 3384.12 ft amsl (MW061) during the February 2023 semiannual gauging event.
- Groundwater elevation ranged from 3,352.11 ft amsl (MW086SA) to 3,383.95 ft amsl (MW061) during the October 2023 semiannual gauging event. Note that during the fall event, an elevation of 3393.10 ft amsl at MW095 was recorded, however this value is inconsistent with historical data and likely the result of a gauging or recording error.
- Groundwater elevations during the 2023 period appear to be consistent with historical levels, with groundwater flow to the northeast.
- Groundwater elevation data for the sampling events are presented in **Table 2,** with historical elevation data provided in **Appendix C**. The annual groundwater potentiometric surface map for February 2023 is shown as **Figure 3**.

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- The calculated average gradient is approximately 0.003 foot per foot (ft/ft) to the northeast; however, the gradient steepens from less than 0.001 ft/ft at the upgradient end of the plume to approximately 0.01 ft/ft at the downgradient end of the plume.
- LNAPL was measured in MW006 during both the spring and fall monitoring events. The LNAPL thickness during spring event was 0.18 foot and LNAPL thickness during fall event was 0.37 foot in 2023. LNAPL has been intermittently measured in MW006 since 2012, with thicknesses ranging from sheen observations to 3.55 feet. MW006 is located within the site boundaries in the northeast, near the former location of a buried metal sump that was removed in 2003. Approximately 740 cubic yards of hydrocarbon-impacted soil were removed, and the excavation was backfilled. According to the 2015 Annual Groundwater Monitoring Report (GHD 2016), LNAPL had been observed periodically in MW005 and MW006 since the excavation, and unspecified LNAPL remediation and recovery was performed from 2004 to 2011.

2.3 Groundwater Analytical Results

In 2023, groundwater samples were collected from 76 wells during the spring monitoring event and from 29 wells during the fall monitoring event. Additionally, eight duplicate samples were collected during the spring monitoring event and three duplicate samples were collected during the fall monitoring event for quality control purposes. During the events, four wells were not sampled that were included in the sampling plan (**Table 1**):

- IW024. Not sampled, reason not recorded.
- MW078SA. Not sampled due to obstruction in well.
- MW044. The monitoring well was buried and inaccessible.
- MW016A. Not sampled during fall, reason not recorded.

Samples were sent to Xenco Laboratories in Midland, Texas for analysis of dissolved metals; total dissolved solids (TDS); chloride; benzene, toluene, ethylbenzene, and xylenes (BTEX); diesel-range organics (DRO); and gasoline-range organics (GRO). Analytical results from 2023 were compared to the New Mexico Water Quality Control Commission (WQCC) groundwater standards and are presented in **Tables 5** through **8**. Laboratory reports and data validation results are provided in **Appendix D**. Cumulative summary tables of groundwater analytical results from 1996 through 2017, and 2017 through present are provided in **Appendices E** and **F**, respectively.

2.3.1 Benzene, Toluene, Ethylbenzene, and Xylenes

Groundwater samples collected from six well locations during the spring 2023 monitoring event and two locations during the fall 2023 monitoring event were analyzed by United States Environmental Protection Agency (USEPA) Methods 8021B for BTEX and 8015B for DRO and GRO (**Table 1**). None of the locations sampled during the spring and fall 2023 monitoring event exceeded the WQCC for BTEX. There are no WQCC groundwater standards established for DRO or GRO. Results are presented in **Tables 5** and **6.**

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2.3.2 Chloride and Total Dissolved Solids

Groundwater samples collected from 76 wells during the spring monitoring event and from 29 wells during the fall were analyzed by USEPA Methods 300/300.1 and 2540C for chloride and TDS, respectively (**Table 1**). **Figures 4** and **5** present chloride isoconcentrations for the spring and fall 2023 monitoring events, respectively. Results are summarized as follows:

- *Chloride.* The WQCC standard of 250 milligrams per liter (mg/L) was exceeded at 63 of 76 locations, with a maximum concentration of 9,840 mg/L (MW068) in spring 2023. The WQCC standard was exceeded at 24 of 29 locations with a maximum concentration of 4,650 mg/L (MW069) in fall 2023.
- *TDS.* The WQCC standard of 1,000 mg/L was exceeded at 69 of 76 locations, with a maximum concentration of 18,000 mg/L (MW068) in spring 2023. The WQCC standard was exceeded at 28 of 29 locations with a maximum concentration of 15,800 mg/L (MW069) in fall 2023.

Results for the spring and fall 2023 sampling events are presented in **Tables 7** and **8**, respectively. Historical results are provided in **Appendices E** and **F**.

2.3.3 Dissolved Metals

Groundwater samples were collected from 76 well locations in spring 2023 and 29 well locations in fall 2023 and were analyzed by USEPA Method 6020A for dissolved arsenic, dissolved total chromium, dissolved iron, and dissolved manganese; and by USEPA Method 7196A for dissolved hexavalent chromium (**Table 1**). **Figures 6** through **9** show dissolved chromium and dissolved hexavalent chromium isoconcentrations for the spring and fall monitoring events. Results are summarized as follows:

- *Dissolved arsenic*. The WQCC standard of 0.01 mg/L was exceeded at in 38 of 76 locations in spring 2023, with a maximum concentration of 0.0611 mg/L (MW037A). The WQCC standard was exceeded at 19 of 29 locations in fall 2023, with a maximum concentration of 0.0202 mg/L (MW068).
- *Dissolved total chromium*. The WQCC standard of 0.05 mg/L was exceeded in 29 of 76 locations, with a maximum concentration of 3.35 mg/L (MW058) in spring 2023. The WQCC standard was exceeded at 11 of 29 locations, with a maximum concentration of 3.36 mg/L (MW023) in fall 2023. **Figures 6** and **7** show dissolved chromium isoconcentrations during the spring and fall 2023 events, respectively.
- *Dissolved hexavalent chromium*. The WQCC standard of 0.05 mg/L was exceeded in 26 of 76 locations, with a maximum concentration of 3.58 mg/L (MW058) in spring 2023. The WQCC standard was exceeded at 11 of 29 locations, with a maximum concentration of 3.59 mg/L (MW023) in fall 2023. **Figures 8** and **9** show dissolved hexavalent chromium isoconcentrations during the spring and fall 2023 events, respectively.
- *Dissolved iron*. The WQCC standard of 1 mg/L was exceeded in 7 of 76 locations, with a maximum concentration of 71.6 mg/L (MW008M) in spring 2023. The WQCC standard was exceeded in 2 of 29 locations, with a maximum concentration of 0.0668 mg/L (MW085SA) during the fall 2023 monitoring event.

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- *Dissolved manganese*. The WQCC standard of 0.2 mg/L was exceeded in 15 of 76 wells, with a maximum concentration of 7.07 mg/L (IW010) in spring 2023. The WQCC standard was exceeded at 4 of 29 locations, with a maximum concentration of 0.661 mg/L (MW068) in fall 2023.

Analytical results for the spring and fall 2023 sampling events are presented in **Tables 7** and **8**, respectively. Historical results are provided in **Appendices E** and **F**.

2.4 Chromium and Chloride Trend Analysis

2.4.1 Mann-Kendall Methodology

Mann-Kendall analysis was used to evaluate concentration trends at representative site wells. Wells were selected for trend analysis based on recent data completeness (i.e., at least five data points since the start of HS sampling in spring 2016) and locations within the chromium and chloride plumes to represent conditions within the respective plume areas. Trends are evaluated annually.

The Mann-Kendall trend test is a nonparametric test that determines trends based on ranked data. As such, it is relatively insensitive to outlier values and nondetect concentrations and does not require the data to fit a specific model. The basic Mann-Kendall trend test is performed by listing the concentrations of the constituent of interest in temporal order and computing the differences between a given measurement and earlier measurements (Gilbert 1987; USEPA 2009). Based on USEPA guidance, nondetect values are set to one value less than that of any detections (USEPA 2009). The Mann-Kendall test statistic (sum of trend [S]) is the difference between the number of strictly positive differences and the number of strictly negative differences. If S is positive, an increasing trend is indicated; if S is negative, a decreasing trend is indicated; and if S is near zero, no trend is apparent. Trends with positive or negative S-statistics were accepted as statistically significant for p-values less than or equal to 0.1 (90 percent confidence level). The coefficient of variation (CV) is a quantitative measure that can be used to evaluate if concentrations are stable in cases where a statistically significant trend is not apparent. The CV is calculated as the standard deviation divided by the mean (average) concentration. CV values near or greater than 1 indicate variability in concentrations through time, while lower values indicate stability. Mann-Kendall analyses were performed on data collected after the sampling methodology change to HS that occurred site-wide in spring 2016.

2.4.2 Dissolved Chromium Trend Analysis Results

A table summarizing Mann-Kendall analyses and individual trend charts are provided in **Appendix G**. Results from the Mann-Kendall analyses indicate the following:

- Western and southern plumes (upgradient; offsite):
  - In MW094, located at the southwestern plume fringe, has had dissolved chromium concentrations that have ranged between 0.0626 mg/L (February 2023) and 1.81 mg/L (May 2016). The concentrations indicate a statistically significant decreasing trend. The concentration trends for MW094 are provided in **Appendix G**, **Figure G-1**. All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard for dissolved chromium.
  - MW058 dissolved chromium concentrations have ranged between 2.46 mg/L (May 2016) and 3.9 mg/L (February 2022) and indicate a statistically significant increasing trend. The

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concentration trends for MW058 are provided in **Appendix G**, **Figure G-2**. Concentrations since HS sampling began in spring 2016 have exceeded the NMWQCC groundwater standard for dissolved chromium.

- MW013 dissolved chromium concentrations have remained stable between 0.418 mg/L (October 2023) and 2.54 mg/L (April 2019). The concentration trends for MW013 are provided in **Appendix G**, **Figure G-3**. All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard for dissolved chromium.

- Eastern plume (downgradient; offsite):
  - MW041A concentrations have remained stable between 0.183 mg/L (May 2016) and 0.213 mg/L (March 2021). The concentration trends for MW041A are provided in **Appendix G**, **Figure G-4**. All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard for dissolved chromium.
  - MW051SA dissolved chromium concentrations have ranged between 0.0263 mg/L (May 2016) and 0.818 mg/L (May 2017). The timeframe for analysis was adjusted to include data from 2017 to present, as the first data point (May 2016) is significantly lower. Mann-Kendall results for this adjusted time period indicate a statistically significant decreasing trend. The concentration trends for MW051SA are provided in **Appendix G**, **Figure G-5**. All concentrations since May 2017 have exceeded the NMWQCC groundwater standard for dissolved chromium.
  - At MW085SA, located just upgradient of the historical injection transect, dissolved chromium concentrations ranged between 0.0101 mg/L (May 2016) and 0.0696 mg/L (September 2020), and have been stable. The concentration trends for MW085SA are provided in **Appendix G**, **Figure G-6**. Dissolved chromium has exceeded the NMWQCC groundwater standard from April 2019 to March 2021. It did not exceed the standard during the last sampling event (October 2023).
  - At MW086SA, located downgradient of the historical injection transect, dissolved chromium concentrations have ranged between 0.0246 mg/L (February 2023) and 0.0762 mg/L (October 2019). Trend direction has been variable since HS sampling began; however, concentrations have remained generally stable as indicated by a CV value of 0.338. The concentration trends for MW086SA are provided in **Appendix G**, **Figure G-7**. Dissolved chromium was less than the NMWQCC groundwater standard during the most recent monitoring event (October 2022).

Assumed source area concentrations in the southwestern plume fringe are stable to decreasing near MW094 and MW013 and may potentially be migrating downgradient within the existing plume to the areas represented by MW058 given the direction of groundwater flow. Concentrations are remaining stable near MW041A, MW085SA, and MW086SA and decreasing at local hotspots (MW051SA) within the plume core, downgradient of the Site. A summary map of the dissolved chromium trend analyses is provided in **Appendix G**, **Figure G-8**.

2.4.3 Chloride Trend Analysis Results

A table summarizing Mann-Kendall analyses and individual trend charts are provided in **Appendix G**. Results from the Mann-Kendall analyses indicate the following:

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- Western and southern plumes (offsite):
  - At MW069, located on the westernmost plume fringe, chloride concentrations ranged between 715 mg/L (September 2017) and 20,900 mg/L (May 2016). Trend direction has been variable, but concentrations appear to have stabilized since increasing in April 2019. The concentration trends for MW069 are provided in **Appendix G**, **Figure G-9**. All concentrations have exceeded the NMWQCC groundwater standard for chloride.
  - MW094 chloride concentrations have ranged between 637 mg/L (February 2022) and 1,130 mg/L (May 2016) and indicate a statistically significant decreasing trend. The concentration trends for MW094 are provided in **Appendix G**, **Figure G-10**. All results since HS sampling began have exceeded the NMWQCC groundwater standard for chloride.
  - At MW032, located on the southern-most plume fringe, chloride concentrations ranged between 231 mg/L (May 2016) and 524 mg/L (October 2023). The concentration trends for MW032 are provided in **Appendix G**, **Figure G-11**. Chloride concentrations indicate a statistically significant increasing trend over the analysis period.
  - MW058 chloride concentrations have remained stable between 995 J mg/L (May 2017) and 1,330 mg/L (March 2021). The concentration trends for MW058 are provided in **Appendix G**, **Figure G-12.** All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard chloride.
  - MW013 chloride concentrations have been stable between 255 mg/L (September 2017) and 1030 mg/L (February 2023), and do not indicate a statistically significant trend. The concentration trends for MW013 are provided in **Appendix G**, **Figure G-13**. All results have exceeded the NMWQCC groundwater standard for chloride.
- Onsite plume:
  - MW047 chloride concentrations were between 146 mg/L (October 2023) and 604 J mg/L (February 2022) and indicate a statistically significant decreasing trend. The concentration trends for MW047 are provided in **Appendix G**, **Figure G-14**.
- Eastern plume (offsite):
  - MW041A chloride concentrations have remained stable between 377 mg/L (September 2017) and 488 mg/L (October 2019). The concentration trends for MW041A are provided in **Appendix G**, **Figure G-15**. All results have exceeded the NMWQCC groundwater standard for chloride.
  - MW051SA chloride concentrations have ranged between 968 mg/L (February 2022) and 1,360 mg/L (April 2018) and exhibit a statistically significant decreasing trend. The concentration trends for MW051SA are provided in **Appendix G**, **Figure G-16**. All results since HS sampling began have exceeded the NMWQCC groundwater standard for chloride.
  - At MW085SA, located just upgradient of the historical injection well transect, chloride concentrations have ranged from 654 mg/L (February 2023) and 1,650 mg/L (September 2018). Mann-Kendall trend analysis does not indicate a statistically significant trend at 90 percent confidence but remain stable, as indicated by a CV less than 1. The concentration trends for MW085SA are provided in **Appendix G**, **Figure G-17**. All concentrations have exceeded the NMWQCC groundwater standard for chloride.

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- At MW073SA, located just downgradient of the historical injection transect, chloride concentrations have ranged between 189 mg/L (March 2018) and 2,100 mg/L (October 2019). Analysis does not indicate a statistically significant trend and concentrations are variable as indicated by a CV close to 1. The concentration trends for MW073SA are provided in **Appendix G**, **Figure G-18**. Chloride concentrations have exceeded the NMWQCC groundwater standard since September 2018, but were below the standard in February 2023.
- MW086SA chloride concentrations have ranged between 586 mg/L (October 2023) and 1,470 mg/L (May 2017). The chloride concentrations have been analyzed using Mann-Kendall analysis since May 2017. Analysis indicates a statistically significant decreasing trend. The concentration trends for MW086SA are provided in **Appendix G**, **Figure G-19**. All concentrations have exceeded the NMWQCC groundwater standard for chloride.
- At MW100, located on the northern-most downgradient plume fringe, chloride concentrations have ranged from 623 J mg/L (October 2023) and 1,100 mg/L (February 2022). Mann-Kendall trend analysis does not indicate a statistically significant trend and concentrations have remained generally stable. The concentration trends for MW100 are provided in **Appendix G**, **Figure G-20**. All concentrations have exceeded the NMWQCC standard for chloride.

Stable trend directions indicated at the assumed upgradient source area represented by MW069, and an increasing trend at upgradient well MW032, potentially indicate that a chloride source is still contributing to the overall plume to a variable extent; however, stable to decreasing trends within the central plume area (including onsite at MW047) could suggest that the impact of the upgradient source is not impacting the stability of the center of the plume at this time. Stable to increasing concentrations downgradient of the Site could indicate natural fluctuations within the plume footprint and potential concentration migration within the plume, especially because no active treatment is implemented at this time. A statistically significant decreasing trend is seen near the leading edge of the plume at MW086SA, but no significant trend is seen at the southeastern edge (MW073SA) or at the northern edge (MW100). This could indicate variable behavior within the plume at the leading edge, potentially attributed to naturally occurring fluctuations since no active treatment is implemented at this time. A summary map of the chloride trend analyses is provided in **Appendix G**, **Figure G-21**.

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3 SUMMARY

The 2023 monitoring and investigation activities indicated the following:

- Groundwater analytical results are consistent with historical concentrations observed.
- Mann-Kendall trend analyses indicate that trends for the dissolved total chromium plume vary across the plume area, with no significant trend seen along the leading edge of the plume (MW086SA). Concentration trends for the chloride plume indicate that the core is stable; although chloride concentrations along the southern plume fringe and the northern and southern portions of the leading edge are stable to decreasing. At this time, trend results appear to be within expectations for the chloride and chromium plumes, especially because no active treatment is currently implemented.

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4 REFERENCES

Arcadis U.S. Inc. (Arcadis). 2020. 2020 Sampling and Analysis Plan, Former Eunice North Gas Plant, Eunice, New Mexico. July.

GHD Services, Inc. (GHD). 2016. 2015 Annual Groundwater Monitoring Report, Former Eunice North Gas Plant, Eunice, Lea County, New Mexico. February.

Gilbert, R.O. 1987. Statistical Methods for Environmental Pollution Monitoring. John Wiley and Sons, Inc. New York.

U.S. Environmental Protection Agency (USEPA). 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities. Office of Resource Conservation and Recovery. Unified Guidance. EPA 530-R-09-007.

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TABLES

Table 1
Summary of 2019 Groundwater Monitoring
2019 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

ARCADIS

Monitoring Well ID	Groundwater Elevation	Field Water Quality Parameters	BTEX (8021B)	GRO (8015B)	DRO (8015B)	Dissolved Metals (6020A)	Hexavalent Chromium (7196A)	Chloride (300)	TDS (2540C)	Notes
IW003	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
IW008	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
IW010	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
IW019	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	
IW023	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP03 /
IW024	(x)/--	(x)/--	--/--	--/--	--/--	(x)/--	(x)/--	(x)/--	(x)/--	Not Sampled (reason not recorded)
MW001	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	
MW002A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP06 /
MW004A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW006	x/x	x/(x)	(x)/(x)	(x)/(x)	(x)/(x)	(x)/(x)	(x)/(x)	(x)/(x)	(x)/(x)	Not Sampled. Product in well.
MW007A	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW008M	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW010	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW011A	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW012M	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW013	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW015A	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW016A	x/(x)	x/(x)	--/--	--/--	--/--	x/(x)	x/(x)	x/(x)	x/(x)	Not Sampled or gauged during Fall (reason not recorded)
MW018	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW019A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW020A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW021A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW023	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW024A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW026	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW027	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW030	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW031	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW032	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW037	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	
MW040A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW041A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW043	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x	DUP07 / DUP01
MW044	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	Not Sampled. Well buried and inaccesible.
MW045	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	
MW046A	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x	x/x	
MW047	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	DUP05 / DUP02
MW048SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP02 /
MW049SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW050SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW051SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP01 /
MW052SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW053SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	/DUP03
MW054SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW055SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW056SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW057SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW058	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW059	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP04 /
MW060	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW061	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW062A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW063A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW065SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW066SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW067SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW068	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	

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Table 1
Summary of 2019 Groundwater Monitoring
2019 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Monitoring Well ID	Groundwater Elevation	Field Water Quality Parameters	BTEX (8021B)	GRO (8015B)	DRO (8015B)	Dissolved Metals (6020A)	Hexavalent Chromium (7196A)	Chloride (300)	TDS (2540C)	Notes
MW069	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW070	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW071SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW072SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW073SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW074SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW075SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW076SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW078SA	x/(x)	(x)/(x)	--/--	--/--	--/--	(x)/(x)	(x)/(x)	(x)/(x)	(x)/(x)	Not Sampled due to obstruction in well
MW079SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW084SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW085SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW086SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW087A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW088M	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW089SA	(x)/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW090SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW093SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW094	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW095	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW097P	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW099	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW100	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	

Acronyms and Abbreviations:

BTEX = benzene, toluene, ethylbenzene, and xylenes
DRO = diesel-range organics
GRO = gasoline-range organics
ID = identification
LNAPL = light nonaqueous phase liquid
TDS = total dissolved solids
x/x = spring sampling event/fall sampling event
x = sample planned and collected
(x) = sample planned and not collected
-- = no sample planned during event

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Table 2
2023 Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW003	2/20/2023	3406.68	45.59	NM	NA	3361.09
IW008	2/20/2023	3405.37	45.11	NM	NA	3360.26
IW010	2/20/2023	3405.82	53.13	NM	NA	3352.69
IW019	2/20/2023	3423.78	45.24	NM	NA	3378.54
IW023	2/20/2023	3426.05	47.15	NM	NA	3378.90
IW024	2/21/2023	3426.63	47.29	NM	NA	3379.34
MW001	2/21/2023	3428.57	47.99	NM	NA	3380.58
MW002A	2/21/2023	3432.3	51.42	NM	NA	3380.88
MW004A	2/21/2023	3423.57	44.49	NM	NA	3379.08
MW006	2/21/2023	3425.26	45.76	45.58	0.18	3379.64
MW006	10/2/2023	3425.26	45.87	45.50	0.37	3379.67
MW007A	2/21/2023	3428.13	47.48	NM	NA	3380.65
MW007A	10/2/2023	3428.13	47.59	NM	NA	3380.54
MW008M	2/21/2023	3427.95	49.19	NM	NA	3378.76
MW010	2/21/2023	3419.42	39.02	NM	NA	3380.40
MW011A	2/21/2023	3431.77	50.41	NM	NA	3381.36
MW011A	10/2/2023	3431.77	50.65	NM	NA	3381.12
MW012M	2/21/2023	3430.06	48.44	NM	NA	3381.62
MW013	2/21/2023	3423.11	42.80	NM	NA	3380.31
MW013	10/4/2023	3423.11	47.44	NM	NA	3375.67
MW015A	2/21/2023	3420.55	38.83	NM	NA	3381.72
MW015A	10/2/2023	3420.55	39.22	NM	NA	3381.33
MW016A	2/21/2023	3419.92	38.83	NM	NA	3381.09
MW018	2/20/2023	3417.15	36.81	NM	NA	3380.34
MW018	10/2/2023	3417.15	37.08	NM	NA	3380.07
MW019A	2/20/2023	3414.74	37.13	NM	NA	3377.61
MW020A	2/20/2023	3421.14	43.06	NM	NA	3378.08
MW021A	2/20/2023	3422.94	46.28	NM	NA	3376.66
MW023	2/20/2023	3436.44	54.95	NM	NA	3381.49
MW023	10/2/2023	3436.44	55.13	NM	NA	3381.31
MW024A	2/20/2023	3430.77	50.71	NM	NA	3380.06
MW026	2/21/2023	3432.04	50.41	NM	NA	3381.63
MW027	2/21/2023	3443.33	62.38	NM	NA	3380.95
MW030	2/20/2023	3439.84	58.58	NM	NA	3381.26
MW031	2/20/2023	3440.68	59.44	NM	NA	3381.24
MW032	2/21/2023	3442.22	60.79	NM	NA	3381.43
MW032	10/2/2023	3442.22	60.97	NM	NA	3381.25
MW040A	2/21/2023	3422.92	41.79	NM	NA	3381.13
MW041A	2/20/2023	3418.42	41.77	NM	NA	3376.65
MW043	2/20/2023	3423.57	45.86	NM	NA	3377.71
MW043	10/2/2023	3423.57	46.11	NM	NA	3377.46
MW046A	2/21/2023	3426.45	47.6	NM	NA	3378.85
MW046A	10/2/2023	3426.45	46.67	NM	NA	3379.78
MW047	2/21/2023	3427.65	47.14	NM	NA	3380.51

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Table 2
2023 Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW047	10/2/2023	3427.65	47.21	NM	NA	3380.44
MW048SA	2/20/2023	3421.1	45.25	NM	NA	3375.85
MW049SA	2/20/2023	3422.46	48.12	NM	NA	3374.34
MW049SA	10/2/2023	3422.46	48.43	NM	NA	3374.03
MW050SA	2/20/2023	3419.31	44.86	NM	NA	3374.45
MW050SA	10/2/2023	3419.31	45.12	NM	NA	3374.19
MW051SA	2/20/2023	3415.42	43.53	NM	NA	3371.89
MW052SA	2/20/2023	3415.23	44.72	NM	NA	3370.51
MW053SA	2/20/2023	3413.86	41.96	NM	NA	3371.90
MW053SA	10/2/2023	3413.86	42.42	NM	NA	3371.44
MW054SA	2/20/2023	3411.38	44.82	NM	NA	3366.56
MW054SA	10/2/2023	3411.38	45.15	NM	NA	3366.23
MW055SA	2/20/2023	3407.43	40.86	NM	NA	3366.57
MW056SA	2/20/2023	3410.71	42.67	NM	NA	3368.04
MW056SA	10/2/2023	3410.71	42.84	NM	NA	3367.87
MW057SA	2/20/2023	3417.74	45.7	NM	NA	3372.04
MW057SA	10/2/2023	3417.74	45.92	NM	NA	3371.82
MW058	2/20/2023	3437.13	55.95	NM	NA	3381.18
MW059	2/20/2023	3442.24	60.67	NM	NA	3381.57
MW060	2/20/2023	3437.7	56.09	NM	NA	3381.61
MW061	2/21/2023	3439.86	55.74	NM	NA	3384.12
MW061	10/2/2023	3439.86	55.91	NM	NA	3383.95
MW062A	2/20/2023	3434.19	54.99	NM	NA	3379.20
MW063A	2/20/2023	3435.22	55.46	NM	NA	3379.76
MW065SA	2/20/2023	3402.96	50.30	NM	NA	3352.66
MW066SA	2/20/2023	3404.03	48.22	NM	NA	3355.81
MW067SA	2/20/2023	3409.16	46.09	NM	NA	3363.07
MW067SA	10/2/2023	3409.16	46.73	NM	NA	3362.43
MW068	2/20/2023	3448.08	66.72	NM	NA	3381.36
MW068	10/2/2023	3448.08	66.87	NM	NA	3381.21
MW069	2/20/2023	3444.07	62.67	NM	NA	3381.40
MW069	10/2/2023	3444.07	62.82	NM	NA	3381.25
MW070	10/2/2023	3439.68	58.57	NM	NA	3381.11
MW070	2/20/2023	3439.68	58.41	NM	NA	3381.27
MW071SA	2/20/2023	3401.01	49.03	NM	NA	3351.98
MW072SA	2/20/2023	3401.34	49.62	NM	NA	3351.72
MW073SA	2/20/2023	3403.26	47.38	NM	NA	3355.88
MW073SA	10/2/2023	3403.26	47.44	NM	NA	3355.82
MW074SA	2/20/2023	3409.97	47.74	NM	NA	3362.23
MW075SA	2/20/2023	3404.21	49.49	NM	NA	3354.72
MW075SA	10/2/2023	3404.21	49.54	NM	NA	3354.67
MW076SA	2/20/2023	3404.13	51.21	NM	NA	3352.92
MW078SA	2/20/2023	3411.12	39.11	NM	NA	3372.01
MW079SA	2/20/2023	3408.8	46.31	NM	NA	3362.49

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Table 2
2023 Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW084SA	2/20/2023	3405.98	50.22	NM	NA	3355.76
MW084SA	10/2/2023	3405.98	50.30	NM	NA	3355.68
MW085SA	2/20/2023	3405.98	50.63	NM	NA	3355.35
MW085SA	10/2/2023	3405.98	50.70	NM	NA	3355.28
MW086SA	2/20/2023	3401.86	49.78	NM	NA	3352.08
MW086SA	10/2/2023	3401.86	49.75	NM	NA	3352.11
MW087A	2/21/2023	3430.75	49.55	NM	NA	3381.20
MW088M	2/21/2023	3430.27	48.93	NM	NA	3381.34
MW089SA	2/22/2023	3428.09	48.29	NM	NA	3379.80
MW093SA	2/20/2023	3422.72	44.66	NM	NA	3378.06
MW094	2/20/2023	3443.15	61.60	NM	NA	3381.55
MW095	2/20/2023	3436.13	54.56	NM	NA	3381.57
MW095	10/2/2023	3436.13	43.03	NM	NA	3393.10
MW097P	2/21/2023	NM	47.18	NM	NA	NM
MW099	2/20/2023	3444.76	62.25	NM	NA	3382.51
MW100	2/20/2023	3406.49	52.71	NM	NA	3353.78
MW100	10/2/2023	3406.49	52.75	NM	NA	3353.74

Note:

1. Corrected groundwater elevations at MW006 are corrected using an assumed LNAPL specific gravity of 0.75. The formula used to correct groundwater elevation is as follows:

$$Corrected\ GW\ Elevation = (TOC\ Elevation - DTW) + (LNAPL\ Thickness * LNAPL\ Specific\ Gravity)$$

Acronyms and Abbreviations:

amsl = above mean sea level

btoc = below top of casing

DTW = depth to groundwater

GW = groundwater

ID = identification

LNAPL = light nonaqueous phase liquid

NA = not applicable

NM = not measured

TOC = top of casing

DRY = Dry Well

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Table 3
Spring 2023 Field Parameters
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Dissolved Oxygen	Oxidation-Reduction Potential	pH	Specific Conductivity	Temperature	Turbidity
		mg/L	mV	SU	mS/cm	°C	NTU
IW003	2/22/2023	3.21	0.00	7.37	0.00366	19.24	14.70
IW008	2/22/2023	2.26	-7	6.84	0.00356	16.58	38.80
IW010	2/22/2023	2.47	-2	6.52	0.00518	16.30	75.10
IW019	2/27/2023	1.91	118	6.48	0.00480	21.78	0.00
IW023	2/22/2023	4.15	282	6.59	0.00388	17.91	40.70
MW001	2/27/2023	3.83	89	6.86	0.00355	21.69	0.70
MW002A	2/27/2023	2.04	149	6.2	0.00528	22.49	25.00
MW004A	2/27/2023	4.88	82	6.55	0.00348	18.01	7.00
MW006	2/27/2023	8.06	128	6.96	0.00323	20.13	23.30
MW007A	2/27/2023	2.21	34	6.4	0.00456	18.57	0.60
MW008M	2/27/2023	1.63	-36	5.68	0.00616	18.45	177.00
MW010	2/23/2023	4.54	172	7.18	0.00677	20.23	53.60
MW011A	2/27/2023	2.87	115	6.68	0.00214	18.38	44.00
MW012M	2/27/2023	2.06	-34	5.97	0.00553	16.81	333.00
MW013	2/23/2023	7.13	190	7.96	0.00156	20.08	88.70
MW015A	2/23/2023	3.59	9	7.41	0.00868	20.05	35.20
MW016A	2/23/2023	3.59	9	7.41	0.00868	20.05	35.20
MW018	2/23/2023	6.34	91	8.29	0.00172	19.95	70.70
MW019A	2/22/2023	3.41	-49	8.56	0.00132	19.31	35.80
MW020A	2/22/2023	4.39	203	8.23	0.00383	20.74	10.60
MW021A	2/22/2023	3.10	265	7.06	0.00846	19.25	21.90
MW023	2/24/2023	6.22	196	6.03	0.00432	15.43	82.30
MW024A	2/23/2023	5.24	181	8.67	0.00454	19.79	26.00
MW026	2/23/2023	4.55	177	8.52	0.00126	20.30	11.70
MW027	2/23/2023	5.77	195	8.04	0.00229	21.03	22.80
MW030	2/24/2023	7.21	156	6.44	0.00120	13.98	114.00
MW031	2/24/2023	2.29	32	6.96	0.00160	16.18	22.20
MW032	2/23/2023	5.84	198	8.16	0.00264	21.07	15.80
MW037	2/27/2023	1.49	-45	6.3	0.00218	22.62	0.00
MW040A	2/23/2023	6.05	143	8.69	0.00104	19.98	31.40
MW041A	2/22/2023	4.81	312	5.44	0.00245	16.63	77.70
MW043	2/27/2023	8.22	98	6.66	0.00218	23.89	17.50
MW045	2/27/2023	1.99	160	6.61	0.00205	21.41	0.00
MW046A	2/27/2023	2.52	15.3	6.43	0.00391	23.05	5.70
MW047	2/27/2023	4.17	86	6.49	0.00237	21.40	52.20
MW048SA	2/22/2023	5.72	167	7.21	0.00362	19.55	46.60
MW049SA	2/22/2023	3.79	159	6.87	0.00502	19.58	32.20
MW050SA	2/22/2023	1.83	218	6.76	0.00491	18.65	5.70
MW051SA	2/22/2023	10.66	213	6.82	0.00496	18.65	9.40
MW052SA	2/22/2023	4.91	140	6.89	0.00500	19.39	12.00
MW053SA	2/27/2023	8.06	128	6.96	0.00323	20.13	23.30
MW054SA	2/22/2023	5.07	102	7.12	0.00357	19.39	56.20
MW055SA	2/22/2023	6.51	181	7.08	0.00299	18.17	10.20
MW056SA	2/22/2023	4.44	187	6.74	0.00456	17.71	71.40
MW057SA	2/22/2023	6.64	193	7.36	0.00210	18.42	30.60

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Table 3
Spring 2023 Field Parameters
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Dissolved Oxygen	Oxidation-Reduction Potential	pH	Specific Conductivity	Temperature	Turbidity
		mg/L	mV	SU	mS/cm	°C	NTU
MW058	2/21/2022	14.78	141	7.07	0.00412	19.06	228
MW059	2/21/2022	20.11	186	6.96	0.00412	17.36	800
MW060	2/18/2022	1.84	-235	7.42	0.00472	18.63	0.00
MW061	2/16/2022	6.13	204	7.47	0.00342	25.57	0.00
MW058	2/24/2023	5.01	197	5.85	0.00547	15.52	254.00
MW059	2/24/2023	7.52	199	6.47	0.00465	15.37	85.70
MW060	2/24/2023	2.19	-3	6.44	0.00502	17.88	96.30
MW061	2/23/2023	2.27	208	7.82	0.00534	21.98	4.90
MW062A	2/23/2023	7.38	176	9.13	0.00107	19.53	32.60
MW063A	2/24/2023	9.83	303	5.13	0.00396	11.94	104.00
MW065SA	2/22/2023	3.07	214	6.63	0.00452	16.14	31.70
MW066SA	2/22/2023	4.87	103	6.73	0.00412	16.82	51.70
MW067SA	2/22/2023	6.12	108	7.58	0.00169	19.38	9.40
MW068	2/23/2023	6.25	192	6.89	0.02170	20.41	162.00
MW069	2/27/2023	5.80	263	4.80	0.01840	15.67	266.00
MW070	2/24/2023	5.85	127	6.00	0.00193	13.85	105.00
MW071SA	2/21/2023	2.68	1.86	7.16	0.00185	2.18	279.00
MW072SA	2/22/2023	4.46	152	7.08	0.00189	17.23	132.00
MW073SA	2/22/2023	4.46	123	7.19	0.00196	16.92	22.90
MW074SA	2/22/2023	6.45	188	7.17	0.00396	18.09	49.60
MW075SA	2/21/2023	5.70	205	7.58	0.00295	20.78	42.00
MW076SA	2/21/2023	5.23	209	7.52	0.00279	21.62	84.20
MW079SA	2/22/2023	4.29	217	7.32	0.00227	19.23	27.20
MW084SA	2/21/2023	3.93	216	7.58	0.00432	20.43	87.30
MW085SA	2/21/2023	2.03	214	7.32	0.00516	19.96	14.70
MW086SA	2/21/2023	4.34	1.92	6.93	0.00329	22.79	221.00
MW087A	2/27/2023	1.22	-45	5.80	0.00555	18.54	4.30
MW088M	2/27/2023	1.35	4	5.99	0.00480	17.22	66.50
MW089SA	2/22/2023	4.83	287	6.04	0.00439	15.24	57.20
MW090SA	2/22/2023	5.49	327	5.13	0.00309	15.28	108.00
MW093SA	2/22/2023	4.39	265	7.29	0.00499	19.22	100.00
MW094	2/23/2023	1.69	200	8.08	0.00494	20.97	50.80
MW095	2/27/2023	3.33	305	4.82	0.00606	12.87	74.40
MW097P	2/27/2023	14.00	-3	6.2	0.00502	18.51	0.20
MW099	2/24/2023	2.46	573	5.73	0.00090	13.85	77.90
MW100	2/21/2023	2.68	127	6.35	0.00320	22.40	37.50

Acronyms and Abbreviations:

ID = identification

mg/L = milligrams per liter

mV = millivolts

NTU = nephelometric turbidity unit

SU = standard unit

°C = degrees Celsius

mS/cm = milliSiemens per centimeter

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Table 4
Fall 2023 Field Parameters
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Dissolved Oxygen	Oxidation-Reduction Potential	pH	Specific Conductivity	Temperature	Turbidity
		mg/L	mV	SU	mS/cm	°C	NTU
MW007A	10/3/2023	4.67	-5	7.29	0.00431	23.13	0.00
MW011A	10/3/2023	3.21	102	7.23	0.00212	23.03	0.00
MW013	10/3/2023	7.63	111	7.13	0.00467	22.43	61.60
MW015A	10/3/2023	86.60	133	6.74	0.00190	22.42	76.50
MW018	10/3/2023	7.80	1.06	7.64	0.00180	23.66	0.00
MW023	10/3/2023	6.02	166	7.06	0.00449	20.37	6.02
MW032	10/3/2023	4.44	91	7.24	0.00275	21.40	0.00
MW043	10/3/2023	1.80	-44	6.95	0.00305	24.64	46.00
MW046A	10/3/2023	2.80	78	7.62	0.00182	25.00	0.00
MW047	10/3/2023	6.72	177	7.33	0.00215	24.41	104.00
MW049SA	10/3/2023	8.11	162	7.00	0.00507	20.32	73.70
MW050SA	10/3/2023	3.57	160	6.98	0.00434	19.55	0.70
MW053SA	10/3/2023	4.68	162	7.08	0.00311	20.36	0.00
MW054SA	10/3/2023	6.63	159	7.16	0.00350	20.54	3.80
MW056SA	10/3/2023	6.63	181	6.91	0.00440	19.40	11.70
MW057SA	45202.00	4.33	176	7.15	0.00237	19.32	2.30
MW061	10/3/2023	4.61	120	7.06	0.00508	21.53	33.50
MW067SA	10/3/2023	5.58	171	7.12	0.00152	20.86	2.62
MW068	10/3/2023	10.90	-48	7.10	0.01380	21.09	138.00
MW069	10/3/2023	21.89	86	6.72	0.02430	21.89	127.00
MW070	10/3/2023	7.05	125	7.47	0.00214	24.60	16.70
MW073SA	10/3/2023	3.22	122	7.15	0.00176	21.75	0.00
MW075SA	10/3/2023	5.82	119	7.20	0.00317	21.05	2.40
MW084SA	10/3/2023	6.81	72	7.08	0.00480	20.63	9.10
MW085SA	10/3/2023	3.12	-6	7.19	0.00541	20.75	1.60
MW086SA	10/3/2023	5.27	136	7.07	0.00333	21.54	17.90
MW093SA	10/3/2023	4.87	101	7.42	0.00461	25.00	3.20
MW095	10/3/2023	7.24	111	7.08	0.00595	22.34	6.10
MW100	10/3/2023	2.75	-19	7.14	0.00294	21.51	0.00

Acronyms and Abbreviations:

ID = identification
mg/L = milligrams per liter
mV = millivolts
NTU = nephelometric turbidity unit
SU = standard unit
°C = degrees Celsius
µS/cm = microSiemens per centimeter
-- = Not Measured

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Table 5
Spring 2023 BTEX Analytical Data
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Analyte	Benzene		Toluene		Ethylbenzene		Total Xylenes		DRO		GRO	
		Unit	mg/L											
		NMWQCC Standard	0.005		1		0.7		0.62		NA		NA	
		Sample Purpose	REG											
IW019	2/27/2023	REG	0.00200	UJ	0.00200	UJ	0.00200	UJ	0.00400	UJ	4.75	U	4.75	U
MW001	2/27/2023	REG	0.00200	U	**0.00061**	**J**	0.00200	U	0.00400	U	4.48	U	4.48	U
MW037	2/27/2023	REG	**0.00346**	**J**	0.00200	UJ	**0.0244**	**J**	**0.00184**	**J**	**0.945**	**J**	4.76	U
MW043	2/27/2023	REG	0.00200	UJ	0.00200	UJ	**0.000688**	**J**	**0.00241**	**J**	4.48	U	4.48	U
MW043	2/27/2023	FD	0.00200	UJ	0.00200	UJ	0.00200	UJ	**0.00270**	**J**	4.55	U	4.55	U
MW045	2/27/2023	REG	0.00200	UJ	0.00200	UJ	0.00200	UJ	0.00400	UJ	4.87	U	4.87	U
MW046A	2/27/2023	REG	0.00200	U	0.00200	U	0.00200	U	0.00400	U	4.42	U	4.42	U

Notes:

bold = detected analytes

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = diesel-range organics

GRO = gasoline-range organics

ID = identification

mg/L = milligrams per liter

NMWQCC = New Mexico Water Quality Control Commission

REG = regular field sample

NA = not applicat = analytes exceeding the NMWQCC Standard

Qualifiers:

J = estimated value

U = nondetect reported to Method Quantitation Limit

R = The sample results are rejected.

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Table 6
Fall 2023 BTEX Analytical Data
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date Sampled	Analyte	Benzene		Toluene		Ethylbenzene		Total Xylenes		DRO		GRO		ORO	
		Unit	mg/L													
		NMWQCC Standard	0.005		1		0.7		0.62		NA		NA		NA	
		Sample Purpose														
MW043	10/3/2023	REG	0.00100	U	0.00100	U	0.00100	U	0.0100	U	5.12	U	5.12	U	5.12	U
MW043	10/3/2023	FD	0.00100	U	0.00100	U	0.00100	U	0.0100	U	4.70	U	4.70	U	4.70	U
MW046A	10/3/2023	REG	0.00100	U	0.00100	U	0.00100	U	0.0100	U	5.40	U	5.40	U	5.40	U

Notes:

Bold = detected analytes

BTEX = benzene, toluene, ethylbenzene, and xylenes

DRO = diesel-range organics

FD = field duplicate sample

GRO = gasoline-range organics

ID = identification

mg/L = milligrams per liter

NMWQCC = New Mexico Water Quality Control Commission

REG = regular field sample

NA = not applicable- no standard available

shading = analytes exceeding the NMWQCC Standard

Qualifiers:

J = estimated value

U = nondetect reported to Method Quantitation Limit (Reported Limit)

Table 7
Spring 2023 Metals, Chloride, and Total Dissolved Solids Analytical Data
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Analyte	Dissolved Arsenic		Dissolved Total Chromium		Dissolved Hexavalent Chromium		Dissolved Iron		Dissolved Manganese		TDS	Chloride
		Unit	mg/L											
		NMWQCC Standard	0.01 (1)		0.05		0.05		1		0.2		1,000	250
IW003	2/22/2023	REG	0.0213		0.00426		0.0100	U	5.99		5.65		2,800	823
IW008	2/22/2023	REG	0.00460		0.00454		0.0100	U	0.868		1.48		2,330	712
IW010	2/22/2023	REG	0.00568		0.00150	J	0.00593	J	9.84		7.07		3,480	1,170
IW019	2/27/2023	REG	0.00909		0.489		0.469		0.100	U	0.0435		3,380	880
IW023	2/23/2023	REG	0.00969		0.255		0.265		0.100	U	0.000342	J	2,890	552
IW023	2/23/2023	FD	0.00966		0.267		0.27 J	J	0.100	U	0.00200	U	2,940	546
MW001	2/27/2023	REG	0.00189	J	0.00151	J	0.0100	UJ	0.100	U	1.22		3,080	251
MW002A	2/27/2023	REG	0.0179		0.916		0.834		0.100	U	0.0175		4,060	1,430
MW002A	2/27/2023	FD	0.0170		0.909	J	0.812	J	0.100	U	0.0172		4,040	1,550
MW004A	2/27/2023	REG	0.0151		0.597		0.484		0.100	U	0.000517	J	2,440	625
MW007A	2/27/2023	REG	0.0110		0.776		0.699		0.100	U	0.000715	J	3,260	765
MW008M	2/27/2023	REG	0.0138		0.0284		0.0100	U	71.6		2.45		4,820	1,350
MW010	2/23/2023	REG	0.00853		0.0106		0.0100	U	0.100	U	0.000834	J	4,970	2,160
MW011A	2/27/2023	REG	0.0156		0.0278		0.0169		0.100	U	0.0843		1,420	309
MW012M	2/27/2023	REG	0.0141		0.0118		0.0100	U	27.9		0.348		4,510	1,020
MW013	2/23/2023	REG	0.00615		0.468		0.498		0.100	U	0.000232	J	3,700	1,030
MW015A	2/23/2023	REG	0.00825		0.00363	J	0.0100	U	0.165		0.217		10,300	5,080
MW016A	2/23/2023	REG	0.00910		0.0113		0.00593	J	0.100	U	0.000332	J	1,550	644
MW018	2/23/2023	REG	0.0100		<0.00400	U	0.0100	U	0.100	U	0.00200	U	1,190	186
MW019A	2/23/2023	REG	0.00823		0.000597	J	0.0100	U	0.0435	J	0.0112		1,330	318
MW020A	2/23/2023	REG	0.0105		0.00886		0.00393	J	0.100	U	0.000267	J	2,070	861
MW021A	2/23/2023	REG	0.00961		0.00250	J	0.0100	U	0.0299	J	0.0188		5,520	2,510
MW023	2/24/2023	REG	0.00770		2.92		3.37		0.100	U	0.000720	J	3,290	798
MW024A	2/23/2023	REG	0.0115		0.465		0.469		0.100	U	0.000634	J	3,120	879
MW026	2/23/2023	REG	0.00745		0.000621	J	0.0100	U	0.100	U	0.00200	U	1,140	171
MW027	2/23/2023	REG	0.00732		0.000662	J	0.0100	U	0.100	U	0.000233	J	1,530	364
MW030	2/24/2023	REG	0.0162		0.00151	J	0.0100	U	0.100	U	0.000478	J	712	237
MW031	2/24/2023	REG	0.0451		0.00112	J	0.0100	U	1.20		0.768		886	187
MW032	2/23/2023	REG	0.00424		0.00105	J	0.0100	U	0.100	U	0.00200	U	1,830	479
MW037A	2/27/2023	REG	0.0611		0.000790	J	0.0100	U	5.38	J	0.169		1,230	303
MW040A	2/23/2023	REG	0.0187		0.00198	J	0.0100	U	0.100	U	0.000472	J	532	54.7
MW041A	2/23/2023	REG	0.00981		0.183		0.186		0.100	U	0.000586	J	1,620	394
MW043	2/27/2023	REG	0.00533		0.000665	J	0.0100	U	0.136		0.353		1,610	454
MW043	2/27/2023	FD	0.00576		0.000564	J	0.0100	UJ	0.191	J	0.421		1,800	522
MW045	2/27/2023	REG	0.0023	J	0.0161		0.0100	U	0.100	U	0.0933		1,310	63.1
MW046A	2/27/2023	REG	0.0102		2.16		1.94		0.100	U	0.000725	J	3,350	705
MW047	2/27/2023	REG	0.0118		0.0414		0.0329		0.100	U	0.00200	U	1,740	157
MW047	2/27/2023	FD	0.0119		0.0423		0.0349	J	0.100	U	0.00200	U	1,560	155
MW048SA	2/22/2023	REG	0.0104		0.456		0.453		0.100	U	0.000232	J	2,700	684
MW048SA	2/22/2023	FD	0.0110		0.451		0.460	J	0.100	U	0.000526	J	2,680	692
MW049SA	2/22/2023	REG	0.0104		0.235		0.227		0.100	U	0.000298	J	3,640	1,200
MW050SA	2/22/2023	REG	0.00935		0.347		0.342		0.100	U	0.00815		3,250	1,090
MW051SA	2/22/2023	REG	0.0104		0.701		0.747		0.100	U	0.00569		3,360	968
MW051SA	2/22/2023	FD	0.0103		0.692		0.730	J	0.100	U	0.00657		3,630	971
MW052SA	2/22/2023	REG	0.0135		0.239		0.244		0.100	U	0.000503	J	4,500	1,280
MW053SA	2/27/2023	REG	0.0122		0.00438		0.0100	U	0.100	U	0.000549	J	1,940	667
MW054SA	2/22/2023	REG	0.0105		0.110		0.0909		0.100	U	0.00208		2,490	788
MW055SA	2/22/2023	REG	0.00687		0.153		0.165		0.100	U	0.000422	J	2,010	626
MW056SA	2/22/2023	REG	0.0129		0.320		0.340		0.100	U	0.000274	J	3,510	894
MW057SA	2/22/2023	REG	0.0125		0.00714		0.0100	U	0.100	U	0.000322	J	1,550	2,620
MW058	2/24/2023	REG	0.0120		3.35		3.58		0.100	U	0.000360	J	4,260	1,110
MW059	2/24/2023	REG	0.0117		0.529		0.559		0.100	U	0.00294		4,030	909
MW059	2/24/2023	FD	0.0121		0.539		0.554		0.0918	J	0.00128	J	4,140	939
MW060	2/24/2023	REG	0.000946	J	0.00400	U	0.0100	U	0.167		5.11		4,250	1,330
MW061	2/23/2023	REG	0.0112		0.805		0.807		0.100	U	0.0305		4,600	935
MW062A	2/23/2023	REG	0.0219		0.00449		0.0100	U	0.100	U	0.00200	U	522	66.5
MW063A	2/24/2023	REG	0.0221		0.00166	J	0.0100	U	0.100	U	0.00200	U	500	54.4
MW065SA	2/22/2023	REG	0.0147		0.00504		0.0100	U	0.112		0.808		3,690	1,090
MW066SA	2/22/2023	REG	0.00801		0.0424		0.0379		0.100	U	0.00497		2,750	929
MW067SA	2/22/2023	REG	0.0169		0.00400	U	0.0100	U	0.100	U	0.00200	U	947	181
MW068	2/23/2023	REG	0.0139		0.00400	U	0.0100	U	0.153		2.66		18,000	9,840
MW069	2/27/2023	REG	0.00684		0.00400	U	0.0100	U	0.100	U	0.198		15,400	8,810
MW070	2/24/2023	REG	0.0111		0.00400	U	0.0100	U	0.100	U	0.00200	U	1,440	427
MW071SA	2/21/2023	REG	0.00991		0.0219		0.0219		0.100	U	0.000715	J	1,320	403
MW072SA	2/22/2023	REG	0.0156		0.00400	U	0.0100	U	0.100	U	0.000329	J	1,160	271
MW073SA	2/22/2023	REG	0.00998		0.00102	J	0.0100	U	0.100	U	0.000646	J	1,140	249

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Table 7
Spring 2023 Metals, Chloride, and Total Dissolved Solids Analytical Data
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Analyte	Dissolved Arsenic		Dissolved Total Chromium		Dissolved Hexavalent Chromium		Dissolved Iron		Dissolved Manganese		TDS	Chloride
		Unit	mg/L											
		NMWQCC Standard	0.01 (1)		0.05		0.05		1		0.2		1,000	250
MW074SA	2/22/2023	REG	**0.0114**		**0.0116**		0.0100	U	0.100	U	**0.000295**	J	**2,580**	**69.1**
MW075SA	2/21/2023	REG	**0.0116**		**0.0168**		**0.0154**		0.100	U	0.00200	U	**2,120**	**589**
MW076SA	2/21/2023	REG	**0.0131**		**0.00598**		0.0100	U	0.100	U	**0.000240**	J	**2,230**	**545**
MW079SA	2/22/2023	REG	**0.00902**		0.00400	U	0.0100	U	0.100	U	**0.0163**		**1,440**	**355**
MW084SA	2/21/2023	REG	**0.00935**		**0.0130**		**0.0114**		0.100	U	**0.000263**	J	**3,040**	**1,070**
MW085SA	2/21/2023	REG	**0.0118**		**0.0183**		**0.0159**		0.100	U	**0.000490**	J	**2,310**	**654**
MW086SA	2/21/2023	REG	**0.0149**		**0.0246**		**0.0139**		0.100	U	**0.0789**		**3,580**	**1,310**
MW087A	2/27/2023	REG	**0.00319**	J	**0.0760**		0.0100	U	**7.44**		**0.339**		**3,580**	**1,100**
MW088M	2/27/2023	REG	**0.00756**		**0.0992**		0.0100	U	**0.407**		**1.31**		**3,920**	**914**
MW089SA	2/22/2023	REG	**0.00991**		**0.227**		**0.238**		0.100	U	0.00200	U	**2,360**	**418**
MW090SA	2/22/2023	REG	**0.00980**		**0.949**		**1.02**		0.100	U	**0.000409**	J	**4,420**	**937**
MW093SA	2/23/2023	REG	**0.00831**		**0.372**		**0.389**		0.100	U	**0.00728**		**3,600**	**835**
MW094	2/23/2023	REG	**0.00956**		**0.0626**		**0.0434**		0.100	U	**0.0111**		**4,420**	**997**
MW095	2/27/2023	REG	**0.00864**		**2.89**		**2.80**		0.100	U	**0.170**		**4,550**	**1,120**
MW097P	2/27/2023	REG	**0.0107**		**0.450**		**0.392**		0.100	U	**0.0383**		**3,590**	**875**
MW099	2/24/2023	REG	**0.00722**		0.00400	U	0.0100	U	**0.233**		**0.0942**		**502**	**73.8**
MW100	2/21/2023	REG	**0.00739**		0.00400	U	0.0100	U	**0.0521**	J	**0.421**		**1,930**	**846**

Notes:
(1) Updated NMWQCC Standard effective July 1, 2020. Both spring and fall datasets compared to new standard.

Acronyms and Abbreviations:
Bold = detected analytes
FD = field duplicate sample
ID = identification
mg/L = milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
REG = regular field sample
TDS = total dissolved solids
Shading = analytes exceeding the NMWQCC Standard

Qualifiers:
J = estimated value
U = Non-detect reported to Method Quantitation Limit
UB = Compound considered non-detect at the listed value

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Table 8
Fall 2023 Metals, Chloride, and Total Dissolved Solids Analytical Data
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Analyte	Dissolved Arsenic		Dissolved Total Chromium		Dissolved Hexavalent Chromium		Dissolved Iron		Dissolved Manganese		TDS		Chloride	
		Unit	mg/L													
		NMWQCC Standard	0.01 (1)		0.05		0.05				0.2		1,000		250	
MW007A	10/4/2023	REG	**0.0105**		**0.683**		**0.732**		0.100	U	**0.00321**		**3,170**		**692**	
MW011A	10/4/2023	REG	**0.0155**		**0.0187**		**0.0120**		0.100	U	**0.131**		**1,580**		**317**	
MW015A	10/3/2023	REG	**0.00205**	J	**0.00115**	J	0.0100	U	0.100	U	**0.0509**		**3,060**		**193**	
MW018	10/3/2023	REG	**0.0101**		0.00400	U	0.0100	U	0.100	U	0.00200	U	**1,210**		**192**	
MW023	10/5/2023	REG	**0.00778**		**3.36**		**3.59**		0.100	U	0.00200	U	**2,950**		**668**	
MW032	10/4/2023	REG	**0.00453**		**0.00177**	J	0.0100	U	0.100	U	0.00200	U	**2,040**		**524**	
MW043	10/3/2023	REG	**0.00632**		**0.00101**	J	0.0100	U	0.100	U	**0.464**		**1,640**		**417**	
MW043	10/3/2023	FD	**0.00525**		**0.000792**	J	0.0100	U	0.100	U	**0.403**		**1,700**		**433**	
MW046A	10/3/2023	REG	**0.00244**	J	**0.0122**		0.0100	U	0.100	U	**0.0806**		**1,260**		**63.1**	
MW047	10/4/2023	REG	**0.0104**		**0.0667**		**0.0578**		0.100	U	0.00200	U	**1,690**		**146**	
MW047	10/4/2023	FD	**0.0106**		**0.0690**		**0.0583**		0.100	U	**0.00112**	J	**1,590**		**142**	
MW049SA	10/6/2023	REG	**0.0114**		**0.263**		**0.260**		0.100	U	0.00200	U	**2,940**		**1,060**	
MW050SA	10/5/2023	REG	**0.0102**		**0.270**		**0.249**		0.100	U	**0.00185**	J	**3,410**		**873**	
MW053SA	10/6/2023	REG	**0.0107**		**0.00214**	J	0.0100	U	0.100	U	**0.00194**	J	**2,140**		**610**	
MW053SA	10/6/2023	FD	**0.0116**		**0.00233**	J	0.0100	U	0.100	U	**0.00210**		**1,970**		**639**	
MW054SA	10/6/2023	REG	**0.0101**		**0.111**		**0.109**		0.100	U	0.00200	U	**2,240**		**714**	
MW056SA	10/5/2023	REG	**0.0132**		**0.333**		**0.301**		0.100	U	0.00200	U	**2,820**		**682**	
MW057SA	10/5/2023	REG	**0.0129**		**0.0130**		**0.00854**	J	0.100	U	0.00200	U	**1,570**		**299**	
MW061	10/4/2023	REG	**0.0115**		**0.689**		**0.712**		0.100	U	**0.0362**		**3,860**		**715**	
MW067SA	10/6/2023	REG	**0.0173**		0.00400	U	0.0100	U	0.100	U	0.00200	U	**982**		**188**	
MW068	10/4/2023	REG	**0.0202**		0.00400	U	0.0100	U	**0.0295**	J	**0.661**		**7,150**		**2,030**	
MW069	10/4/2023	REG	**0.00535**		0.00400	U	0.0100	U	0.100	U	**0.249**		**15,800**		**4,650**	
MW070	10/4/2023	REG	**0.0121**		**0.000798**	J	0.0100	U	0.100	U	0.00200	U	**1,450**		**404**	
MW073SA	10/5/2023	REG	**0.0107**		0.00400	U	0.0100	U	0.100	U	0.00200	U	**1,120**		**267**	
MW075SA	10/5/2023	REG	**0.0120**		**0.0181**		**0.0145**		0.100	U	0.00200	U	**2,010**		**520**	
MW084SA	10/5/2023	REG	**0.0114**		**0.0133**		**0.00804**	J	0.100	U	0.00200	U	**3,860**		**927**	
MW085SA	10/5/2023	REG	**0.0173**		**0.0170**		**0.00406**	J	**0.0668**	J	**0.0724**		**3,280**		**1,080**	
MW086SA	10/5/2023	REG	**0.0119**		**0.0256**		**0.0200**		0.100	U	**0.00191**	J	**2,220**		**586**	
MW093SA	10/3/2023	REG	**0.00814**		**0.265**		**0.293**		--		--		**3,590**		**695**	
MW095	10/4/2023	REG	**0.00921**		**3.23**		**3.02**		0.100	U	**0.162**		**4,920**		**1,030**	
MW013	10/4/2023	REG	**0.00562**		**0.418**		**0.372**		0.100	U	**0.00220**		**2,980**		**694**	
MW100	10/5/2023	REG	**0.00851**		0.00400	U	0.0100	U	0.100	U	**0.612**		**1,890**		**623**	

Notes:

(1) Updated NMWQCC Standard effective July 1, 2020. Both spring and fall datasets compared to new standard.

Acronyms and Abbreviations:

bold = detected analytes
FD = field duplicate sample
ID = identification
mg/L = milligrams per liter
NMWQCC = New Mexico Water Quality Control Commission
REG = regular field sample
TDS = total dissolved solids
Shading = analytes exceeding the NMWQCC Standard

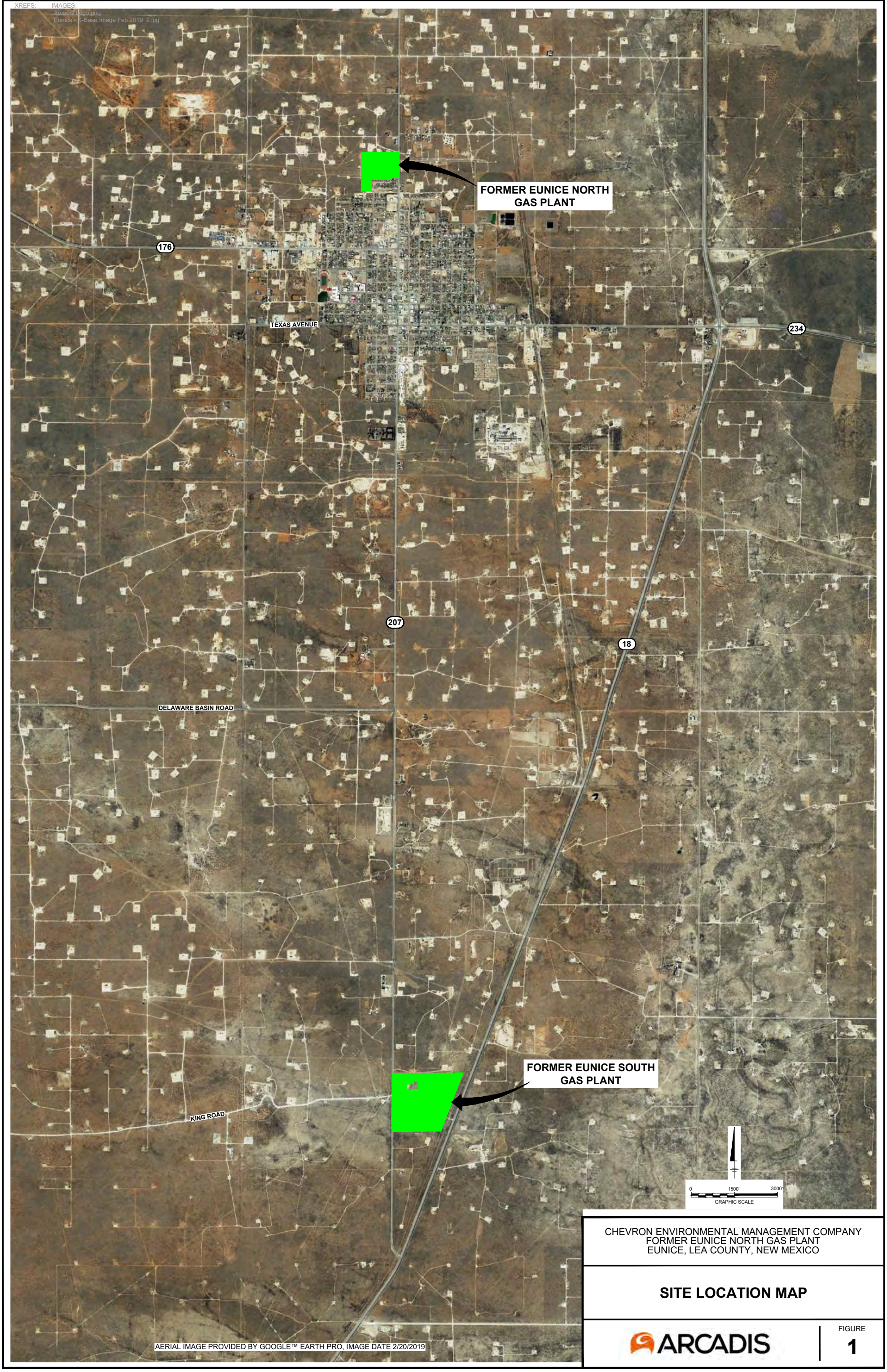
Qualifiers:

J = estimated value
H = Sample was prepped or analyzed beyond the specified holding time
U = Non-detect reported to Method Quantitation Limit

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FIGURES

DIV/GROUP: ENVCAD
C:\Users\ari00071\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GEN-F01-SITE LOCATION.dwg LAYOUT: 1 SAVED: 1/31/2024 11:08 AM ACADVER: 24.2S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 2/15/2024 7:12 AM BY: R, ANITA
XREFS: IMAGES:
Arcadis Logo.png
Eunice - X-Base Image Feb 2019_2.jpg



CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

SITE LOCATION MAP

ARCADIS

FIGURE
1

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- LOCATIONS IN **BLUE** ARE SAMPLED ANNUALLY
- LOCATIONS IN **GREEN** ARE SAMPLED SEMIANNUALLY

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.

CONTINENTAL ROAD
6th STREET
NORTH 20th STREET
MAIN STREET (STATE LOOP 207)
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET

WOODELLWW
EPWW1
LORDWW
ROLANDWW
GOPWW2
TEAGUEWW

MW100 MW076SA MW075SA MW074SA MW084SA MW085SA MW083SA IW014 IW013 IW012 IW011 MW056SA MW065SA MW086SA IW010 IW009 IW008 MW071SA MW055SA IW007 IW006 IW005 MW066SA MW072SA IW004 IW003 IW015 MW079SA IW016 MW080SA MW073SA MW067SA MW078SA MW057SA MW063A MW062A MW099 MW070 MW070A MW024A MW024 MW021A MW051SA MW050SA MW042A MW002 MW002A EPWW1 MW046 MW046A MW045 MW043 MW058 MW030 MW036 MW037 IW018 MW044 IW019 6th STREET MW052SA MW001 MW006 MW005 MW038 MW004 MW004A MW093SA IW021 MW091SA IW022 MW041A MW034 MW049SA MW054SA MW047 IW024 IW025 IW026 IW023 MW090SA MW009A IW027 MW030P IW028 MW048SA MW053SA MW011 MW011A MW011M MW008 MW008A MW087A MW097P MW096P MW003 MW059 MW023A MW023 MW008M IW001 RW004A IW029P MW007 MW007A MW089SA MW009 MW020 MW020A LORDWW MW095 MW012 MW012M MW012A MW088M RW003 IW002 MW013A MW013 MW040A MW010 ROLANDWW MW019A MW031 MW060 MW089 MW061 MW094 MW068 MW014A MW015A MW015 MW016A MW018 MW032 MW026 MW027

N

0 300' 600'
GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

WELL LOCATION MAP AND MONITORING PLAN

ARCADIS

FIGURE 2

C:\Users\arl00071\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\202401-DWG\GEN-F02-SITE MAP.dwg LAYOUT: 2 SAVED: 2/15/2024 10:00 AM ACADVER: 24.2S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 2/15/2024 10:20 AM BY: R. ANITA
XREFS: IMAGES:

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- 3384.12 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
- 3380.00 POTENTIOMETRIC CONTOUR (FT AMSL; DASHED WHERE INFERRED)
- NM NOT MEASURED
- GROUNDWATER FLOW DIRECTION
- * WELL NOT USED FOR CONTOURING

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS GAUGED FEBRUARY 20 AND 21, 2023.

CONTINENTAL ROAD
6th STREET
NORTH 20th STREET
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET
MAIN STREET (STATE LOOP 207)
WOODELLWW
LORDWW
ROLANDWW
TEAGUEWW

N

0 300' 600'
GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

POTENTIOMETRIC SURFACE MAP SPRING 2023

ARCADIS

FIGURE 3

DIV/GROUP: ENVCAD
C:\Users\ari00071\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023Q1-F03-CONTOURS.dwg LAYOUT: 3 SAVED: 2/26/2024 8:51 PM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---
PLOTSTYLETABLE: --- PLOTTED: 2/26/2024 10:31 PM BY: R. ANITA
XREFS
IMAGES

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (909/939) CHLORIDE CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- J THE TARGET ANALYTE WAS POSITIVELY IDENTIFIED BELOW THE QUANTITATION LIMIT AND ABOVE THE DETECTION LIMIT
- >250 >500 >1,000 >3,000
- NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED FEBRUARY 22 THROUGH 24 AND 27, 2023.
6. ONLY DATA COLLECTED IN 2023 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

CONTINENTAL ROAD
6th STREET
NORTH 20th STREET
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET
MAIN STREET (STATE LOOP 207)
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
TEAGUE

MW100 (846)
MW076SA (545)
MW075SA (589)
MW074SA (69.1)
MW084SA (1,070)
MW085SA (654)
MW083SA (NS)
IW014 (NS)
IW013 (NS)
IW012 (NS)
IW011 (NS)
IW010 (1,170)
IW009 (NS)
IW008 (712)
IW007 (NS)
IW006 (NS)
IW005 (NS)
IW004 (NS)
IW003 (823)
IW015 (NS)
IW016 (NS)
MW065SA (1,090)
MW086SA (1,310)
MW056SA (894)
MW057SA (2,620)
WOODELLWW (NS)
MW063A (54.4)
MW062A (66.5)
MW099 (73.8)
MW070 (427)
MW070A (NS)
MW024A (879)
MW024 (NS)
MW002 (NS)
MW002A (1,430/1,550)
MW058 (1,110)
MW030 (237)
MW046 (NS)
MW046A (705)
MW045 (63.1)
MW042A (NS)
MW021A (2,510)
MW043 (454/522)
MW050SA (1,090)
MW051SA (968/ 971)
MW055SA (626)
MW071SA (403)
MW072SA (271)
MW052SA (1,280)
MW066SA (929)
MW049SA (1,200)
MW041A (394)
MW034 (NS)
MW054SA (788)
MW079SA (355)
MW073SA (249)
MW048SA (684/692)
MW053SA (667)
MW067SA (181)
MW078SA (NS)
MW036 (NS)
MW006 (NS)
MW005 (NS)
MW001 (251)
MW004 (NS)
MW038 (NS)
MW004A (625/318)
MW037 (303)
IW018 (NS)
MW044 (NS)
IW019 (880)
MW093SA (835)
IW021 (NS)
MW091SA (NS)
IW022 (NS)
IW023 (552/546)
IW024 (601)
IW025 (NS)
IW028 (NS)
MW047 (157/155)
MW011 (NS)
MW011A (309)
MW011M (NS)
MW023A (NS)
MW059 (909/ 939)
MW023 (798)
MW087A (1,100)
MW003 (NS)
MW009A (318/ 625)
MW090SA (937)
IW027 (NS)
IW001 (NS)
MW008 (NS)
MW097P (875)
MW096P (NS)
MW030P (NS)
IW028 (NS)
IW089SA (418)
IW029P (NS)
MW007 (NS)
MW007A (765)
MW009 (NS)
MW008M (1,350)
MW008A (NS)
RW004A (NS)
LORDWW (NS)
MW020 (NS)
MW020A (861)
MW031 (187)
MW060 (1,330)
MW095 (1,120)
MW012 (NS)
MW012A (NS)
MW012M (1,020)
MW013 (1,030)
MW013A (NS)
RW003 (NS)
IW002 (NS)
MW088M (914)
MW010 (2,160)
ROLANDWW (NS)
MW019A (318)
MW040A (54.7)
MW069 (8,810)
MW014A (NS)
MW015 (NS)
MW015A (5,080)
MW018 (186)
MW061 (935)
MW094 (997)
MW068 (9,840)
MW016A (644)
MW032 (479)
MW026 (171)
MW027 (364)

N

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

CHLORIDE ISOCONCENTRATION MAP SPRING 2023

ARCADIS

FIGURE 4

C:\Users\ari000711DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023Q1-F04-CHLORIDE SPRING.dwg LAYOUT: 4 SAVED: 2/26/2024 10:35 PM ACADVER: 24.2S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/26/2024 10:35 PM BY: R, ANITA
XREFS:
IMAGES:

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (417/433) CHLORIDE CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- CHLORIDE ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)
  - >250
  - >500
  - >1,000
  - >3,000
- NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED OCTOBER 3 THROUGH 6, 2023.
6. ONLY DATA COLLECTED IN 2022 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

CONTINENTAL ROAD
6th STREET
NORTH 20th STREET
MAIN STREET (STATE LOOP 207)
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET
TEAGUE (NS)

N

0 300' 600'
GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

CHLORIDE ISOCONCENTRATION MAP FALL 2023

ARCADIS

FIGURE 5

C:\Users\ari0007\1\DOCACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023Q1-F05-CHLORIDE FALL.dwg LAYOUT: 5 SAVED: 2/27/2024 11:38 AM ACADVER: 24.2S (LMS TECH) PAGESETUP:
---- PLOTSTYLETABLE: ---- PLOTTED: 2/27/2024 11:39 AM BY: R, ANITA
XREFS IMAGES

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (0.529/0.539) TOTAL CHROMIUM CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- TOTAL CHROMIUM ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)
  - >0.05
  - >0.5
  - >2
- J THE TARGET ANALYTE WAS POSITIVELY IDENTIFIED BELOW THE QUANTITATION LIMIT AND ABOVE THE DETECTION LIMIT
- <0.00400 NOT DETECTED ABOVE REPORTING LIMIT
- NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED FEBRUARY 22 THROUGH 24 AND 27, 2023.
6. ONLY DATA COLLECTED IN 2022 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

CONTINENTAL ROAD
6th STREET
MAIN STREET (STATE LOOP 207)
6th STREET
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET

N

0 300' 600'
GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

DISSOLVED CHROMIUM ISOCONCENTRATION MAP SPRING 2023

ARCADIS

FIGURE 6

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PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/26/2024 10:45 PM BY: R, ANITA
XREFS IMAGES
IMAGES

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (0.0667/0.069) TOTAL CHROMIUM CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- TOTAL CHROMIUM ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)
  - >0.05
  - >0.5
  - >2
- J THE TARGET ANALYTE WAS POSITIVELY IDENTIFIED BELOW THE QUANTITATION LIMIT AND ABOVE THE DETECTION LIMIT
- <0.00400 NOT DETECTED ABOVE REPORTING LIMIT
- NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
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3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED OCTOBER 3 THROUGH 6, 2023.
6. ONLY DATA COLLECTED IN 2023 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

CONTINENTAL ROAD
6th STREET
MAIN STREET (STATE LOOP 207)
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET

N

0 300' 600'
GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

DISSOLVED CHROMIUM ISOCONCENTRATION MAP FALL 2023

ARCADIS

FIGURE 7

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PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/27/2024 11:38 AM BY: R, ANITA
XREFS:
IMAGES:
Aerial-XD-20230101T000000Z.jpg

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE

(2.94/3.19) HEXAVALENT CHROMIUM CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)

HEXAVALENT CHROMIUM ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)

>0.05 >0.5 >2

J THE TARGET ANALYTE WAS POSITIVELY IDENTIFIED BELOW THE QUANTITATION LIMIT AND ABOVE THE DETECTION LIMIT

<0.0100 NOT DETECTED ABOVE REPORTING LIMIT

NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED FEBRUARY 22 THROUGH 24 AND 27, 2023.
6. ONLY DATA COLLECTED IN 2023 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

CONTINENTAL ROAD

6th STREET

NORTH 20th STREET

AVENUE "R"

AVENUE "Q"

AVENUE "P"

AVENUE "O" (STATE HIGHWAY NO. 8)

20th STREET

19th STREET

18th STREET

17th STREET

16th STREET

15th STREET

MAIN STREET (STATE LOOP 207)

N

0 300' 600'

GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

DISSOLVED HEXAVALENT CHROMIUM ISOCONCENTRATION MAP SPRING 2023

ARCADIS

FIGURE 8

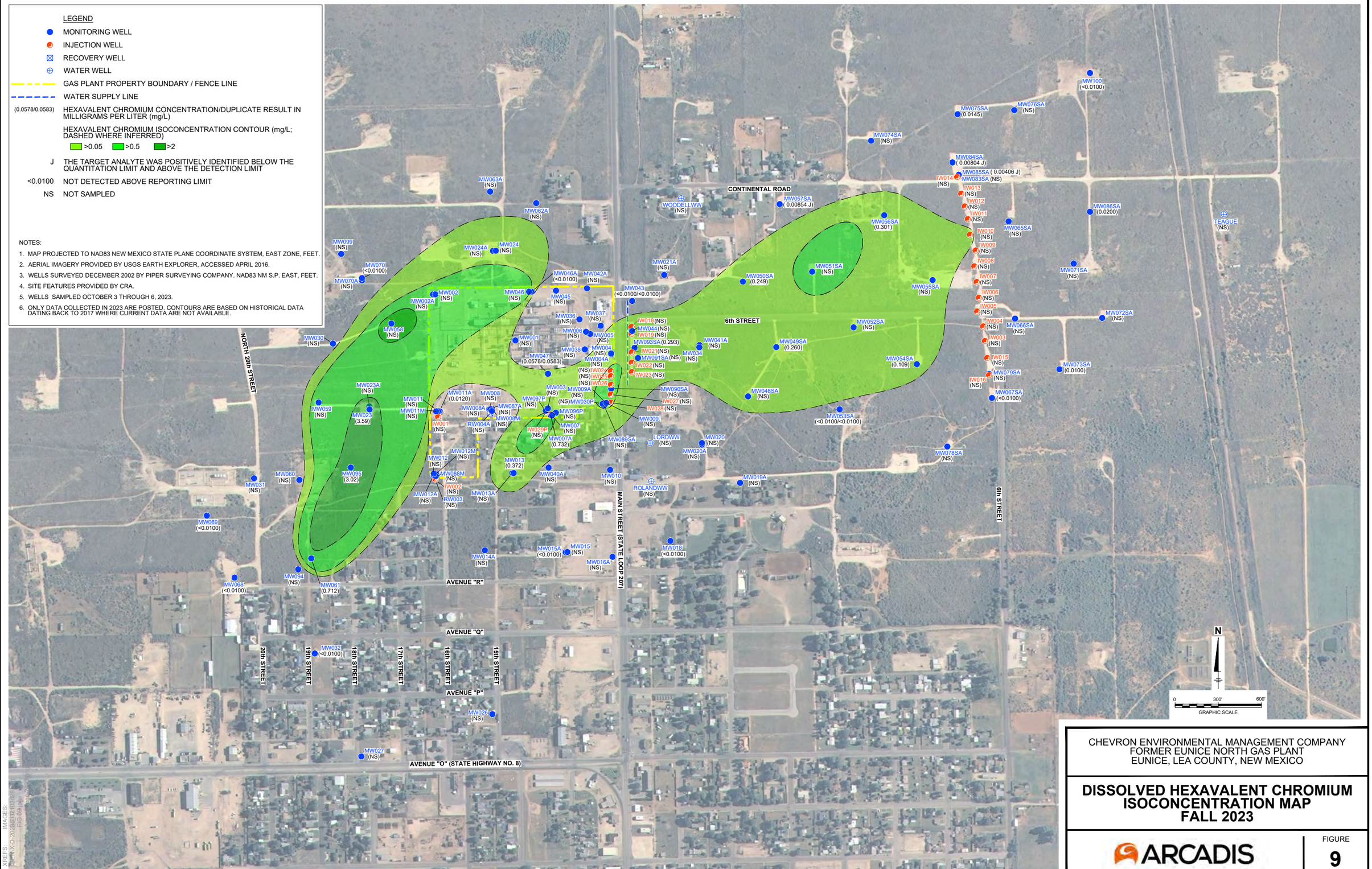
C:\Users\ari00071\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023Q1-F08-HEXAVALENT SPRING.dwg LAYOUT: 8 SAVED: 2/26/2024 11:04 PM ACADVER: 24.2S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/28/2024 11:03 PM BY: R, ANITA
XREFS: IMAGES:
Aerial-XD-2023-01-01.tif
FIG 08.jpg

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (0.0578/0.0583) HEXAVALENT CHROMIUM CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- HEXAVALENT CHROMIUM ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)
  - >0.05
  - >0.5
  - >2
- J THE TARGET ANALYTE WAS POSITIVELY IDENTIFIED BELOW THE QUANTITATION LIMIT AND ABOVE THE DETECTION LIMIT
- <0.0100 NOT DETECTED ABOVE REPORTING LIMIT
- NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED OCTOBER 3 THROUGH 6, 2023.
6. ONLY DATA COLLECTED IN 2023 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.



CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

DISSOLVED HEXAVALENT CHROMIUM ISOCONCENTRATION MAP FALL 2023

ARCADIS

FIGURE 9

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PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/27/2024 11:37 AM BY: R, ANITA
XREFS:
IMAGES:
Aerial-XD-2023Q1-2023Q2.tif
FIG 09.jpg

APPENDIX A

Site Background Information

Appendix A – Site Background Information

SITE AND REGULATORY BACKGROUND INFORMATION

The Site was originally constructed in the 1940s by Skelly Oil Company and attained by Texaco Exploration and Production, Inc. It was operated as a turbo expander-type natural gas processing plant for the extraction of natural gas liquids until the 1980s when operations were halted. Various structures remain on site including compressors, a compressor building, a cooling tower, former office buildings, aboveground storage tanks, sumps, and piping. On July 1, 1998, operations were transferred to Versado Gas Processors, LLC, a limited liability partnership originally between Chevron and Dynegy Midstream Services (Dynegy). Dynegy was subsequently purchased by Targa, and Chevron divested its interest to Targa in 2016. The plant is currently owned and operated solely by Targa.

In April 1980, the New Mexico Energy and Minerals Department, Oil Conservation Division (NMOCD) requested a discharge plan to cover all effluent discharges at the Site. The original discharge plan (GW-004) was approved by the NMOCD in March 1981 for 5 years and has been continuously renewed every 5 years. The most recent application was approved by the NMOCD on January 11, 2012 (Attachment 1). CEMC submitted a renewal application to the NMOCD on November 11, 2015; however, approval has not yet been received.

Several investigations were conducted between 1996 and 2003 and identified four constituents of concern (COCs) on site: dissolved total and hexavalent chromium, dissolved petroleum hydrocarbons, and total dissolved solids (TDS) represented by chloride. Arsenic, iron, and manganese are also included in the groundwater monitoring requirements set forth by the discharge permit and have been analyzed since 2004.

SAMPLING METHODOLOGY

NMOCD provided approval of CEMC's request for modification of sampling parameters in October 2015, resulting in a subset of six wells sampled and analyzed for BTEX, GRO and DRO during each event.

Prior to 2016, groundwater sampling was completed using low-flow methodology. In April 2016, CEMC submitted a request to change the sample method to no-purge sampling using a HydraSleeve™ (HS). This change was approved by the NMOCD via email on March 25, 2016. Following the approved sampling methodology change, Arcadis submitted a 2017 Sampling and Analysis Plan (2017 SAP; Arcadis 2017) to the NMOCD on March 9, 2017.

Appendix A – Site Background Information

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ATTACHMENT 1

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DISCHARGE PERMIT GW-004

1. GENERAL PROVISIONS:

A. PERMITTEE AND PERMITTED FACILITY: The Oil Conservation Division (OCD) of the Energy, Minerals and Natural Resources Department issues Discharge Permit GW-004 (Discharge Permit) to Chevron U.S.A., Inc. (Owner/Operator), located at 1400 Smith Street, Houston, Texas 77002 to abate ground water and vadose zone contamination at its Eunice North Gas Plant (Facility) located at State Highway 207 (Eunice-Hobbs Highway) Eunice, New Mexico 88231 in the NE/4 of the SE/4 of Section 28, Township 21 South, Range 37 East, NMPM, Lea County, New Mexico.

As a result of historical operations at the site, Chevron is proposing to remediate chromium contaminated ground water by injecting 5 percent solution of sodium dithionite and/or a 10 percent soy lactate solution in injection wells to remediate contaminated ground water. Chevron will mix 2800 gallons fresh water with a five percent solution of sodium dithionite and/or mix 2800 gallons fresh water with ten percent soy lactate solution to generate a solution which will then be discharged into the Ogallala aquifer. The ground water will be sampled to determine the effectiveness of the discharged solution to remediate the chromium contamination. The depth to ground water in the Ogallala aquifer is 37 to 73 feet below the surface and the background total dissolved solids concentration is approximately 1,200 mg/L. The discharge plan specifies that Chevron will remediate contaminated ground at the site to meet the standards specified in the Water Quality Control Commission regulations (20.6.2.3103 NMAC).

B. SCOPE OF PERMIT: OCD has been granted authority to administer the Water Quality Act (Chapter 74, Article 6 NMSA 1978) as it applies to gas processing plants by statute and by delegation from the Water Quality Control Commission pursuant to Section 74-6-4(E) NMSA 1978.

The Water Quality Act and the rules issued under that Act protect ground water and surface water of the State of New Mexico by providing that, unless otherwise allowed by rule, no person shall cause or allow effluent or leachate to discharge so that it may move directly or indirectly into ground water unless such discharge is pursuant to an approved discharge plan. See 20.6.2.3104 NMAC and 20.6.2.3106 NMAC.

This Discharge Permit does not authorize any treatment of, or on-site disposal of, any materials, product, by-product, or oil field waste, including, but not limited to, the on-site disposal of lube oil, glycol, antifreeze, filters, elemental sulfur, washdown water, contaminated soil, and cooling tower blowdown water.

This Discharge Permit does not convey any property rights of any sort nor any exclusive privilege, and does not authorize any injury to persons or property, any invasion of other private rights, or any infringement of state, federal, or local laws, rules or regulations.

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The Owner/Operator shall operate in accordance with the Discharge Permit conditions to comply with the Water Quality Act and the rules issued pursuant to that Act, so that neither a hazard to public health nor undue risk to property will result (see 20.6.2.3109C NMAC); so that no discharge will cause or may cause any stream standard to be violated (see 20.6.2.3109H(2) NMAC); so that no discharge of any water contaminant will result in a hazard to public health, (see 20.6.2.3109H(3) NMAC); and so that the numerical standards specified of 20.6.2.3103 NMAC are not exceeded.

The Owner/Operator shall not allow or cause water pollution, discharge, or release of any water contaminant that exceeds the Water Quality Control Commission (WQCC) standards specified at 20.6.2.3101 NMAC and 20.6.2.3103 NMAC or 20.6.4 NMAC (Water Quality Standards for Interstate and Intrastate Streams).

C. DISCHARGE PERMIT CONDITIONS: By signing this Discharge Permit, the Owner/Operator agrees to the specific provisions set out in this document, and the commitments made in the approved Discharge Plan Application and the attachments to that application, which are incorporated into the Discharge Permit by reference.

If this Discharge Permit is a permit renewal, it replaces the permit being renewed. Replacement of a prior permit does not relieve the Owner/Operator of its responsibility to comply with the terms of that prior permit while that permit was in effect.

D. DEFINITIONS: Terms not specifically defined in this Discharge Permit shall have the same meanings as those in the Water Quality Act or the rules adopted pursuant to that Act, as the context requires.

E. FILING FEES AND PERMIT FEES: Pursuant to 20.6.2.3114 NMAC, every facility that submits a discharge permit application for initial approval or renewal shall pay the permit fees specified in Table 1 and the filing fee specified in Table 2 of 20.6.2.3114 NMAC. OCD has already received the required $100.00 filing fee for this application. The flat fee for "Abatement of Ground Water and Vadose Zone Contamination at Oil and Gas Sites" is $2,600.00. The Owner/Operator shall submit this amount along with the signed Discharge Permit. Checks should be payable to the **"New Mexico Water Quality Management Fund,"** not the Oil Conservation Division.

F. EFFECTIVE DATE, EXPIRATION, RENEWAL CONDITIONS, AND PENALTIES FOR OPERATING WITHOUT A DISCHARGE PERMIT: This Discharge Permit is effective when the Division's Environmental Bureau receives the signed Discharge Permit from the Owner/Operator and the $2,600.00 fee. This Discharge Permit will expire on March 16, 2016. The Owner/Operator shall submit an application for renewal no later than 120 calendar days before that expiration date, pursuant to 20.6.2.3106F NMAC. If an Owner/Operator submits a renewal application at least 120 calendar days before the Discharge Permit expires and is in compliance with the approved Discharge Permit, then the existing Discharge Permit will not expire until OCD has approved or disapproved the renewal application. Operating with an expired Discharge Permit may subject the Owner/Operator to

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civil and/or criminal penalties. See Section 74-6-10.1 NMSA 1978 and Section 74-6-10.2 NMSA 1978.

G. MODIFICATIONS: The Owner/Operator shall notify the Division's Environmental Bureau of any facility expansion, production increase, or process modification that would result in any significant modification in the discharge of water contaminants. See 20.6.2.3107C NMAC. The Division's Environmental Bureau may require the Owner/Operator to submit a permit modification pursuant to 20.6.2.3109E NMAC and may modify or terminate a permit pursuant to Section 74-6-5(M) through (N) NMSA 1978.

H. TRANSFER OF DISCHARGE PERMIT: Prior to any transfer of ownership, control, or possession (whether by lease, conveyance or otherwise) of the Facility, the transferor shall notify the transferee in writing of the existence of the Discharge Permit, and shall deliver or send by certified mail to the Division's Environmental Bureau a copy of such written notification, together with a certification or other proof that such notification has been received by the transferee pursuant to 20.6.2.3111 NMAC. Upon receipt of such notification, the transferee shall inquire into all of the provisions and requirements contained in the Discharge Permit, and the transferee shall be charged with notice of all such provisions and requirements as they appear of record in the Division's file or files concerning the Discharge Permit. Upon assuming either ownership or possession of the Facility the transferee shall have the same rights and responsibilities under the Discharge Permit as were applicable to the transferor. See 20.6.2.3111 NMAC.

Transfer of the ownership, control, or possession of the Facility does not relieve the transferor of responsibility or liability for any act or omission which occurred while the transferor owned, controlled, or was in possession of the Facility. See 20.6.2.3111E NMAC.

I. CLOSURE PLAN AND FINANCIAL ASSURANCE: The Owner/Operator shall notify the Division's Environmental Bureau in writing when any operations of its Facility are to be discontinued for a period in excess of six months. Upon review of the Owner/Operator's notice, the Division's Environmental Bureau will determine whether to modify this permit pursuant to 20.6.2.3107 NMAC and 20.6.2.3109E NMAC or to require the Owner/Operator to submit a closure plan and/or post-closure plan, including financial assurance.

J. COMPLIANCE AND ENFORCEMENT: If the Owner/Operator violates or is violating a condition of this Discharge Permit, the Division's Environmental Bureau may issue a compliance order requiring compliance immediately or within a specified time period, suspending or terminating this Discharge Permit, and/or assessing a civil penalty. See Section 74-6-10 NMSA 1978. The Division's Environmental Bureau may also commence a civil action in district court for appropriate relief, including injunctive relief. See Section 74-6-10(A)(2) NMSA 1978 and Section 74-6-11 NMSA 1978. The Owner/Operator may be subject to criminal penalties for discharging a water contaminant without a discharge permit or in violation of a condition of a discharge permit; making any false material statement, representation, certification or omission of material fact in an application, record, report, plan or other document filed, submitted or required to be maintained under the Water Quality Act; falsifying, tampering with

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or rendering inaccurate any monitoring device, method or record required to be maintained under the Water Quality Act; or failing to monitor, sample or report as required by a permit issued pursuant to a state or federal law or regulation. See Section 74-6-10.2 NMSA 1978.

2. GENERAL FACILITY OPERATIONS:

A. OPERATIONAL MONITORING: The Owner/Operator shall comply with its approved monitoring programs pursuant 20.6.2.3107 NMAC.

1. Ground Water Monitoring System: The Owner/Operator shall monitor and sample all ground water monitor wells in accordance with its approved ground water abatement program, including the monitor wells for the hydrocarbon plume, the chloride plume, and the chromium plume.

2. Installation of Monitor Wells Near Injection Wells IW023 and IW024:

a. The Owner/Operator shall install three monitor wells near Injection Well IW023 and three monitor wells near Injection Well IW024 in accordance with its renewal application of December 6, 2010.

b. The Owner/Operator shall monitor the near monitor wells to determine whether it has achieved its primary objectives as specified in its renewal application of December 6, 2010.

3. Dithionite Injection Pilot Study Monitoring

a. Field Monitoring: During the injection, the Owner/Operator shall monitor the three monitoring wells hourly for pH, DO, ORP, conductivity, and temperature.

b. Post-Injection Monitoring and Sampling: The Owner/Operator shall sample the three monitor wells and IW023 monthly for 3 months after the injection, using the injection and monitoring wells, to evaluate the effectiveness of the sodium dithionite treatment. Ground water samples will be collected and analyzed for total and hexavalent chromium, bromide, sulfate, sulfide, total organic carbon, sodium, total and dissolved iron, and field parameters (pH, temperature, conductivity, DO and ORP).

4. Biodegradation Pilot Study

a. Baseline Sampling: Prior to the injection of a soy-lactate solution, the Owner/Operator shall sample and analyze IW023 and the three monitoring wells for total and hexavalent chromium, sulfate, sulfide, ammonia-nitrogen, orthophosphate-phosphorus, total anaerobic microbial counts, total organic carbon, total and dissolved iron, and field parameters (pH, temperature, conductivity, DO, and ORP).

b. Field Monitoring: During the injection, the Owner/Operator shall monitor the three monitor wells hourly for pH, DO, ORP, conductivity, and temperature.

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c. Post -Injection Monitoring and Sampling: The Owner/Operator shall sample the IW024 and the three monitoring wells to evaluate the treatment effectiveness. Ground water samples will be collected for successive quarters after the injection event and analyzed for total and hexavalent chromium, sulfate, sulfide, ammonia -nitrogen, orthophosphate - phosphorus, total anaerobic microbial counts, total organic carbon, total and dissolved iron, and field parameters (pH, temperature, conductivity, DO, and ORP).

B. CONTINGENCY PLANS: The Owner/Operator shall implement its approved Contingency Plans to cope with failure of the discharge permit or system in accordance with Permit Condition 2.F.

C. CLOSURE PLAN: After completing abatement of all ground water and vadose contamination required under Permit Condition 2.G, the Owner/Operator shall perform the following closure measures:

1. Remove or plug all lines leading to and from ground water recovery or injection wells so that a discharge can no longer occur.

2. Remove all abatement system components from the site, if applicable.

3. After receiving notification from the Division's Environmental Bureau that post-closure monitoring may cease, the Owner/Operator shall plug and abandon its monitor well(s).

D. RECORD KEEPING: The Owner/Operator shall maintain records of all inspections required by this Discharge Permit at its local office located at 240 Avenue O, Eunice, NM 88231 for a minimum of five years and shall make those records available for inspection by the Division's Environmental Bureau.

E. RELEASE REPORTING: The Owner/Operator shall comply with the following permit conditions, pursuant to 20.6.2.1203 NMAC, if it determines that a release of oil or other water contaminant, in such quantity as may with reasonable probability injure or be detrimental to human health, animal or plant life, or property, or unreasonably interfere with the public welfare or the use of property, has occurred. The Owner/Operator shall report unauthorized releases of water contaminants in accordance with any additional commitments made in its approved Contingency Plan. If the Owner/Operator determines that any constituent exceeds the standards specified at 20.6.2.3103 NMAC, then it shall report a release to the Division's Environmental Bureau.

1. Oral Notification: As soon as possible after learning of such a discharge, but in no event more than twenty-four (24) hours thereafter, the Owner/Operator shall orally notify the Division's Environmental Bureau. The Owner/Operator shall provide the following:

- the name, address, and telephone number of the person or persons in charge of the facility, as well as of the Owner/Operator of the facility;
- the name and location of the facility;

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- the date, time, location, and duration of the discharge;
- the source and cause of discharge;
- a description of the discharge, including its chemical composition;
- the estimated volume of the discharge; and,
- any actions taken to mitigate immediate damage from the discharge.

2. **Written Notification:** Within one week after the Owner/Operator has learned of the discharge, the Owner/Operator shall send written notification to the Division's Environmental Bureau verifying the prior oral notification as to each of the foregoing items and providing any appropriate additions or corrections to the information contained in the prior oral notification.

F. ABATEMENT PLAN: Pursuant to 20.6.2.4105A(6) NMAC, an Owner/Operator is exempt from the requirement to obtain and implement an Abatement Plan, as required in 20.6.2.4104 NMAC. However, an Owner/Operator's Discharge Permit must address abatement of contaminated ground water and be consistent with the requirements and provisions of Sections 20.6.2.4101, 20.6.2.4103, Subsections C and E of Section 20.6.2.4106, Sections 20.6.2.4107 and 20.6.2.4112 NMAC.

1. **Purpose of Abatement Plan:** The Owner/Operator shall abate polluted ground water so as to either remediate or protect the ground water for use as domestic and agricultural water supply.

2. **Abatement Standards and Requirements:** The Owner/Operator shall abate the vadose zone so that water contaminants in the vadose zone shall not contaminate ground water or surface water, through leaching, percolation or as the water table elevation fluctuates. The Owner/Operator, where the Total Dissolved Solids concentration is 10,000 mg/L or less, shall abate contaminated ground water so that toxic pollutant(s), as defined in 20.6.2.7WW NMAC, shall not be present and so that the standards of 20.6.2.3103 NMAC shall be met.

3. **Ground Water Abatement:** The Owner/Operator shall implement its approved ground water abatement program until it has remediated the contaminated ground water to meet the standards and requirements set forth in 20.6.2.4103 NMAC.

4. **Completion and Termination:** Pursuant to 20.6.2.4112 NMAC, abatement shall be considered complete when the standards and requirements specified in 20.6.2.4103 NMAC are met. At that time, the Owner/Operator shall submit an abatement completion report, documenting compliance with the standards and requirements set forth in 20.6.2.4103 NMAC and this Discharge Permit, to Division's Environmental Bureau for approval. The abatement completion report also shall propose any changes to long term monitoring and site maintenance activities, if needed, to be performed after termination of the abatement plan.

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G. OTHER REQUIREMENTS:

1. **Inspection and Entry:** Pursuant to 20.6.2.4107A NMAC, the Owner/Operator shall allow the Division's Environmental Bureau, upon the presentation of proper credentials, to:

- enter the facility at reasonable times;
- inspect and copy records required by this discharge permit;
- inspect any treatment works, monitoring, and analytical equipment;
- sample any wastes, ground water, surface water, stream sediment, plants, animals, or vadose-zone material including vadose-zone vapor;
- use the Owner/Operator's monitoring systems and wells in order to collect samples; and
- gain access to off-site property not owned or controlled by the Owner/Operator, but accessible to the Owner/Operator through a third-party access agreement, provided that it is allowed by the agreement.

2. **Advance Notice:** Pursuant to 20.6.2.4107B NMAC, The Owner/Operator shall provide the Division's Environmental Bureau with at least four (4) working days advance notice of any sampling to be performed pursuant to this Discharge Permit, or any well plugging, abandonment or destruction at the facility site.

3. **Plugging and Abandonment:** Pursuant to 20.6.2.4107C NMAC, the Owner/Operator shall request by certified mail, approval by the Division's Environmental Bureau to plug and abandon a monitor well, unless such approval is required from the State Engineer. The proposed action shall be designed to prevent water pollution that could result from water contaminants migrating through the well or borehole. The proposed action shall not take place without written approval from the Division's Environmental Bureau, unless written approval or disapproval is not received by the Owner/Operator within thirty (30) days of the date of receipt of the proposal.

H. ANNUAL REPORT: The Owner/Operator shall submit its annual report for each calendar year pursuant to 20.6.2.3107 NMAC to the Division's Environmental Bureau by March 15th of the following year. The annual report shall include the following:

1. Results of its ground water monitoring program; including:

- summary tables listing laboratory analytic results of all ground water and soil samples. Any WQCC constituent found to exceed the groundwater standard shall be highlighted and noted in the annual report. Copies of the most recent year's laboratory analytical data sheets shall also be submitted.
- annual water table potentiometric maps. A corrected water table elevation shall be determined for all wells containing non-aqueous phase liquids. These maps shall show well locations, pertinent site features, and the direction and magnitude of the hydraulic gradient.
- semi-annual isopleth maps for the following constituents: non-aqueous phase liquids; chlorides; chromium; and, BTEX.

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- semi-annual geologic cross-sections (both dip and strike), using the geologic/lithologic logs from the monitor, recovery, and injection wells, depicting the concentrations for the following constituents: non-aqueous phase liquids; chlorides; chromium; and, BTEX.
- estimate or measure of the volume of the solutions discharged during each quarter and the total volume discharged to date.

2. Summary of any releases and corrective actions taken in accordance with its approved Contingency Plan.

3. CLASS V WELLS: Pursuant to 20.6.2.5002B NMAC, leach fields and other wastewater disposal systems at Division-regulated facilities that inject non-hazardous fluid into or above an underground source of drinking water are UIC Class V injection wells, including ground water management wells. This Discharge Permit does not authorize the use of a Class V injection well for the disposal of industrial waste at the Facility. Pursuant to 20.6.2.5005 NMAC, the Owner/Operator shall close any Class V industrial waste injection wells at its Facility that inject non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes (*e.g.,* septic systems, leach fields, dry wells, *etc.*) other than the injection remediation wells within 90 calendar days of the issuance of this Discharge Permit. The Owner/Operator shall document the closure of any Class V wells used for the disposal of non-hazardous industrial wastes or a mixture of industrial wastes and domestic wastes other than contaminated ground water in its Annual Report.

Other Class V wells, including wells used only for the injection of domestic wastes, must be permitted by the New Mexico Environment Department.

4. SCHEDULE OF COMPLIANCE:

A. PERMIT CERTIFICATION: The Owner/Operator shall sign and return this Permit to the Division's Environmental Bureau within 45 days of its receipt of this Permit.

B. SUBMISSION OF THE PERMIT FEES: As specified in Permit Condition 1.F, the Owner/Operator shall submit the fee of $2,600.00 along with the signed Discharge Permit within 45 days of the receipt of the Discharge Permit. Checks should be payable to the **"New Mexico Water Quality Management Fund,"** not the Oil Conservation Division.

C. ANNUAL REPORT: As specified in Permit Condition 2.H, the Owner/Operator shall submit its annual report to the Division's Environmental Bureau by March 15th of the following year.

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5. CERTIFICATION: (OWNER/OPERATOR) by the officer whose signature appears below, acknowledges receipt of this Discharge Permit, and has reviewed its terms and conditions.

Chevron U.S.A. Inc
Company Name - print name

Robert A. Gulder
Company Representative - print name

Company Representative - Signature

Title: Manager OE/HBS

Date: 01/23/2012

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APPENDIX B

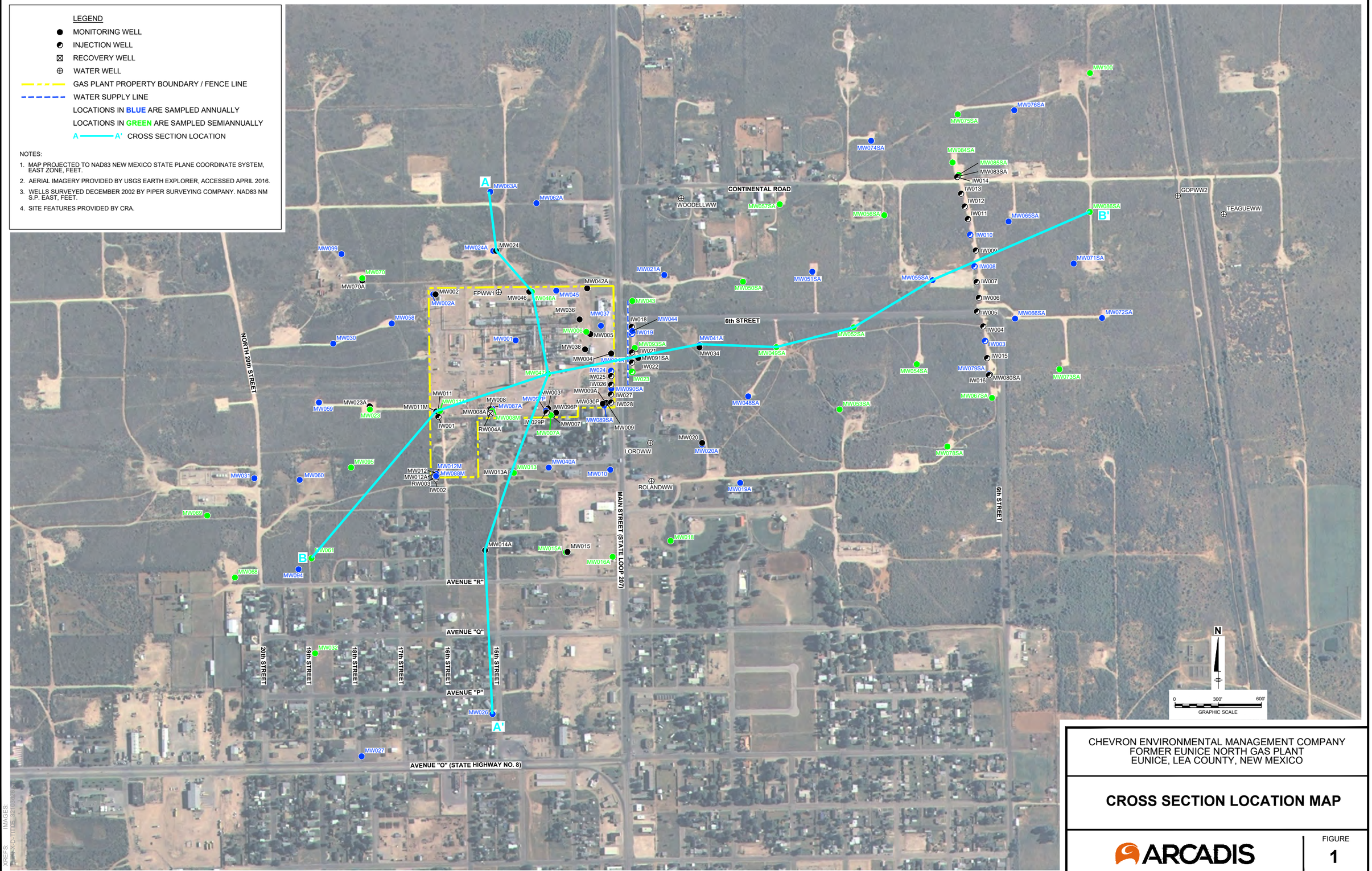
Geologic Cross Sections

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- LOCATIONS IN **BLUE** ARE SAMPLED ANNUALLY
- LOCATIONS IN **GREEN** ARE SAMPLED SEMIANNUALLY
- A —— A' CROSS SECTION LOCATION

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.



CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

CROSS SECTION LOCATION MAP

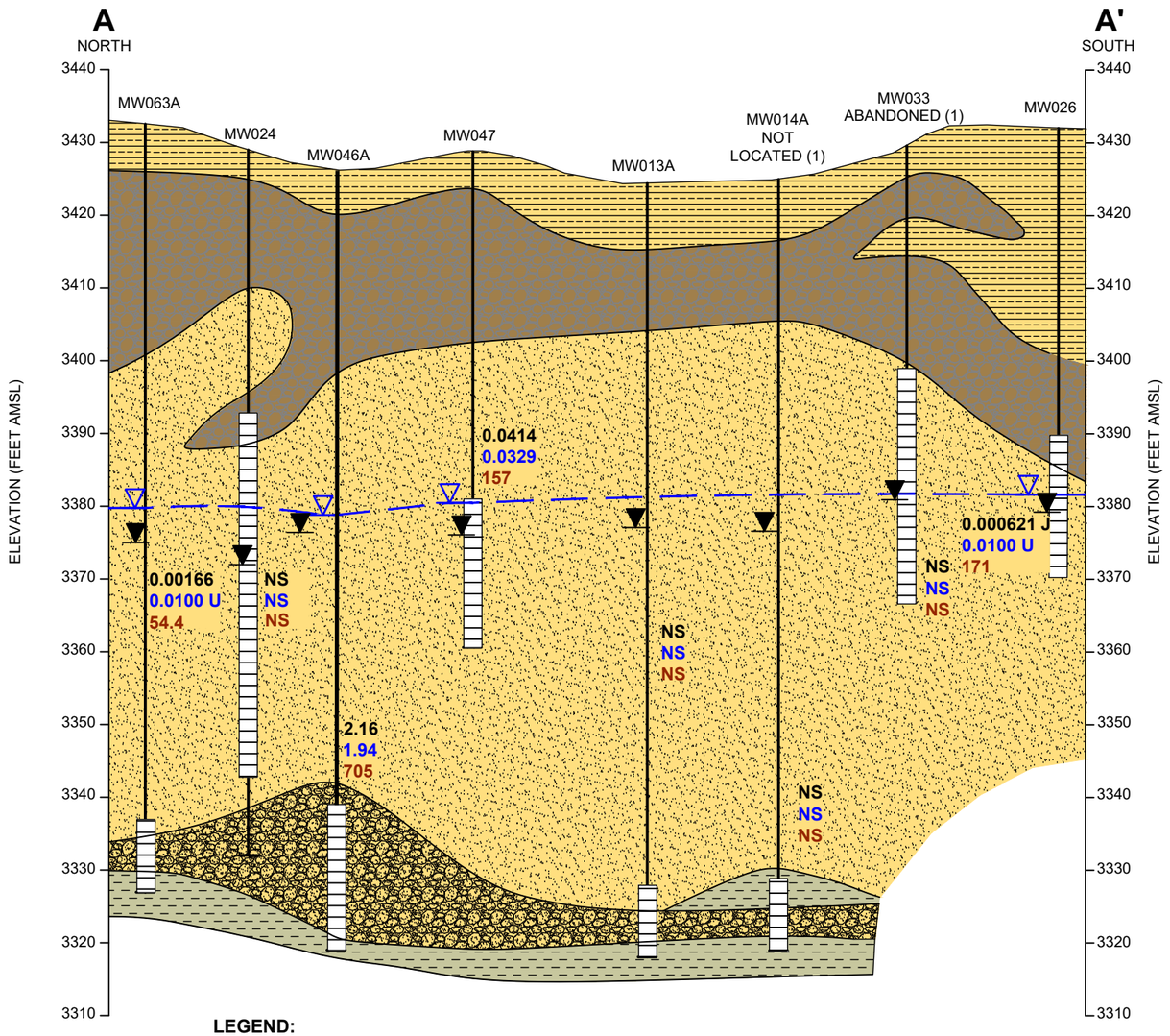
ARCADIS

FIGURE 1

DW GROUP: ENVCAD
C:\Users\jjadhav8954\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2022\01-In Progress\01-DWG\GEN-F02-SITE MAP.dwg LAYOUT: 2 SAVED: 1/19/2022 5:42 PM ACADVER: 23.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ----
PLOTTED: 1/19/2022 5:48 PM BY: JADHAV, PRAJAKTA
XREFS:
IMAGES:
Name: XD-TITLE_32108x24

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CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:(B.ALTOM) LD:(C.SMITH) PIC:(M.FLEISCHNER) PM:(L.MINER) TM:(J.FRIZZELL)
C:\Users\b0077170\DOCUMENTS\ACCDOCS\ARCADIS-US\PROJECTS\30049099-CHEVRON-FORMER EUNICE NORTH GAS_EUNICE_NM_bagged\Project Files\10_WIP\10T_ARC_ENV\202401\DWG\GEN-FAA_ AND BB_-CROSS SECTION_1.dwg LAYOUT: A-A' SAVED: 2/28/2024 11:24 PM ACADVER: 24.2S (LMS TECH)
PAGESETUP: -- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/29/2024 12:37 PM BY: R. ANITA



LEGEND:

MW063A — WELL/BORING ID

APPROXIMATE GROUND SURFACE

LITHOLOGIC CONTACT

WATER LEVEL (SPRING 2023)

WATER LEVEL ENCOUNTERED AFTER DRILLING

WELL SCREEN

WELL/BORING BOTTOM

- CLAY
- CALICHE
- INTERBEDDED SAND AND SANDSTONE
- SILTY, CLAYEY SAND
- SANDY GRAVEL

0.465	SPRING 2023 DISSOLVED TOTAL CHROMIUM CONCENTRATION (mg/L)
0.469	SPRING 2023 DISSOLVED HEXAVALENT CHROMIUM CONCENTRATION (mg/L)
879	SPRING 2023 CHLORIDE CONCENTRATION (mg/L)
NS	NOT SAMPLED IN 2023
J	ESTIMATED VALUE
U	NON-DETECT
(1)	WATER LEVEL IS ESTIMATED

0 20' 40'
APPROXIMATE VERTICAL SCALE

0 600' 1,200'
APPROXIMATE HORIZONTAL SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

GEOLOGIC CROSS-SECTION A-A'

ARCADIS

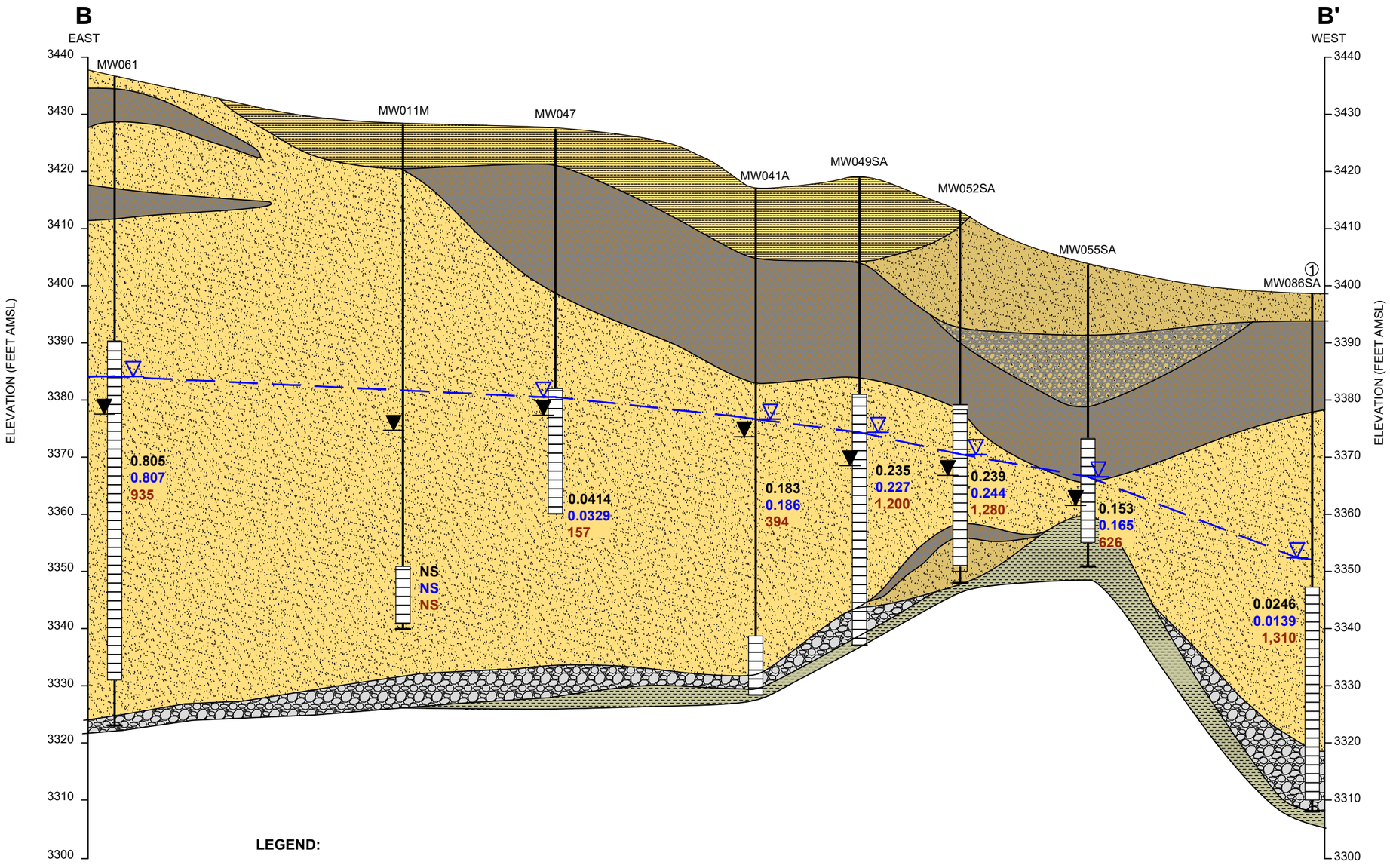
FIGURE
A-A'

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CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:(B.ALTOM) LD:(C.SMITH) PIC:(M.FLEISCHNER) PM:(L.MINER) TM:(J.FRIZZELL)
C:\Users\arl00071\DCACCDocs\Arcadis ACC.US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugge\Project Files\10_WIP\10T_ARC_ENV\202401\DWG\GEN-FAA_AND BB_-CROSS SECTION_1.dwg LAYOUT: B-B SAVED: 2/28/2024 11:24 PM ACADVER: 24.2S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 2/29/2024 12:37 PM BY: R. ANITA



LEGEND:

- MW063A — WELL/BORING ID
- APPROXIMATE GROUND SURFACE
- LITHOLOGIC CONTACT
- WATER LEVEL (SPRING 2023)
- WATER LEVEL ENCOUNTERED AFTER DRILLING
- WELL SCREEN
- WELL/BORING BOTTOM

- CALICHE
- CLAY
- SAND
- INTERBEDDED SAND AND SANDSTONE
- CLAYEY SAND
- GRAVEL
- SAND WITH CALICHE

0.0246	SPRING 2023 DISSOLVED TOTAL CHROMIUM CONCENTRATION (mg/L)
0.0139	SPRING 2023 DISSOLVED HEXAVALENT CHROMIUM CONCENTRATION (mg/L)
1,310	SPRING 2023 CHLORIDE CONCENTRATION (mg/L)
NS	NOT SAMPLED IN 2023
①	ESTIMATED GROUND SURFACE ELEVATION
J	ESTIMATED VALUE

0 20’ 40’
APPROXIMATE VERTICAL SCALE

0 600’ 1,200’
APPROXIMATE HORIZONTAL SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

GEOLOGIC CROSS-SECTION B-B'

ARCADIS

FIGURE
B-B

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APPENDIX C

Historical Groundwater Elevations

Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
EPWW1	4/22/1997	3429.95	66.46	NM	NA	3363.49
EPWW1	12/18/1997	3429.95	73.12	NM	NA	3356.83
EPWW1	11/16/1999	3429.95	65.20	NM	NA	3364.75
EPWW1	5/15/2001	3429.95	52.27	NM	NA	3377.68
EPWW1	8/23/2001	3429.95	52.86	NM	NA	3377.09
EPWW1	1/21/2002	3429.95	52.67	NM	NA	3377.28
EPWW1	4/4/2002	3429.95	93.34	NM	NA	3336.61
EPWW1	9/3/2002	3429.95	50.85	NM	NA	3379.10
EPWW1	12/2/2002	3429.95	51.59	NM	NA	3378.36
EPWW1	1/31/2003	3429.95	52.20	NM	NA	3377.75
EPWW1	3/28/2003	3429.95	52.58	NM	NA	3377.37
EPWW1	5/19/2003	3429.95	52.26	NM	NA	3377.69
EPWW1	9/9/2003	3429.95	94.08	NM	NA	3335.87
EPWW1	12/3/2003	3429.95	94.07	NM	NA	3335.88
EPWW1	3/30/2004	3429.95	86.62	NM	NA	3343.33
EPWW1	6/7/2004	3429.95	77.45	NM	NA	3352.50
EPWW1	9/17/2004	3429.95	52.22	NM	NA	3377.73
EPWW1	11/30/2004	3429.95	57.80	NM	NA	3372.15
EPWW1	3/31/2005	3429.95	51.39	NM	NA	3378.56
EPWW1	5/23/2005	3429.95	51.16	NM	NA	3378.79
EPWW1	3/1/2010	3429.95	0.00	NM	NA	3429.95
GOPWW2	1/1/2000	3396.97	49.02	NM	NA	3347.95
GOPWW2	12/4/2002	3396.97	49.54	NM	NA	3347.43
GOPWW2	1/31/2003	3396.97	49.42	NM	NA	3347.55
GOPWW2	3/28/2003	3396.97	49.14	NM	NA	3347.83
GOPWW2	5/19/2003	3396.97	49.21	NM	NA	3347.76
GOPWW2	9/9/2003	3396.97	49.37	NM	NA	3347.60
GOPWW2	12/2/2003	3396.97	49.71	NM	NA	3347.26
GOPWW2	3/30/2004	3396.97	49.54	NM	NA	3347.43
GOPWW2	6/7/2004	3396.97	49.31	NM	NA	3347.66
GOPWW2	9/14/2004	3396.97	49.45	NM	NA	3347.52
GOPWW2	11/29/2004	3396.97	49.22	NM	NA	3347.75
GOPWW2	3/31/2005	3396.97	48.81	NM	NA	3348.16
GOPWW2	5/23/2005	3396.67	48.52	NM	NA	3348.15
GOPWW2	1/18/2006	3396.67	48.00	NM	NA	3348.67
GOPWW2	6/23/2006	3396.67	47.65	NM	NA	3349.02
GOPWW2	4/23/2007	3396.67	47.15	NM	NA	3349.52
GOPWW2	9/10/2007	3396.67	46.70	NM	NA	3349.97
GOPWW2	3/21/2008	3396.67	46.46	NM	NA	3350.21
GOPWW2	8/4/2008	3396.67	46.47	NM	NA	3350.20
GOPWW2	3/10/2009	3396.67	46.59	NM	NA	3350.08
GOPWW2	7/28/2009	3396.67	46.44	NM	NA	3350.23
GOPWW2	3/1/2010	3396.67	46.51	NM	NA	3350.16
GOPWW2	7/30/2010	3396.67	53.94	NM	NA	3342.73
GOPWW2	5/4/2011	3396.67	46.69	NM	NA	3349.98
GOPWW2	11/2/2011	3396.67	47.06	NM	NA	3349.61
GOPWW2	5/1/2012	3396.67	47.00	NM	NA	3349.67
GOPWW2	5/23/2013	3396.67	46.97	NM	NA	3349.70
IW001	8/1/2002	3431.91	53.19	NM	NA	3378.72
IW001	12/2/2002	3431.91	52.90	NM	NA	3379.01
IW001	1/30/2003	3431.91	52.85	NM	NA	3379.06
IW001	3/28/2003	3431.91	52.94	NM	NA	3378.97
IW001	5/19/2003	3431.91	50.91	NM	NA	3381.00
IW001	9/9/2003	3431.91	52.62	NM	NA	3379.29
IW001	12/3/2003	3431.91	53.03	NM	NA	3378.88
IW001	3/30/2004	3431.91	52.98	NM	NA	3378.93
IW001	6/7/2004	3431.91	53.93	NM	NA	3377.98
IW001	11/30/2004	3431.91	53.04	NM	NA	3378.87
IW001	3/31/2005	3431.91	53.62	NM	NA	3378.29
IW001	5/23/2005	3431.91	52.58	NM	NA	3379.33
IW001	1/18/2006	3431.91	49.50	NM	NA	3382.41
IW001	6/19/2006	3431.91	51.28	NM	NA	3380.63
IW001	4/16/2007	3431.91	48.85	NM	NA	3383.06
IW001	3/24/2008	3431.91	50.70	NM	NA	3381.21
IW001	3/10/2009	3431.91	48.98	NM	NA	3382.93
IW001	3/1/2010	3431.91	49.23	NM	NA	3382.68
IW001	8/3/2010	3431.91	49.23	NM	NA	3382.68
IW001	5/5/2011	3431.91	49.05	NM	NA	3382.86
IW001	11/2/2011	3431.91	47.28	NM	NA	3384.63
IW001	5/3/2012	3431.91	49.25	NM	NA	3382.66

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2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

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IW001	10/23/2012	3431.91	49.35	NM	NA	3382.56
IW001	5/2/2013	3431.91	50.51	NM	NA	3381.40
IW001	10/29/2013	3431.91	49.54	NM	NA	3382.37
IW001	5/5/2014	3431.91	49.64	NM	NA	3382.27
IW001	11/3/2014	3431.91	49.46	NM	NA	3382.45
IW001	5/6/2015	3431.91	49.17	NM	NA	3382.74
IW001	9/16/2015	3431.91	48.95	NM	NA	3382.96
IW001	11/2/2015	3431.91	49.05	NM	NA	3382.86
IW001	5/12/2016	3431.91	49.13	NM	NA	3382.78
IW001**	5/3/2017	3431.91	47.55	NM	NA	3384.36
IW002	9/3/2002	3430.33	53.14	NM	NA	3377.19
IW002	12/2/2002	3430.33	50.99	NM	NA	3379.34
IW002	1/30/2003	3430.33	50.88	NM	NA	3379.45
IW002	3/28/2003	3430.33	50.99	NM	NA	3379.34
IW002	5/19/2003	3430.33	50.88	NM	NA	3379.45
IW002	9/9/2003	3430.33	51.46	NM	NA	3378.87
IW002	12/3/2003	3430.33	50.94	NM	NA	3379.39
IW002	3/30/2004	3431.00	51.62	NM	NA	3379.38
IW002	6/7/2004	3431.00	51.61	NM	NA	3379.39
IW002	11/30/2004	3431.00	51.34	NM	NA	3379.66
IW002	3/31/2005	3431.00	51.54	NM	NA	3379.46
IW002	5/23/2005	3431.00	51.36	NM	NA	3379.64
IW002	1/18/2006	3431.00	47.48	NM	NA	3383.52
IW002	6/19/2006	3431.00	48.71	NM	NA	3382.29
IW002	4/11/2007	3431.00	47.05	NM	NA	3383.95
IW002	3/21/2008	3431.00	46.19	NM	NA	3384.81
IW002	3/10/2009	3431.00	46.99	NM	NA	3384.01
IW002	3/1/2010	3431.00	47.31	NM	NA	3383.69
IW002	8/3/2010	3431.00	46.30	NM	NA	3384.70
IW002	5/5/2011	3431.00	46.98	NM	NA	3384.02
IW002	11/2/2011	3430.33	50.86	NM	NA	3379.47
IW002	5/3/2012	3430.33	47.35	NM	NA	3382.98
IW002	10/24/2012	3430.33	47.42	NM	NA	3382.91
IW002	5/1/2013	3430.33	47.60	NM	NA	3382.73
IW002	10/29/2013	3430.33	44.41	NM	NA	3385.92
IW002	5/5/2014	3430.33	47.69	NM	NA	3382.64
IW002	11/3/2014	3430.33	48.78	NM	NA	3381.55
IW002	5/6/2015	3430.33	47.31	NM	NA	3383.02
IW002	9/16/2015	3430.33	47.04	NM	NA	3383.29
IW002	11/3/2015	3430.33	47.15	NM	NA	3383.18
IW002	5/9/2016	3430.33	47.01	NM	NA	3383.32
IW002	5/2/2017	3430.33	46.64	NM	NA	3383.69
IW003	12/16/2003	3406.68	45.47	NM	NA	3361.21
IW003	2/18/2004	3406.68	45.37	NM	NA	3361.31
IW003	3/30/2004	3406.68	45.37	NM	NA	3361.31
IW003	6/3/2004	3406.68	44.39	NM	NA	3362.29
IW003	11/29/2004	3406.68	45.95	NM	NA	3360.73
IW003	3/17/2005	3406.68	45.26	NM	NA	3361.42
IW003	5/23/2005	3406.68	45.10	NM	NA	3361.58
IW003	1/17/2006	3406.68	44.76	NM	NA	3361.92
IW003	6/16/2006	3406.68	44.77	NM	NA	3361.91
IW003	4/9/2007	3406.68	46.30	NM	NA	3360.38
IW003	3/21/2008	3406.68	44.71	NM	NA	3361.97
IW003	3/10/2009	3406.68	44.96	NM	NA	3361.72
IW003	3/1/2010	3406.68	45.19	NM	NA	3361.49
IW003	8/3/2010	3406.68	45.20	NM	NA	3361.48
IW003	5/5/2011	3406.68	45.29	NM	NA	3361.39
IW003	11/3/2011	3406.68	45.61	NM	NA	3361.07
IW003	5/2/2012	3406.68	45.37	NM	NA	3361.31
IW003	10/23/2012	3406.68	45.57	NM	NA	3361.11
IW003	4/29/2013	3406.68	45.43	NM	NA	3361.25
IW003	10/29/2013	3406.68	45.64	NM	NA	3361.04
IW003	5/5/2014	3406.68	45.51	NM	NA	3361.17
IW003	11/3/2014	3406.68	45.67	NM	NA	3361.01
IW003	5/5/2015	3406.68	45.30	NM	NA	3361.38
IW003	11/3/2015	3406.68	45.52	NM	NA	3361.16
IW003	5/10/2016	3406.68	45.02	NM	NA	3361.66
IW003	9/15/2016	3406.68	45.56	NM	NA	3361.12
IW003	5/2/2017	3406.68	44.98	NM	NA	3361.70
IW003	3/20/2018	3406.68	44.81	NM	NA	3361.87

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2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW003	4/9/2019	3406.68	44.18	NM	NA	3362.50
IW003	3/9/2020	3406.68	42.12	NM	NA	3364.56
IW003	3/8/2021	3406.68	45.37	NM	NA	3361.31
IW003	2/17/2022	3406.68	45.65	NM	NA	3361.03
IW003	2/20/2023	3406.68	45.59	NM	NA	3361.09
IW004	12/16/2003	3406.31	45.04	NM	NA	3361.27
IW004	2/18/2004	3406.31	44.95	NM	NA	3361.36
IW004	3/30/2004	3406.31	44.97	NM	NA	3361.34
IW004	6/7/2004	3406.31	45.99	NM	NA	3360.32
IW004	11/29/2004	3406.31	45.31	NM	NA	3361.00
IW004	3/17/2005	3406.31	44.83	NM	NA	3361.48
IW004	5/23/2005	3406.31	44.43	NM	NA	3361.88
IW004	1/17/2006	3406.31	44.52	NM	NA	3361.79
IW004	6/16/2006	3406.31	44.36	NM	NA	3361.95
IW004	4/9/2007	3406.31	44.15	NM	NA	3362.16
IW004	3/21/2008	3406.31	44.25	NM	NA	3362.06
IW004	3/10/2009	3406.31	44.44	NM	NA	3361.87
IW004	3/1/2010	3406.31	44.65	NM	NA	3361.66
IW004	8/3/2010	3406.31	44.75	NM	NA	3361.56
IW004	5/5/2011	3406.31	44.91	NM	NA	3361.40
IW004	11/3/2011	3406.31	45.14	NM	NA	3361.17
IW004	5/2/2012	3406.31	45.00	NM	NA	3361.31
IW004	10/23/2012	3406.31	46.16	NM	NA	3360.15
IW004	4/29/2013	3406.31	45.10	NM	NA	3361.21
IW004	10/29/2013	3406.31	45.31	NM	NA	3361.00
IW004	5/5/2014	3406.31	45.16	NM	NA	3361.15
IW004	11/3/2014	3406.31	45.30	NM	NA	3361.01
IW004	5/5/2015	3406.31	44.90	NM	NA	3361.41
IW004	11/3/2015	3406.31	45.03	NM	NA	3361.28
IW004	5/10/2016	3406.31	44.64	NM	NA	3361.67
IW004	9/15/2016	3406.31	45.05	NM	NA	3361.26
IW004	5/2/2017	3406.31	44.57	NM	NA	3361.74
IW005	12/16/2003	3405.36	45.85	NM	NA	3359.51
IW005	2/18/2004	3405.36	43.85	NM	NA	3361.51
IW005	3/30/2004	3405.36	43.84	NM	NA	3361.52
IW005	6/7/2004	3405.36	45.02	NM	NA	3360.34
IW005	11/29/2004	3405.36	44.52	NM	NA	3360.84
IW005	3/21/2005	3405.36	43.72	NM	NA	3361.64
IW005	5/23/2005	3405.36	42.71	NM	NA	3362.65
IW005	1/17/2006	3405.36	43.75	NM	NA	3361.61
IW005	6/16/2006	3405.36	43.62	NM	NA	3361.74
IW005	4/12/2007	3405.36	43.82	NM	NA	3361.54
IW005	3/21/2008	3405.36	43.51	NM	NA	3361.85
IW005	3/10/2009	3405.36	43.68	NM	NA	3361.68
IW005	3/1/2010	3405.36	43.84	NM	NA	3361.52
IW005	7/30/2010	3405.36	43.88	NM	NA	3361.48
IW005	5/5/2011	3405.36	43.95	NM	NA	3361.41
IW005	11/3/2011	3405.36	44.18	NM	NA	3361.18
IW005	5/2/2012	3405.36	44.00	NM	NA	3361.36
IW005	10/23/2012	3405.36	44.29	NM	NA	3361.07
IW005	4/29/2013	3405.36	44.14	NM	NA	3361.22
IW005	10/29/2013	3405.36	44.38	NM	NA	3360.98
IW005	5/5/2014	3405.36	43.97	NM	NA	3361.39
IW005	11/3/2014	3405.36	44.33	NM	NA	3361.03
IW005	5/5/2015	3405.36	43.61	NM	NA	3361.75
IW005	11/2/2015	3405.36	44.06	NM	NA	3361.30
IW005	5/10/2016	3405.36	43.84	NM	NA	3361.52
IW005	9/15/2016	3405.36	44.13	NM	NA	3361.23
IW005	5/1/2017	3405.36	43.60	NM	NA	3361.76
IW006	12/16/2003	3404.36	45.14	NM	NA	3359.22
IW006	2/18/2004	3404.36	43.24	NM	NA	3361.12
IW006	3/30/2004	3404.36	43.24	NM	NA	3361.12
IW006	6/7/2004	3404.36	44.18	NM	NA	3360.18
IW006	11/29/2004	3404.36	43.75	NM	NA	3360.61
IW006	3/21/2005	3404.36	42.86	NM	NA	3361.50
IW006	5/23/2005	3404.36	42.54	NM	NA	3361.82
IW006	1/17/2006	3404.36	42.68	NM	NA	3361.68
IW006	6/16/2006	3404.36	42.57	NM	NA	3361.79
IW006	3/27/2007	3404.36	42.49	NM	NA	3361.87
IW006	4/12/2007	3404.36	42.32	NM	NA	3362.04

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW006	3/21/2008	3404.36	42.65	NM	NA	3361.71
IW006	3/10/2009	3404.36	42.78	NM	NA	3361.58
IW006	3/1/2010	3404.36	44.73	NM	NA	3359.63
IW006	7/30/2010	3404.36	47.99	NM	NA	3356.37
IW006	5/5/2011	3404.36	43.04	NM	NA	3361.32
IW006	11/3/2011	3404.36	43.30	NM	NA	3361.06
IW006	5/2/2012	3404.36	43.13	NM	NA	3361.23
IW006	10/23/2012	3404.36	43.44	NM	NA	3360.92
IW006	4/29/2013	3404.36	43.27	NM	NA	3361.09
IW006	10/29/2013	3404.36	43.55	NM	NA	3360.81
IW006	5/5/2014	3404.36	43.11	NM	NA	3361.25
IW006	11/3/2014	3404.36	43.53	NM	NA	3360.83
IW006	5/5/2015	3404.36	42.74	NM	NA	3361.62
IW006	11/2/2015	3404.36	43.20	NM	NA	3361.16
IW006	5/10/2016	3404.36	42.71	NM	NA	3361.65
IW006	9/15/2016	3404.36	43.30	NM	NA	3361.06
IW006	5/1/2017	3404.36	42.70	NM	NA	3361.66
IW007	12/16/2003	3405.31	45.65	NM	NA	3359.66
IW007	2/18/2004	3405.31	44.09	NM	NA	3361.22
IW007	3/30/2004	3405.31	44.31	NM	NA	3361.00
IW007	6/7/2004	3405.31	43.54	NM	NA	3361.77
IW007	11/29/2004	3405.31	44.62	NM	NA	3360.69
IW007	3/22/2005	3405.31	43.24	NM	NA	3362.07
IW007	5/23/2005	3405.31	43.83	NM	NA	3361.48
IW007	1/17/2006	3405.31	43.91	NM	NA	3361.40
IW007	6/16/2006	3405.31	43.94	NM	NA	3361.37
IW007	3/26/2007	3405.31	43.48	NM	NA	3361.83
IW007	3/21/2008	3405.31	43.79	NM	NA	3361.52
IW007	3/10/2009	3405.31	44.21	NM	NA	3361.10
IW007	3/1/2010	3405.31	45.09	NM	NA	3360.22
IW007	7/30/2010	3405.31	45.80	NM	NA	3359.51
IW007	5/5/2011	3405.31	45.45	NM	NA	3359.86
IW007	11/3/2011	3405.31	46.46	NM	NA	3358.85
IW007	5/2/2012	3405.31	46.19	NM	NA	3359.12
IW007	10/23/2012	3405.31	46.93	NM	NA	3358.38
IW007	4/29/2013	3405.31	46.70	NM	NA	3358.61
IW007	10/29/2013	3405.31	47.48	NM	NA	3357.83
IW007	5/5/2014	3405.31	47.15	NM	NA	3358.16
IW007	11/3/2014	3405.31	47.37	NM	NA	3357.94
IW007	5/5/2015	3405.31	46.90	NM	NA	3358.41
IW007	11/2/2015	3405.31	48.22	NM	NA	3357.09
IW007	5/10/2016	3405.31	47.33	NM	NA	3357.98
IW007	9/15/2016	3405.31	47.45	NM	NA	3357.86
IW007	5/1/2017	3405.31	46.45	NM	NA	3358.86
IW008	12/16/2003	3405.37	50.61	NM	NA	3354.76
IW008	2/18/2004	3405.37	50.13	NM	NA	3355.24
IW008	3/30/2004	3405.37	51.08	NM	NA	3354.29
IW008	6/7/2004	3405.37	45.54	NM	NA	3359.83
IW008	11/29/2004	3405.37	43.98	NM	NA	3361.39
IW008	3/22/2005	3405.37	43.55	NM	NA	3361.82
IW008	5/23/2005	3405.37	43.85	NM	NA	3361.52
IW008	1/17/2006	3405.37	44.03	NM	NA	3361.34
IW008	6/16/2006	3405.37	44.07	NM	NA	3361.30
IW008	3/23/2007	3405.37	46.50	NM	NA	3358.87
IW008	3/21/2008	3405.37	44.80	NM	NA	3360.57
IW008	3/10/2009	3405.37	48.17	NM	NA	3357.20
IW008	3/1/2010	3405.37	47.10	NM	NA	3358.27
IW008	7/30/2010	3405.37	44.74	NM	NA	3360.63
IW008	5/5/2011	3405.37	44.69	NM	NA	3360.68
IW008	11/3/2011	3405.37	44.85	NM	NA	3360.52
IW008	5/2/2012	3405.37	44.78	NM	NA	3360.59
IW008	10/23/2012	3405.37	44.89	NM	NA	3360.48
IW008	4/29/2013	3405.37	44.94	NM	NA	3360.43
IW008	10/29/2013	3405.37	44.85	NM	NA	3360.52
IW008	5/5/2014	3405.37	44.85	NM	NA	3360.52
IW008	11/3/2014	3405.37	45.03	NM	NA	3360.34
IW008	5/5/2015	3405.37	44.78	NM	NA	3360.59
IW008	11/2/2015	3405.37	45.06	NM	NA	3360.31
IW008	5/10/2016	3405.37	44.75	NM	NA	3360.62
IW008	9/15/2016	3405.37	45.05	NM	NA	3360.32

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Appendix C
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW008	5/1/2017	3405.37	44.70	NM	NA	3360.67
IW008	3/20/2018	3405.37	44.69	NM	NA	3360.68
IW008	4/9/2019	3405.37	44.32	NM	NA	3361.05
IW008	3/9/2020	3405.37	45.54	NM	NA	3359.83
IW008	3/12/2021	3405.37	48.47	NM	NA	3356.90
IW008	2/16/2022	3405.37	45.36	NM	NA	3360.01
IW008	2/20/2023	3405.37	45.11	NM	NA	3360.26
IW009	12/16/2003	3406.07	47.22	NM	NA	3358.85
IW009	2/18/2004	3406.07	47.40	NM	NA	3358.67
IW009	3/30/2004	3406.07	47.49	NM	NA	3358.58
IW009	6/7/2004	3406.07	44.55	NM	NA	3361.52
IW009	11/29/2004	3406.07	44.74	NM	NA	3361.33
IW009	3/22/2005	3406.07	44.30	NM	NA	3361.77
IW009	5/23/2005	3406.07	44.30	NM	NA	3361.77
IW009	1/17/2006	3406.07	45.02	NM	NA	3361.05
IW009	6/16/2006	3406.07	45.41	NM	NA	3360.66
IW009	3/23/2007	3406.07	46.27	NM	NA	3359.80
IW009	3/21/2008	3406.07	46.42	NM	NA	3359.65
IW009	3/10/2009	3406.07	47.12	NM	NA	3358.95
IW009	3/1/2010	3406.07	47.36	NM	NA	3358.71
IW009	7/30/2010	3406.07	47.70	NM	NA	3358.37
IW009	5/5/2011	3406.07	47.50	NM	NA	3358.57
IW009	11/3/2011	3406.07	47.89	NM	NA	3358.18
IW009	5/2/2012	3406.07	47.70	NM	NA	3358.37
IW009	10/23/2012	3406.07	47.57	NM	NA	3358.50
IW009	4/29/2013	3406.07	47.52	NM	NA	3358.55
IW009	10/29/2013	3406.07	40.10	NM	NA	3365.97
IW009	5/5/2014	3406.07	47.31	NM	NA	3358.76
IW009	11/3/2014	3406.07	48.01	NM	NA	3358.06
IW009	5/5/2015	3406.07	47.77	NM	NA	3358.30
IW009	11/2/2015	3406.07	47.95	NM	NA	3358.12
IW009	5/10/2016	3406.07	47.64	NM	NA	3358.43
IW009	9/15/2016	3406.07	48.00	NM	NA	3358.07
IW009	5/1/2017	3406.07	47.81	NM	NA	3358.26
IW010	12/16/2003	3405.82	52.88	NM	NA	3352.94
IW010	2/18/2004	3405.82	53.48	NM	NA	3352.34
IW010	3/30/2004	3405.82	53.52	NM	NA	3352.30
IW010	6/7/2004	3405.82	54.65	NM	NA	3351.17
IW010	11/29/2004	3405.82	54.45	NM	NA	3351.37
IW010	3/22/2005	3405.82	53.45	NM	NA	3352.37
IW010	5/23/2005	3405.82	53.21	NM	NA	3352.61
IW010	1/17/2006	3405.82	53.45	NM	NA	3352.37
IW010	6/16/2006	3405.82	52.93	NM	NA	3352.89
IW010	3/23/2007	3405.82	53.48	NM	NA	3352.34
IW010	3/21/2008	3405.82	53.30	NM	NA	3352.52
IW010	3/10/2009	3405.82	53.55	NM	NA	3352.27
IW010	3/1/2010	3405.82	53.59	NM	NA	3352.23
IW010	7/30/2010	3405.82	53.46	NM	NA	3352.36
IW010	5/5/2011	3405.82	53.78	NM	NA	3352.04
IW010	11/3/2011	3405.82	53.90	NM	NA	3351.92
IW010	5/2/2012	3405.82	53.86	NM	NA	3351.96
IW010	10/23/2012	3405.82	54.04	NM	NA	3351.78
IW010	4/29/2013	3405.82	54.05	NM	NA	3351.77
IW010	10/29/2013	3405.82	54.08	NM	NA	3351.74
IW010	5/5/2014	3405.82	53.75	NM	NA	3352.07
IW010	11/3/2014	3405.82	53.90	NM	NA	3351.92
IW010	5/5/2015	3405.82	53.17	NM	NA	3352.65
IW010	11/2/2015	3405.82	53.41	NM	NA	3352.41
IW010	5/10/2016	3405.82	52.82	NM	NA	3353.00
IW010	9/15/2016	3405.82	53.14	NM	NA	3352.68
IW010	5/1/2017	3405.82	52.41	NM	NA	3353.41
IW010	3/20/2018	3405.82	52.26	NM	NA	3353.56
IW010	4/9/2019	3405.82	51.98	NM	NA	3353.84
IW010	3/9/2020	3405.82	50.71	NM	NA	3355.11
IW010	3/11/2021	3405.82	52.29	NM	NA	3353.53
IW010	2/16/2022	3405.82	52.75	NM	NA	3353.07
IW010	2/20/2023	3405.82	53.13	NM	NA	3352.69
IW011	12/16/2003	3406.83	57.60	NM	NA	3349.23
IW011	2/18/2004	3406.83	57.59	NM	NA	3349.24
IW011	3/30/2004	3406.83	57.64	NM	NA	3349.19

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW011	6/7/2004	3406.83	58.79	NM	NA	3348.04
IW011	11/29/2004	3406.83	58.81	NM	NA	3348.02
IW011	3/23/2005	3406.83	58.19	NM	NA	3348.64
IW011	5/23/2005	3406.83	57.51	NM	NA	3349.32
IW011	1/17/2006	3406.83	57.79	NM	NA	3349.04
IW011	6/16/2006	3406.83	56.93	NM	NA	3349.90
IW011	3/22/2007	3406.83	56.21	NM	NA	3350.62
IW011	3/21/2008	3406.83	55.44	NM	NA	3351.39
IW011	3/10/2009	3406.83	55.51	NM	NA	3351.32
IW011	3/1/2010	3406.83	55.48	NM	NA	3351.35
IW011	7/30/2010	3406.83	55.36	NM	NA	3351.47
IW011	5/5/2011	3406.83	55.55	NM	NA	3351.28
IW011	11/3/2011	3406.83	55.85	NM	NA	3350.98
IW011	5/2/2012	3406.83	55.83	NM	NA	3351.00
IW011	10/23/2012	3406.83	55.87	NM	NA	3350.96
IW011	4/29/2013	3406.83	55.83	NM	NA	3351.00
IW011	10/29/2013	3406.83	55.90	NM	NA	3350.93
IW011	5/5/2014	3406.83	55.60	NM	NA	3351.23
IW011	11/3/2014	3406.83	65.80	NM	NA	3341.03
IW011	5/5/2015	3406.83	35.09	NM	NA	3371.74
IW011	11/2/2015	3406.83	55.28	NM	NA	3351.55
IW011	5/10/2016	3406.83	54.50	NM	NA	3352.33
IW011	9/15/2016	3406.83	54.70	NM	NA	3352.13
IW011**	5/1/2017	3406.83	56.86	NM	NA	3349.97
IW012	2/18/2004	3405.92	54.99	NM	NA	3350.93
IW012	6/7/2004	3405.92	53.24	NM	NA	3352.68
IW012	11/29/2004	3405.92	56.03	NM	NA	3349.89
IW012	3/24/2005	3405.92	55.03	NM	NA	3350.89
IW012	5/23/2005	3405.92	53.20	NM	NA	3352.72
IW012	6/16/2006	3405.92	55.44	NM	NA	3350.48
IW012	3/22/2007	3405.92	58.98	NM	NA	3346.94
IW012	3/21/2008	3405.92	54.29	NM	NA	3351.63
IW012	3/10/2009	3405.92	54.26	NM	NA	3351.66
IW012	3/1/2010	3405.92	54.18	NM	NA	3351.74
IW012	7/30/2010	3405.92	54.11	NM	NA	3351.81
IW012	5/5/2011	3405.92	54.29	NM	NA	3351.63
IW012	11/3/2011	3405.92	54.53	NM	NA	3351.39
IW012	5/2/2012	3405.92	54.83	NM	NA	3351.09
IW012	10/23/2012	3405.92	54.55	NM	NA	3351.37
IW012	4/29/2013	3405.92	54.55	NM	NA	3351.37
IW012	10/29/2013	3405.92	54.69	NM	NA	3351.23
IW012	5/5/2014	3405.92	54.17	NM	NA	3351.75
IW012	11/3/2014	3405.92	54.24	NM	NA	3351.68
IW012	5/5/2015	3405.92	53.72	NM	NA	3352.20
IW012	11/2/2015	3405.92	53.70	NM	NA	3352.22
IW012	5/10/2016	3405.92	53.16	NM	NA	3352.76
IW012	9/15/2016	3405.92	53.13	NM	NA	3352.79
IW012	5/1/2017	3405.92	52.35	NM	NA	3353.57
IW013	2/18/2004	3406.62	56.27	NM	NA	3350.35
IW013	3/30/2004	3406.62	56.34	NM	NA	3350.28
IW013	6/7/2004	3406.62	51.56	NM	NA	3355.06
IW013	11/29/2004	3406.62	57.36	NM	NA	3349.26
IW013	3/24/2005	3406.62	56.72	NM	NA	3349.90
IW013	5/23/2005	3406.62	56.81	NM	NA	3349.81
IW013	1/17/2006	3406.62	56.15	NM	NA	3350.47
IW013	6/16/2006	3406.62	55.72	NM	NA	3350.90
IW013	3/21/2008	3406.62	54.13	NM	NA	3352.49
IW013	3/10/2009	3406.62	54.12	NM	NA	3352.50
IW013	3/1/2010	3406.62	54.33	NM	NA	3352.29
IW013	7/30/2010	3406.62	53.94	NM	NA	3352.68
IW013	5/5/2011	3406.62	54.10	NM	NA	3352.52
IW013	11/3/2011	3406.62	54.35	NM	NA	3352.27
IW013	5/2/2012	3406.62	54.33	NM	NA	3352.29
IW013	10/23/2012	3406.62	54.38	NM	NA	3352.24
IW013	4/29/2013	3406.62	54.37	NM	NA	3352.25
IW013	10/29/2013	3406.62	54.42	NM	NA	3352.20
IW013	5/5/2014	3406.62	54.16	NM	NA	3352.46
IW013	11/3/2014	3406.62	54.30	NM	NA	3352.32
IW013	5/5/2015	3406.62	53.69	NM	NA	3352.93
IW013	11/2/2015	3406.62	53.80	NM	NA	3352.82

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Appendix C
Historical Groundwater Elevations
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW013	5/10/2016	3406.62	53.15	NM	NA	3353.47
IW013	9/15/2016	3406.62	53.30	NM	NA	3353.32
IW013	5/1/2017	3406.62	52.62	NM	NA	3354.00
IW014	2/18/2004	3405.48	54.55	NM	NA	3350.93
IW014	3/30/2004	3405.48	54.59	NM	NA	3350.89
IW014	11/29/2004	3405.48	55.88	NM	NA	3349.60
IW014	3/24/2005	3405.48	55.54	NM	NA	3349.94
IW014	5/23/2005	3405.48	55.02	NM	NA	3350.46
IW014	1/17/2006	3405.48	54.66	NM	NA	3350.82
IW014	6/16/2006	3405.48	54.25	NM	NA	3351.23
IW014	3/26/2007	3405.48	53.30	NM	NA	3352.18
IW014	3/21/2008	3405.48	52.64	NM	NA	3352.84
IW014	3/10/2009	3405.48	52.57	NM	NA	3352.91
IW014	3/1/2010	3405.48	54.27	NM	NA	3351.21
IW014	7/30/2010	3405.48	52.37	NM	NA	3353.11
IW014	5/5/2011	3405.48	52.50	NM	NA	3352.98
IW014	11/3/2011	3405.48	52.70	NM	NA	3352.78
IW014	5/2/2012	3405.48	52.66	NM	NA	3352.82
IW014	10/23/2012	3405.48	52.74	NM	NA	3352.74
IW014	4/29/2013	3405.48	52.75	NM	NA	3352.73
IW014	10/29/2013	3405.48	52.78	NM	NA	3352.70
IW014	5/5/2014	3405.48	52.53	NM	NA	3352.95
IW014	11/3/2014	3405.48	52.70	NM	NA	3352.78
IW014	5/5/2015	3405.48	52.09	NM	NA	3353.39
IW014	11/2/2015	3405.48	52.20	NM	NA	3353.28
IW014	5/10/2016	3405.48	51.59	NM	NA	3353.89
IW014	9/14/2016	3405.48	51.73	NM	NA	3353.75
IW014	5/1/2017	3405.48	51.08	NM	NA	3354.40
IW015	2/18/2004	3406.05	45.43	NM	NA	3360.62
IW015	3/30/2004	3406.05	45.45	NM	NA	3360.60
IW015	6/7/2004	3406.05	45.91	NM	NA	3360.14
IW015	11/29/2004	3406.05	46.33	NM	NA	3359.72
IW015	3/16/2005	3406.05	44.97	NM	NA	3361.08
IW015	1/17/2006	3406.05	44.83	NM	NA	3361.22
IW015	6/16/2006	3406.05	44.58	NM	NA	3361.47
IW015	4/9/2007	3406.05	44.38	NM	NA	3361.67
IW015	3/10/2008	3406.05	44.58	NM	NA	3361.47
IW015	3/21/2008	3406.05	44.20	NM	NA	3361.85
IW015	3/1/2010	3406.05	44.79	NM	NA	3361.26
IW015	8/3/2010	3406.05	44.91	NM	NA	3361.14
IW015	5/5/2011	3406.05	45.05	NM	NA	3361.00
IW015	11/3/2011	3406.05	45.60	NM	NA	3360.45
IW015	5/2/2012	3406.05	45.31	NM	NA	3360.74
IW015	10/23/2012	3406.05	45.64	NM	NA	3360.41
IW015	4/29/2013	3406.05	45.35	NM	NA	3360.70
IW015	10/29/2013	3406.05	45.70	NM	NA	3360.35
IW015	5/5/2014	3406.05	45.40	NM	NA	3360.65
IW015	11/3/2014	3406.05	45.71	NM	NA	3360.34
IW015	5/5/2015	3406.05	44.91	NM	NA	3361.14
IW015	11/3/2015	3406.05	45.20	NM	NA	3360.85
IW015	5/11/2016	3406.05	44.42	NM	NA	3361.63
IW015	9/15/2016	3406.05	45.03	NM	NA	3361.02
IW015	5/2/2017	3406.05	44.09	NM	NA	3361.96
IW016	2/18/2004	3408.29	48.16	NM	NA	3360.13
IW016	3/30/2004	3408.29	48.19	NM	NA	3360.10
IW016	6/3/2004	3408.29	49.11	NM	NA	3359.18
IW016	11/29/2004	3408.29	49.26	NM	NA	3359.03
IW016	4/18/2005	3408.29	48.50	NM	NA	3359.79
IW016	5/23/2005	3408.29	48.51	NM	NA	3359.78
IW016	1/17/2006	3408.29	47.45	NM	NA	3360.84
IW016	6/16/2006	3408.29	47.09	NM	NA	3361.20
IW016	3/28/2007	3408.29	46.33	NM	NA	3361.96
IW016	3/10/2008	3408.29	46.70	NM	NA	3361.59
IW016	3/21/2008	3408.29	46.21	NM	NA	3362.08
IW016	3/1/2010	3408.29	47.21	NM	NA	3361.08
IW016	8/3/2010	3408.29	47.27	NM	NA	3361.02
IW016	5/5/2011	3408.29	47.40	NM	NA	3360.89
IW016	11/3/2011	3408.29	48.06	NM	NA	3360.23
IW016	5/2/2012	3408.29	47.78	NM	NA	3360.51
IW016	10/23/2012	3408.29	48.16	NM	NA	3360.13

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW016	4/29/2013	3408.29	47.86	NM	NA	3360.43
IW016	10/29/2013	3408.29	48.25	NM	NA	3360.04
IW016	5/5/2014	3408.29	47.88	NM	NA	3360.41
IW016	11/3/2014	3408.29	48.15	NM	NA	3360.14
IW016	5/5/2015	3408.29	47.15	NM	NA	3361.14
IW016	11/3/2015	3408.29	47.38	NM	NA	3360.91
IW016	5/11/2016	3408.29	46.55	NM	NA	3361.74
IW016	9/15/2016	3408.29	47.03	NM	NA	3361.26
IW016	5/2/2017	3408.29	45.72	NM	NA	3362.57
IW018	1/17/2006	3424.54	45.94	NM	NA	3378.60
IW018	6/20/2006	3424.54	45.82	NM	NA	3378.72
IW018	4/9/2007	3424.54	45.92	NM	NA	3378.62
IW018	3/19/2008	3424.54	45.59	NM	NA	3378.95
IW018	3/10/2009	3424.54	46.05	NM	NA	3378.49
IW018	3/1/2010	3424.54	44.87	NM	NA	3379.67
IW018	8/2/2010	3424.54	46.18	NM	NA	3378.36
IW018	5/5/2011	3424.54	45.94	NM	NA	3378.60
IW018	11/4/2011	3424.54	46.30	NM	NA	3378.24
IW018	5/2/2012	3424.54	46.37	NM	NA	3378.17
IW018	10/24/2012	3424.54	46.74	NM	NA	3377.80
IW018	4/30/2013	3424.54	46.88	NM	NA	3377.66
IW018	10/28/2013	3424.54	47.16	NM	NA	3377.38
IW018	5/5/2014	3424.54	47.24	NM	NA	3377.30
IW018	11/3/2014	3424.54	46.75	NM	NA	3377.79
IW018	5/5/2015	3424.54	46.44	NM	NA	3378.10
IW018	11/2/2015	3424.54	46.50	NM	NA	3378.04
IW018	5/11/2016	3424.54	46.22	NM	NA	3378.32
IW018	5/1/2017	3424.54	45.57	NM	NA	3378.97
IW019	1/17/2006	3423.78	45.13	NM	NA	3378.65
IW019	6/20/2006	3423.78	44.95	NM	NA	3378.83
IW019	4/6/2007	3423.78	44.85	NM	NA	3378.93
IW019	3/19/2008	3423.78	44.74	NM	NA	3379.04
IW019	3/10/2009	3423.78	45.23	NM	NA	3378.55
IW019	3/1/2010	3423.78	44.94	NM	NA	3378.84
IW019	8/2/2010	3423.78	45.32	NM	NA	3378.46
IW019	5/5/2011	3423.78	45.15	NM	NA	3378.63
IW019	11/4/2011	3423.78	45.42	NM	NA	3378.36
IW019	5/2/2012	3423.78	45.53	NM	NA	3378.25
IW019	10/24/2012	3423.78	45.91	NM	NA	3377.87
IW019	4/30/2013	3423.78	46.10	NM	NA	3377.68
IW019	10/28/2013	3423.78	46.50	NM	NA	3377.28
IW019	5/5/2014	3423.78	46.41	NM	NA	3377.37
IW019	11/3/2014	3423.78	45.93	NM	NA	3377.85
IW019	5/5/2015	3423.78	45.63	NM	NA	3378.15
IW019	11/2/2015	3423.78	45.68	NM	NA	3378.10
IW019	5/11/2016	3423.78	45.38	NM	NA	3378.40
IW019	9/15/2016	3423.78	45.35	NM	NA	3378.43
IW019	5/1/2017	3423.78	44.68	NM	NA	3379.10
IW019	9/18/2017	3423.78	44.78	NM	NA	3379.00
IW019	3/20/2018	3423.78	44.73	NM	NA	3379.05
IW019	9/10/2018	3423.78	44.28	NM	NA	3379.50
IW019	4/9/2019	3423.78	44.35	NM	NA	3379.43
IW019	10/7/2019	3423.78	44.57	NM	NA	3379.21
IW019	3/9/2020	3423.78	44.64	NM	NA	3379.14
IW019	3/8/2021	3423.78	44.35	NM	NA	3379.43
IW019	2/21/2022	3423.78	45.98	NM	NA	3377.80
IW019	2/20/2023	3423.78	45.24	NM	NA	3378.54
IW020	1/17/2006	3423.5	44.76	NM	NA	3378.74
IW020	6/20/2006	3423.5	44.55	NM	NA	3378.95
IW020	4/10/2007	3423.5	44.33	NM	NA	3379.17
IW020	4/9/2008	3423.5	44.33	NM	NA	3379.17
IW020	3/10/2009	3423.5	44.84	NM	NA	3378.66
IW020	3/1/2010	3423.5	44.75	NM	NA	3378.75
IW020	7/30/2010	3423.5	44.53	NM	NA	3378.97
IW020	5/5/2011	3423.5	44.81	NM	NA	3378.69
IW020	11/4/2011	3423.5	45.05	NM	NA	3378.45
IW020	5/2/2012	3423.5	45.09	NM	NA	3378.41
IW020	10/24/2012	3423.5	45.52	NM	NA	3377.98
IW020	4/30/2013	3423.5	45.70	NM	NA	3377.80

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW021	1/17/2006	3423.16	44.44	NM	NA	3378.72
IW021	6/20/2006	3423.16	44.15	NM	NA	3379.01
IW021	4/5/2007	3423.16	44.04	NM	NA	3379.12
IW021	3/19/2008	3423.16	43.91	NM	NA	3379.25
IW021	3/10/2009	3423.16	44.42	NM	NA	3378.74
IW021	3/1/2010	3423.16	44.75	NM	NA	3378.41
IW021	7/30/2010	3423.16	44.50	NM	NA	3378.66
IW021	5/5/2011	3423.16	44.44	NM	NA	3378.72
IW021	11/4/2011	3423.16	44.70	NM	NA	3378.46
IW021	5/2/2012	3423.16	44.67	NM	NA	3378.49
IW021	10/24/2012	3423.16	45.08	NM	NA	3378.08
IW021	4/30/2013	3423.16	45.30	NM	NA	3377.86
IW021	10/28/2013	3423.16	45.57	NM	NA	3377.59
IW021	5/5/2014	3423.16	45.61	NM	NA	3377.55
IW021	11/3/2014	3423.16	45.04	NM	NA	3378.12
IW021	5/5/2015	3423.16	44.80	NM	NA	3378.36
IW021	11/2/2015	3423.16	44.85	NM	NA	3378.31
IW021	5/11/2016	3423.16	44.58	NM	NA	3378.58
IW021	9/15/2016	3423.16	44.50	NM	NA	3378.66
IW021	5/1/2017	3423.16	43.82	NM	NA	3379.34
IW022	1/17/2006	3423.16	44.39	NM	NA	3378.77
IW022	6/20/2006	3423.16	44.10	NM	NA	3379.06
IW022	4/10/2007	3423.16	43.87	NM	NA	3379.29
IW022	4/9/2008	3423.16	43.83	NM	NA	3379.33
IW022	3/10/2009	3423.16	44.33	NM	NA	3378.83
IW022	3/1/2010	3423.16	44.43	NM	NA	3378.73
IW022	7/30/2010	3423.16	44.46	NM	NA	3378.70
IW022	5/5/2011	3423.16	44.35	NM	NA	3378.81
IW022	11/4/2011	3423.16	44.65	NM	NA	3378.51
IW022	5/2/2012	3423.16	44.66	NM	NA	3378.50
IW022	10/24/2012	3423.16	44.99	NM	NA	3378.17
IW022	4/30/2013	3423.16	45.21	NM	NA	3377.95
IW022	10/28/2013	3423.16	44.44	NM	NA	3378.72
IW022	5/5/2014	3423.16	45.52	NM	NA	3377.64
IW022	11/3/2014	3423.16	45.00	NM	NA	3378.16
IW022	5/5/2015	3423.16	44.71	NM	NA	3378.45
IW022	11/2/2015	3423.16	44.80	NM	NA	3378.36
IW022	5/11/2016	3423.16	44.49	NM	NA	3378.67
IW022	9/15/2016	3423.16	44.45	NM	NA	3378.71
IW022	5/1/2017	3423.16	43.77	NM	NA	3379.39
IW023	1/17/2006	3426.05	47.25	NM	NA	3378.80
IW023	6/20/2006	3426.05	41.82	NM	NA	3384.23
IW023	4/10/2007	3426.05	46.65	NM	NA	3379.40
IW023	3/21/2008	3426.05	46.76	NM	NA	3379.29
IW023	3/10/2009	3426.05	47.14	NM	NA	3378.91
IW023	7/28/2009	3426.05	47.33	NM	NA	3378.72
IW023	3/1/2010	3426.05	47.29	NM	NA	3378.76
IW023	7/30/2010	3426.05	47.27	NM	NA	3378.78
IW023	5/5/2011	3426.05	47.22	NM	NA	3378.83
IW023	11/4/2011	3426.05	47.49	NM	NA	3378.56
IW023	5/2/2012	3426.05	47.53	NM	NA	3378.52
IW023	10/24/2012	3426.05	47.80	NM	NA	3378.25
IW023	4/30/2013	3426.05	48.01	NM	NA	3378.04
IW023	10/28/2013	3426.05	48.25	NM	NA	3377.80
IW023	5/5/2014	3426.05	48.31	NM	NA	3377.74
IW023	11/3/2014	3426.05	47.80	NM	NA	3378.25
IW023	5/5/2015	3426.05	47.51	NM	NA	3378.54
IW023	11/2/2015	3426.05	47.55	NM	NA	3378.50
IW023	5/11/2016	3426.05	47.29	NM	NA	3378.76
IW023	9/15/2016	3426.05	47.37	NM	NA	3378.68
IW023	5/1/2017	3426.05	46.57	NM	NA	3379.48
IW023	9/18/2017	3426.05	46.61	NM	NA	3379.44
IW023	3/20/2018	3426.05	46.37	NM	NA	3379.68
IW023	9/14/2018	3426.05	46.6	NM	NA	3379.45
IW023	4/10/2019	3426.05	46.20	NM	NA	3379.85
IW023	10/7/2019	3426.05	46.52	NM	NA	3379.53
IW023	3/9/2020	3426.05	46.52	NM	NA	3379.53
IW023	3/9/2021	3426.05	46.16	NM	NA	3379.89
IW023	2/18/2022	3426.05	46.73	NM	NA	3379.32
IW023	2/20/2023	3426.05	47.15	NM	NA	3378.90

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW024	1/18/2006	3426.63	47.15	NM	NA	3379.48
IW024	6/20/2006	3426.63	47.10	NM	NA	3379.53
IW024	4/4/2007	3426.63	46.85	NM	NA	3379.78
IW024	3/21/2008	3426.63	47.70	NM	NA	3378.93
IW024	3/10/2009	3426.63	47.25	NM	NA	3379.38
IW024	7/28/2009	3426.63	47.45	NM	NA	3379.18
IW024	3/1/2010	3426.63	47.45	NM	NA	3379.18
IW024	8/2/2010	3426.63	47.47	NM	NA	3379.16
IW024	5/5/2011	3426.63	47.32	NM	NA	3379.31
IW024	11/4/2011	3426.63	47.79	NM	NA	3378.84
IW024	5/3/2012	3426.63	47.64	NM	NA	3378.99
IW024	10/23/2012	3426.63	48.02	NM	NA	3378.61
IW024	5/1/2013	3426.63	48.15	NM	NA	3378.48
IW024	10/29/2013	3426.63	48.37	NM	NA	3378.26
IW024	5/5/2014	3426.63	48.40	NM	NA	3378.23
IW024	11/3/2014	3426.63	47.96	NM	NA	3378.67
IW024	5/5/2015	3426.63	47.61	NM	NA	3379.02
IW024	11/2/2015	3426.63	47.65	NM	NA	3378.98
IW024	5/12/2016	3426.63	47.44	NM	NA	3379.19
IW024	9/14/2016	3426.63	47.37	NM	NA	3379.26
IW024	5/2/2017	3426.63	46.74	NM	NA	3379.89
IW024	3/20/2018	3426.63	46.47	NM	NA	3380.16
IW024	4/10/2019	3426.63	46.32	NM	NA	3380.31
IW024	10/7/2019	3426.63	46.65	NM	NA	3379.98
IW024	3/8/2021	3426.63	46.38	NM	NA	3380.25
IW024	2/14/2022	3426.63	46.50	NM	NA	3380.13
IW024	2/21/2023	3426.63	47.29	NM	NA	3379.34
IW025	1/18/2006	3427.62	48.09	NM	NA	3379.53
IW025	6/20/2006	3427.62	47.95	NM	NA	3379.67
IW025	4/4/2007	3427.62	47.72	NM	NA	3379.90
IW025	3/21/2008	3427.62	48.10	NM	NA	3379.52
IW025	3/10/2009	3427.62	47.20	NM	NA	3380.42
IW025	7/28/2009	3427.62	48.44	NM	NA	3379.18
IW025	3/1/2010	3427.62	48.52	NM	NA	3379.10
IW025	8/2/2010	3427.62	48.53	NM	NA	3379.09
IW025	5/5/2011	3427.62	48.37	NM	NA	3379.25
IW025	11/4/2011	3427.62	48.63	NM	NA	3378.99
IW025	5/3/2012	3427.62	49.72	NM	NA	3377.90
IW025	10/23/2012	3427.62	49.01	NM	NA	3378.61
IW025	5/1/2013	3427.62	49.20	NM	NA	3378.42
IW025	10/29/2013	3427.62	49.42	NM	NA	3378.20
IW025	5/5/2014	3427.62	49.45	NM	NA	3378.17
IW025	11/3/2014	3427.62	49.00	NM	NA	3378.62
IW025	5/5/2015	3427.62	48.66	NM	NA	3378.96
IW025	11/2/2015	3427.62	48.67	NM	NA	3378.95
IW025	5/12/2016	3427.62	48.49	NM	NA	3379.13
IW025	9/14/2016	3427.62	48.40	NM	NA	3379.22
IW025	5/2/2017	3426.63	47.79	NM	NA	3378.84
IW026	1/18/2006	3428.01	48.42	NM	NA	3379.59
IW026	6/20/2006	3428.01	48.26	NM	NA	3379.75
IW026	4/4/2007	3428.01	48.10	NM	NA	3379.91
IW026	3/21/2008	3428.01	48.05	NM	NA	3379.96
IW026	3/10/2009	3428.01	48.58	NM	NA	3379.43
IW026	7/28/2009	3428.01	48.76	NM	NA	3379.25
IW026	3/1/2010	3428.01	48.23	NM	NA	3379.78
IW026	8/2/2010	3428.01	48.72	NM	NA	3379.29
IW026	5/5/2011	3428.01	48.65	NM	NA	3379.36
IW026	11/4/2011	3428.01	49.90	NM	NA	3378.11
IW026	5/3/2012	3428.01	49.00	NM	NA	3379.01
IW026	10/23/2012	3428.01	49.70	NM	NA	3378.31
IW026	5/1/2013	3428.01	49.41	NM	NA	3378.60
IW026	10/29/2013	3428.01	49.61	NM	NA	3378.40
IW026	5/5/2014	3428.01	49.64	NM	NA	3378.37
IW026	11/3/2014	3428.01	49.22	NM	NA	3378.79
IW026	5/5/2015	3428.01	48.90	NM	NA	3379.11
IW026	11/2/2015	3428.01	48.92	NM	NA	3379.09
IW026	5/12/2016	3428.01	48.64	NM	NA	3379.37
IW026	9/22/2016	3428.01	48.65	NM	NA	3379.36
IW026	5/2/2017	3428.01	47.96	NM	NA	3380.05
IW027	1/18/2006	3428.17	48.55	NM	NA	3379.62

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
IW027	6/20/2006	3428.17	48.33	NM	NA	3379.84
IW027	4/4/2007	3428.17	48.17	NM	NA	3380.00
IW027	3/21/2008	3428.17	48.10	NM	NA	3380.07
IW027	3/11/2009	3428.17	48.66	NM	NA	3379.51
IW027	3/1/2010	3428.17	48.78	NM	NA	3379.39
IW027	8/2/2010	3428.17	48.80	NM	NA	3379.37
IW027	5/5/2011	3428.17	48.65	NM	NA	3379.52
IW027	11/4/2011	3428.17	48.90	NM	NA	3379.27
IW027	5/3/2012	3428.17	49.00	NM	NA	3379.17
IW027	10/23/2012	3428.17	49.29	NM	NA	3378.88
IW027	5/1/2013	3428.17	49.45	NM	NA	3378.72
IW027	10/29/2013	3428.17	49.65	NM	NA	3378.52
IW027	5/5/2014	3428.17	49.69	NM	NA	3378.48
IW027	11/3/2014	3428.17	49.20	NM	NA	3378.97
IW027	5/5/2015	3428.17	48.87	NM	NA	3379.30
IW027	11/2/2015	3428.17	48.90	NM	NA	3379.27
IW027	5/12/2016	3428.17	48.68	NM	NA	3379.49
IW027	9/14/2016	3428.17	48.65	NM	NA	3379.52
IW027	5/2/2017	3428.17	48.01	NM	NA	3380.16
IW028	3/16/2005	3428.18	48.70	NM	NA	3379.48
IW028	5/23/2005	3428.18	49.09	NM	NA	3379.09
IW028	6/16/2005	3428.18	49.10	NM	NA	3379.08
IW028	1/17/2006	3428.18	48.53	NM	NA	3379.65
IW028	6/20/2006	3428.18	48.30	NM	NA	3379.88
IW028	4/4/2007	3428.18	48.09	NM	NA	3380.09
IW028	4/9/2008	3428.18	47.99	NM	NA	3380.19
IW028	3/11/2009	3428.18	48.51	NM	NA	3379.67
IW028	3/1/2010	3428.18	48.74	NM	NA	3379.44
IW028	8/2/2010	3428.18	48.76	NM	NA	3379.42
IW028	5/5/2011	3428.18	48.62	NM	NA	3379.56
IW028	11/4/2011	3428.18	48.82	NM	NA	3379.36
IW028	5/3/2012	3428.18	48.96	NM	NA	3379.22
IW028	10/23/2012	3428.18	49.21	NM	NA	3378.97
IW028	5/1/2013	3428.18	49.41	NM	NA	3378.77
IW028	10/29/2013	3428.18	49.60	NM	NA	3378.58
IW028	5/5/2014	3428.18	49.63	NM	NA	3378.55
IW028	11/3/2014	3428.18	49.15	NM	NA	3379.03
IW028	5/5/2015	3428.18	48.80	NM	NA	3379.38
IW028	11/2/2015	3428.18	48.84	NM	NA	3379.34
IW028	5/12/2016	3428.18	48.63	NM	NA	3379.55
IW028	9/14/2016	3428.18	48.60	NM	NA	3379.58
IW028	5/2/2017	3428.18	47.96	NM	NA	3380.22
IW029P	5/5/2014	3427.96	48.48	NM	NA	3379.48
IW029P	11/4/2014	3427.96	47.88	NM	NA	3380.08
IW029P	5/6/2015	3427.96	47.34	NM	NA	3380.62
IW029P	11/2/2015	3427.96	47.68	NM	NA	3380.28
IW029P	5/12/2016	3427.96	47.43	NM	NA	3380.53
IW029P	9/21/2016	3427.96	47.35	NM	NA	3380.61
IW029P	5/3/2017	3427.96	46.81	NM	NA	3381.15
IW030	10/23/2012	3427.96	48.88	NM	NA	3379.08
IW030	5/1/2013	3427.96	48.73	NM	NA	3379.23
IW030	10/29/2013	3427.96	49.25	NM	NA	3378.71
LordWW	12/18/1997	3419.97	44.00	NM	NA	3375.97
LordWW	11/16/1999	3419.97	42.67	NM	NA	3377.30
LordWW	6/7/2001	3419.97	41.90	NM	NA	3378.07
LordWW	2/6/2002	3419.97	42.01	NM	NA	3377.96
LordWW	9/3/2002	3419.97	41.88	NM	NA	3378.09
LordWW	12/9/2002	3419.97	41.88	NM	NA	3378.09
LordWW	6/5/2003	3419.97	41.95	NM	NA	3378.02
LordWW	1/22/2004	3419.97	42.25	NM	NA	3377.72
LordWW	3/30/2004	3419.97	42.34	NM	NA	3377.63
LordWW	6/7/2004	3419.97	42.12	NM	NA	3377.85
LordWW	9/17/2004	3419.97	41.93	NM	NA	3378.04
LordWW	5/23/2005	3419.97	40.93	NM	NA	3379.04
LordWW	1/17/2006	3419.97	40.59	NM	NA	3379.38
LordWW	6/23/2006	3419.97	40.57	NM	NA	3379.40
LordWW	4/5/2007	3419.97	40.05	NM	NA	3379.92
LordWW	3/18/2008	3419.97	48.17	NM	NA	3371.80
LordWW	8/4/2008	3419.97	40.43	NM	NA	3379.54
LordWW	3/10/2009	3419.97	40.61	NM	NA	3379.36

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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
LordWW	7/28/2009	3419.97	40.80	NM	NA	3379.17
LordWW	3/1/2010	3419.97	40.84	NM	NA	3379.13
LordWW	8/2/2010	3419.97	38.21	NM	NA	3381.76
LordWW	10/26/2012	3419.97	41.38	NM	NA	3378.59
LordWW	5/23/2013	3419.97	41.47	NM	NA	3378.50
LordWW	11/5/2013	3419.97	39.17	NM	NA	3380.80
LordWW	11/4/2014	3419.97	41.20	NM	NA	3378.77
LordWW	11/9/2015	3419.97	40.94	NM	NA	3379.03
LordWW	5/10/2016	3419.97	40.66	NM	NA	3379.31
LordWW	9/22/2016	3419.97	40.65	NM	NA	3379.32
LordWW	5/3/2017	3419.97	39.96	NM	NA	3380.01
MW001	4/22/1997	3428.57	52.34	NM	NA	3376.23
MW001	12/18/1997	3428.57	52.32	NM	NA	3376.25
MW001	11/16/1999	3428.57	51.32	NM	NA	3377.25
MW001	5/15/2001	3428.57	50.33	NM	NA	3378.24
MW001	8/23/2001	3428.57	51.02	NM	NA	3377.55
MW001	1/21/2002	3428.57	50.64	NM	NA	3377.93
MW001	4/4/2002	3428.57	50.66	NM	NA	3377.91
MW001	9/3/2002	3428.57	50.44	NM	NA	3378.13
MW001	12/2/2002	3428.57	50.20	NM	NA	3378.37
MW001	1/31/2003	3428.57	50.36	NM	NA	3378.21
MW001	3/28/2003	3428.57	50.54	NM	NA	3378.03
MW001	5/19/2003	3428.57	50.36	NM	NA	3378.21
MW001	9/9/2003	3428.57	50.52	NM	NA	3378.05
MW001	1/26/2004	3428.57	50.73	NM	NA	3377.84
MW001	3/30/2004	3428.57	50.71	NM	NA	3377.86
MW001	6/7/2004	3428.57	50.76	NM	NA	3377.81
MW001	9/17/2004	3428.57	50.30	NM	NA	3378.27
MW001	11/30/2004	3428.57	49.90	NM	NA	3378.67
MW001	3/31/2005	3428.57	49.25	NM	NA	3379.32
MW001	5/23/2005	3428.57	49.15	NM	NA	3379.42
MW001	1/17/2006	3428.57	48.39	NM	NA	3380.18
MW001	6/19/2006	3428.57	48.02	NM	NA	3380.55
MW001	4/19/2007	3428.57	47.75	NM	NA	3380.82
MW001	3/24/2008	3428.57	47.83	NM	NA	3380.74
MW001	3/1/2010	3428.57	48.46	NM	NA	3380.11
MW001	8/3/2010	3428.57	48.51	NM	NA	3380.06
MW001	5/6/2011	3428.57	49.05	NM	NA	3379.52
MW001	11/1/2011	3428.57	48.47	NM	NA	3380.10
MW001	5/3/2012	3428.57	48.57	NM	NA	3380.00
MW001	10/23/2012	3428.57	48.75	NM	NA	3379.82
MW001	5/2/2013	3428.57	49.00	NM	NA	3379.57
MW001	5/5/2014	3428.57	49.07	NM	NA	3379.50
MW001	11/3/2014	3428.57	48.78	NM	NA	3379.79
MW001	5/6/2015	3428.57	48.51	NM	NA	3380.06
MW001	9/16/2015	3428.57	48.27	NM	NA	3380.30
MW001	11/3/2015	3428.57	48.47	NM	NA	3380.10
MW001	5/12/2016	3428.57	48.30	NM	NA	3380.27
MW001	5/3/2017	3428.57	47.79	NM	NA	3380.78
MW001	9/18/2017	3428.57	47.67	NM	NA	3380.90
MW001	3/20/2018	3428.57	47.53	NM	NA	3381.04
MW001	9/11/2018	3428.57	47.69	NM	NA	3380.88
MW001	4/10/2019	3428.57	47.30	NM	NA	3381.27
MW001	10/7/2019	3428.57	47.60	NM	NA	3380.97
MW001	3/9/2020	3428.57	47.67	NM	NA	3380.90
MW001	3/12/2021	3428.57	47.54	NM	NA	3381.03
MW001	2/15/2022	3428.57	46.6	NM	NA	3381.97
MW001	2/21/2023	3428.57	47.99	NM	NA	3380.58
MW002	4/22/1997	3432.17	55.95	NM	NA	3376.22
MW002	12/18/1997	3432.17	55.62	NM	NA	3376.55
MW002	11/16/1999	3432.17	54.97	NM	NA	3377.20
MW002	5/15/2001	3432.17	54.15	NM	NA	3378.02
MW002	8/23/2001	3432.17	54.12	NM	NA	3378.05
MW002	1/21/2002	3432.17	54.30	NM	NA	3377.87
MW002	4/4/2002	3432.17	54.31	NM	NA	3377.86
MW002	9/3/2002	3432.17	54.14	NM	NA	3378.03
MW002	12/2/2002	3432.17	53.88	NM	NA	3378.29
MW002	1/30/2003	3432.17	53.88	NM	NA	3378.29
MW002	3/28/2003	3432.17	54.16	NM	NA	3378.01
MW002	5/19/2003	3432.17	53.97	NM	NA	3378.20

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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW002	9/9/2003	3432.17	54.05	NM	NA	3378.12
MW002	12/2/2003	3432.17	53.89	NM	NA	3378.28
MW002	3/30/2004	3432.17	54.11	NM	NA	3378.06
MW002	6/7/2004	3432.17	54.21	NM	NA	3377.96
MW002	9/17/2004	3432.17	53.94	NM	NA	3378.23
MW002	11/30/2004	3432.17	53.74	NM	NA	3378.43
MW002	3/31/2005	3432.17	53.37	NM	NA	3378.80
MW002	5/23/2005	3432.17	53.06	NM	NA	3379.11
MW002	1/16/2006	3432.17	52.62	NM	NA	3379.55
MW002	6/19/2006	3432.17	52.20	NM	NA	3379.97
MW002	4/12/2007	3432.17	51.78	NM	NA	3380.39
MW002	3/19/2008	3432.17	51.69	NM	NA	3380.48
MW002	3/11/2009	3432.17	51.94	NM	NA	3380.23
MW002	3/1/2010	3432.17	51.99	NM	NA	3380.18
MW002	8/2/2010	3432.17	52.03	NM	NA	3380.14
MW002	5/6/2011	3432.17	51.84	NM	NA	3380.33
MW002	11/2/2011	3432.17	51.89	NM	NA	3380.28
MW002	5/3/2012	3432.17	51.99	NM	NA	3380.18
MW002	10/24/2012	3432.17	52.12	NM	NA	3380.05
MW002	5/2/2013	3432.17	52.30	NM	NA	3379.87
MW002	10/29/2013	3432.17	52.30	NM	NA	3379.87
MW002	5/5/2014	3432.17	52.36	NM	NA	3379.81
MW002	11/4/2014	3432.17	52.31	NM	NA	3379.86
MW002	5/6/2015	3432.17	52.02	NM	NA	3380.15
MW002	11/3/2015	3432.17	51.95	NM	NA	3380.22
MW002	5/12/2016	3432.17	50.86	NM	NA	3381.31
MW002	9/22/2016	3432.17	51.83	NM	NA	3380.34
MW002	5/3/2017	3432.17	51.58	NM	NA	3380.59
MW002A	1/7/2003	3432.31	54.03	NM	NA	3378.28
MW002A	1/30/2003	3432.31	53.89	NM	NA	3378.42
MW002A	3/28/2003	3432.31	54.11	NM	NA	3378.20
MW002A	5/19/2003	3432.31	53.99	NM	NA	3378.32
MW002A	9/9/2003	3432.31	54.12	NM	NA	3378.19
MW002A	12/2/2003	3432.31	53.97	NM	NA	3378.34
MW002A	3/30/2004	3432.31	54.20	NM	NA	3378.11
MW002A	6/7/2004	3432.31	54.21	NM	NA	3378.10
MW002A	9/17/2004	3432.31	53.93	NM	NA	3378.38
MW002A	11/30/2004	3432.31	53.74	NM	NA	3378.57
MW002A	3/31/2005	3432.31	53.36	NM	NA	3378.95
MW002A	5/23/2005	3432.31	53.08	NM	NA	3379.23
MW002A	1/17/2006	3432.31	52.56	NM	NA	3379.75
MW002A	6/19/2006	3432.31	52.18	NM	NA	3380.13
MW002A	4/12/2007	3432.31	51.80	NM	NA	3380.51
MW002A	3/19/2008	3432.31	51.72	NM	NA	3380.59
MW002A	3/11/2009	3432.31	51.89	NM	NA	3380.42
MW002A	3/1/2010	3432.31	52.01	NM	NA	3380.30
MW002A	8/2/2010	3432.31	52.01	NM	NA	3380.30
MW002A	5/6/2011	3432.31	51.84	NM	NA	3380.47
MW002A	11/4/2011	3432.3	51.86	NM	NA	3380.44
MW002A	5/3/2012	3432.3	51.95	NM	NA	3380.35
MW002A	10/24/2012	3432.3	52.10	NM	NA	3380.20
MW002A	5/2/2013	3432.3	52.30	NM	NA	3380.00
MW002A	10/29/2013	3432.3	52.31	NM	NA	3379.99
MW002A	5/5/2014	3432.3	52.37	NM	NA	3379.93
MW002A	11/4/2014	3432.3	52.30	NM	NA	3380.00
MW002A	5/6/2015	3432.3	52.05	NM	NA	3380.25
MW002A	11/3/2015	3432.3	51.97	NM	NA	3380.33
MW002A	5/12/2016	3432.3	51.90	NM	NA	3380.40
MW002A	9/22/2016	3432.3	51.84	NM	NA	3380.46
MW002A	5/3/2017	3432.3	51.60	NM	NA	3380.70
MW002A	9/18/2017	3432.3	51.44	NM	NA	3380.86
MW002A	3/20/2018	3432.3	51.34	NM	NA	3380.96
MW002A	9/10/2018	3432.3	51.35	NM	NA	3380.95
MW002A	4/10/2019	3432.30	51.13	NM	NA	3381.17
MW002A	10/7/2019	3432.30	51.22	NM	NA	3381.08
MW002A	3/9/2020	3432.30	51.27	NM	NA	3381.03
MW002A	3/12/2021	3432.30	51.13	NM	NA	3381.17
MW002A	10/12/2021	3432.30	50.02	NM	NA	3382.28
MW002A	2/15/2022	3432.30	51.22	NM	NA	3381.08
MW002A	2/21/2023	3432.30	51.42	NM	NA	3380.88

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW003	4/22/1997	3428.27	49.79	NM	NA	3378.48
MW003	12/18/1997	3428.27	49.24	NM	NA	3379.03
MW003	11/16/1999	3428.27	50.49	NM	NA	3377.78
MW003	5/15/2001	3428.27	49.63	NM	NA	3378.64
MW003	8/23/2001	3428.27	49.99	NM	NA	3378.28
MW003	1/21/2002	3428.27	49.81	NM	NA	3378.46
MW003	4/4/2002	3428.27	49.92	NM	NA	3378.35
MW003	9/3/2002	3428.27	49.80	NM	NA	3378.47
MW003	12/2/2002	3428.27	49.51	NM	NA	3378.76
MW003	1/31/2003	3428.27	49.64	NM	NA	3378.63
MW003	3/28/2003	3428.27	49.61	NM	NA	3378.66
MW003	5/19/2003	3428.27	49.57	NM	NA	3378.70
MW003	9/9/2003	3428.27	49.64	NM	NA	3378.63
MW003	12/3/2003	3428.27	49.70	NM	NA	3378.57
MW003	3/30/2004	3428.27	49.78	NM	NA	3378.49
MW003	6/7/2004	3428.27	49.74	NM	NA	3378.53
MW003	9/17/2004	3428.27	49.38	NM	NA	3378.89
MW003	11/30/2004	3428.27	48.80	NM	NA	3379.47
MW003	3/31/2005	3428.27	48.40	NM	NA	3379.87
MW003	5/23/2005	3428.27	48.31	NM	NA	3379.96
MW003	1/17/2006	3428.27	47.79	NM	NA	3380.48
MW003	6/19/2006	3428.27	47.65	NM	NA	3380.62
MW003	4/16/2007	3428.27	47.23	NM	NA	3381.04
MW003	3/19/2008	3428.27	47.21	NM	NA	3381.06
MW003	3/11/2009	3428.27	47.73	NM	NA	3380.54
MW003	3/1/2010	3428.27	47.94	NM	NA	3380.33
MW003	8/3/2010	3428.27	48.00	NM	NA	3380.27
MW003	5/6/2011	3428.27	47.75	NM	NA	3380.52
MW003	11/1/2011	3428.27	47.90	NM	NA	3380.37
MW003	5/4/2012	3428.27	48.13	NM	NA	3380.14
MW003	10/23/2012	3428.27	48.33	NM	NA	3379.94
MW003	5/2/2013	3428.27	48.52	NM	NA	3379.75
MW003	10/29/2013	3428.27	48.61	NM	NA	3379.66
MW003	5/5/2014	3428.27	48.62	NM	NA	3379.65
MW003	11/4/2014	3428.27	47.91	NM	NA	3380.36
MW003	5/6/2015	3428.27	47.91	NM	NA	3380.36
MW003	11/2/2015	3428.27	47.90	NM	NA	3380.37
MW003	5/12/2016	3428.27	47.74	NM	NA	3380.53
MW003	9/21/2016	3428.27	47.50	NM	NA	3380.77
MW003	5/3/2017	3428.27	47.02	NM	NA	3381.25
MW004	4/22/1997	3423.38	48.24	NM	NA	3375.14
MW004	12/18/1997	3423.38	47.69	NM	NA	3375.69
MW004	11/16/1999	3423.38	46.76	NM	NA	3376.62
MW004	5/15/2001	3423.38	45.91	NM	NA	3377.47
MW004	8/23/2001	3423.38	46.12	NM	NA	3377.26
MW004	1/21/2002	3423.38	46.20	NM	NA	3377.18
MW004	4/4/2002	3423.38	46.27	NM	NA	3377.11
MW004	9/3/2002	3423.38	45.95	NM	NA	3377.43
MW004	12/2/2002	3423.38	45.85	NM	NA	3377.53
MW004	1/31/2003	3423.38	45.94	NM	NA	3377.44
MW004	3/28/2003	3423.38	45.96	NM	NA	3377.42
MW004	5/19/2003	3423.38	45.97	NM	NA	3377.41
MW004	9/9/2003	3423.38	46.14	NM	NA	3377.24
MW004	12/3/2003	3423.38	46.15	NM	NA	3377.23
MW004	3/30/2004	3423.38	46.24	NM	NA	3377.14
MW004	6/7/2004	3423.38	46.19	NM	NA	3377.19
MW004	9/17/2004	3423.38	45.90	NM	NA	3377.48
MW004	11/29/2004	3423.38	45.44	NM	NA	3377.94
MW004	3/31/2005	3423.38	42.85	NM	NA	3380.53
MW004	5/23/2005	3423.38	44.90	NM	NA	3378.48
MW004	1/18/2006	3423.38	44.17	NM	NA	3379.21
MW004	6/19/2006	3423.38	43.95	NM	NA	3379.43
MW004	4/17/2007	3423.38	43.76	NM	NA	3379.62
MW004	3/19/2008	3423.38	43.78	NM	NA	3379.60
MW004	3/11/2009	3423.38	44.33	NM	NA	3379.05
MW004	3/1/2010	3423.38	44.43	NM	NA	3378.95
MW004	8/2/2010	3423.38	44.38	NM	NA	3379.00
MW004	5/6/2011	3423.38	44.29	NM	NA	3379.09
MW004	11/1/2011	3423.38	44.52	NM	NA	3378.86
MW004	5/4/2012	3423.38	44.63	NM	NA	3378.75

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW004	10/23/2012	3423.38	44.94	NM	NA	3378.44
MW004	5/1/2013	3423.38	45.15	NM	NA	3378.23
MW004	10/29/2013	3423.38	45.35	NM	NA	3378.03
MW004	5/5/2014	3423.38	45.36	NM	NA	3378.02
MW004	11/3/2014	3423.38	44.87	NM	NA	3378.51
MW004	5/6/2015	3423.38	44.62	NM	NA	3378.76
MW004	11/2/2015	3423.38	44.60	NM	NA	3378.78
MW004	5/12/2016	3423.38	44.43	NM	NA	3378.95
MW004	9/14/2016	3423.38	44.36	NM	NA	3379.02
MW004	5/2/2017	3423.38	43.58	NM	NA	3379.80
MW004A	12/18/1997	3423.57	48.00	NM	NA	3375.57
MW004A	11/16/1999	3423.57	47.00	NM	NA	3376.57
MW004A	5/15/2001	3423.57	46.31	NM	NA	3377.26
MW004A	8/23/2001	3423.57	46.44	NM	NA	3377.13
MW004A	1/21/2002	3423.57	46.44	NM	NA	3377.13
MW004A	4/4/2002	3423.57	46.52	NM	NA	3377.05
MW004A	9/3/2002	3423.57	46.49	NM	NA	3377.08
MW004A	12/2/2002	3423.57	46.10	NM	NA	3377.47
MW004A	1/31/2003	3423.57	46.16	NM	NA	3377.41
MW004A	3/28/2003	3423.57	46.20	NM	NA	3377.37
MW004A	5/19/2003	3423.57	46.21	NM	NA	3377.36
MW004A	9/9/2003	3423.57	46.36	NM	NA	3377.21
MW004A	12/3/2003	3423.57	46.38	NM	NA	3377.19
MW004A	3/30/2004	3423.57	46.45	NM	NA	3377.12
MW004A	6/7/2004	3423.57	46.66	NM	NA	3376.91
MW004A	9/17/2004	3423.57	46.18	NM	NA	3377.39
MW004A	11/30/2004	3423.57	45.62	NM	NA	3377.95
MW004A	3/31/2005	3423.57	45.61	NM	NA	3377.96
MW004A	5/23/2005	3423.57	45.19	NM	NA	3378.38
MW004A	1/18/2006	3423.57	44.39	NM	NA	3379.18
MW004A	6/19/2006	3423.57	44.21	NM	NA	3379.36
MW004A	4/16/2007	3423.57	43.95	NM	NA	3379.62
MW004A	3/19/2008	3423.57	43.98	NM	NA	3379.59
MW004A	3/11/2009	3423.57	44.54	NM	NA	3379.03
MW004A	3/1/2010	3423.57	44.71	NM	NA	3378.86
MW004A	8/2/2010	3423.57	44.75	NM	NA	3378.82
MW004A	5/6/2011	3423.57	44.50	NM	NA	3379.07
MW004A	11/4/2011	3423.57	44.74	NM	NA	3378.83
MW004A	5/22/2012	3423.57	44.85	NM	NA	3378.72
MW004A	10/23/2012	3423.57	45.25	NM	NA	3378.32
MW004A	5/1/2013	3423.57	45.35	NM	NA	3378.22
MW004A	10/29/2013	3423.57	45.57	NM	NA	3378.00
MW004A	5/5/2014	3423.57	45.60	NM	NA	3377.97
MW004A	11/3/2014	3423.57	45.11	NM	NA	3378.46
MW004A	5/6/2015	3423.57	44.92	NM	NA	3378.65
MW004A	11/2/2015	3423.57	44.83	NM	NA	3378.74
MW004A	5/12/2016	3423.57	44.62	NM	NA	3378.95
MW004A	9/14/2016	3423.57	44.62	NM	NA	3378.95
MW004A	5/2/2017	3423.57	43.83	NM	NA	3379.74
MW004A	9/18/2017	3423.57	43.97	NM	NA	3379.60
MW004A	3/20/2018	3423.57	43.7	NM	NA	3379.87
MW004A	9/14/2018	3423.57	43.95	NM	NA	3379.62
MW004A	4/10/2019	3423.57	43.52	NM	NA	3380.05
MW004A	10/7/2019	3423.57	43.84	NM	NA	3379.73
MW004A	3/9/2020	3423.57	44.05	NM	NA	3379.52
MW004A	3/8/2021	3423.57	43.58	NM	NA	3379.99
MW004A	10/12/2021	3423.57	43.81	NM	NA	3379.76
MW004A	2/14/2022	3423.57	43.9	NM	NA	3379.67
MW004A	2/21/2023	3423.57	44.49	NM	NA	3379.08
MW005	4/22/1997	3424.77	49.30	NM	NA	3375.47
MW005	12/18/1997	3424.77	49.52	NM	NA	3375.25
MW005	11/16/1999	3424.77	48.14	NM	NA	3376.63
MW005	8/23/2001	3424.77	47.82	NM	NA	3376.95
MW005	1/21/2002	3424.77	47.80	NM	NA	3376.97
MW005	4/9/2002	3424.77	47.31	NM	NA	3377.46
MW005	4/10/2003	3424.77	47.27	NM	NA	3377.50
MW005	5/19/2003	3424.77	47.25	NM	NA	3377.52
MW005	9/8/2003	3424.77	49.22	NM	NA	3375.55
MW005	12/3/2003	3424.77	47.51	NM	NA	3377.26
MW005	3/30/2004	3424.77	47.56	NM	NA	3377.21

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Appendix C
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW005	6/7/2004	3424.77	47.54	NM	NA	3377.23
MW005	9/17/2004	3424.77	47.18	NM	NA	3377.59
MW005	11/30/2004	3424.77	46.51	NM	NA	3378.26
MW005	4/1/2005	3424.77	46.26	NM	NA	3378.51
MW005	5/23/2005	3424.77	46.04	NM	NA	3378.73
MW005	1/18/2006	3424.77	45.30	NM	NA	3379.47
MW005	6/15/2006	3424.77	45.05	NM	NA	3379.72
MW005	4/19/2007	3424.77	44.82	NM	NA	3379.95
MW005	3/24/2008	3424.77	44.92	NM	NA	3379.85
MW005	3/11/2009	3424.77	45.49	NM	NA	3379.28
MW005	3/1/2010	3424.77	45.55	NM	NA	3379.22
MW005	8/3/2010	3424.77	45.56	NM	NA	3379.21
MW005	5/5/2011	3424.77	45.35	NM	NA	3379.42
MW005	11/1/2011	3424.77	45.13	NM	NA	3379.64
MW005	5/22/2012	3424.77	45.76	NM	NA	3379.01
MW005	10/25/2012	3424.77	48.64	NM	NA	3376.13
MW005	5/2/2013	3424.77	46.25	NM	NA	3378.52
MW005	10/29/2013	3424.77	46.35	NM	NA	3378.42
MW005*	5/3/2017	3424.77	12.95	NM	NA	3411.82
MW006	4/22/1997	3425.26	49.26	NM	NA	3376.00
MW006	12/18/1997	3425.26	49.69	NM	NA	3375.57
MW006	11/16/1999	3425.26	48.69	NM	NA	3376.57
MW006	5/15/2001	3425.26	49.48	NM	NA	3375.78
MW006	8/23/2001	3425.26	50.21	NM	NA	3375.05
MW006	1/21/2002	3425.26	50.11	NM	NA	3375.15
MW006	4/9/2002	3425.26	50.35	NM	NA	3374.91
MW006	9/11/2002	3425.26	49.55	NM	NA	3375.71
MW006	12/5/2002	3425.26	49.13	NM	NA	3376.13
MW006	4/10/2003	3425.26	49.61	NM	NA	3375.65
MW006	5/19/2003	3425.26	49.63	NM	NA	3375.63
MW006	9/8/2003	3425.26	49.22	NM	NA	3376.04
MW006	12/3/2003	3425.26	49.95	NM	NA	3375.31
MW006	3/30/2004	3425.26	50.63	NM	NA	3374.63
MW006	6/7/2004	3425.26	49.25	NM	NA	3376.01
MW006	9/17/2004	3425.26	48.75	NM	NA	3376.51
MW006	11/30/2004	3425.26	46.94	NM	NA	3378.32
MW006	4/1/2005	3425.26	46.70	NM	NA	3378.56
MW006	5/23/2005	3425.26	46.49	NM	NA	3378.77
MW006	1/18/2006	3425.26	45.74	NM	NA	3379.52
MW006	6/15/2006	3425.26	45.47	NM	NA	3379.79
MW006	4/23/2007	3425.26	45.25	NM	NA	3380.01
MW006	3/24/2008	3425.26	45.35	NM	NA	3379.91
MW006	3/11/2009	3425.26	45.90	NM	NA	3379.36
MW006	3/1/2010	3425.26	45.97	NM	NA	3379.29
MW006	8/3/2010	3425.26	48.97	NM	NA	3376.29
MW006	5/5/2011	3425.26	45.75	NM	NA	3379.51
MW006	11/2/2011	3425.26	45.55	NM	NA	3379.71
MW006	5/22/2012	3425.26	46.10	43.60	2.50	3381.04
MW006	10/25/2012	3425.26	46.09	NM	NA	3379.17
MW006	5/2/2013	3425.26	46.74	46.40	0.34	3378.78
MW006	10/29/2013	3425.26	49.74	46.44	3.30	3378.00
MW006	5/5/2014	3425.26	49.66	NM	NA	3375.60
MW006	11/3/2014	3425.26	46.08	42.53	3.55	3381.84
MW006	5/5/2015	3425.26	46.20	46.14	0.06	3379.11
MW006	9/16/2015	3425.26	46.03	NM	NA	3379.23
MW006	11/3/2015	3425.26	46.00	45.99	0.01	3379.27
MW006	5/8/2016	3425.26	46.10	45.95	0.15	3379.27
MW006	9/16/2016	3425.26	46.03	45.90	0.13	3379.33
MW006	5/3/2017	3425.26	45.33	45.21	0.12	3380.02
MW006	9/18/2017	3425.26	45.3	45.21	0.09	3380.03
MW006	3/20/2018	3425.26	44.98	NM	NA	3380.28
MW006	9/10/2018	3425.26	45.37	42.25	3.12	3382.23
MW006	4/10/2019	3425.26	44.89	44.79	0.10	3380.45
MW006	10/7/2019	3425.26	45.19	45.05	0.14	3380.18
MW006	3/9/2020	3425.26	45.25	45.00	0.25	3380.20
MW006	9/24/2020	3425.26	45.17	45.17	0.00	3380.09
MW006	3/12/2021	3425.26	45.19	45.07	0.12	3380.16
MW006	10/12/2021	3425.26	45.25	45.13	0.12	3380.10
MW006	2/15/2022	3425.26	--	NM	NA	NM
MW006	10/12/2022	3425.26	45.57	45.47	0.10	3379.77

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW006	2/21/2023	3425.26	45.76	45.58	0.18	3379.64
MW006	10/2/2023	3425.26	45.87	45.50	0.37	3379.67
MW007	12/18/1997	3428.39	49.43	NM	NA	3378.96
MW007	11/16/1999	3428.39	50.57	NM	NA	3377.82
MW007	5/15/2001	3428.39	49.70	NM	NA	3378.69
MW007	8/23/2001	3428.39	50.06	NM	NA	3378.33
MW007	1/21/2002	3428.39	49.93	NM	NA	3378.46
MW007	4/4/2002	3428.39	50.03	NM	NA	3378.36
MW007	9/3/2002	3428.39	49.90	NM	NA	3378.49
MW007	12/2/2002	3428.39	49.60	NM	NA	3378.79
MW007	1/31/2003	3428.39	49.71	NM	NA	3378.68
MW007	3/28/2003	3428.39	49.70	NM	NA	3378.69
MW007	5/19/2003	3428.39	49.60	NM	NA	3378.79
MW007	9/9/2003	3428.39	49.73	NM	NA	3378.66
MW007	12/3/2003	3428.39	49.71	NM	NA	3378.68
MW007	3/30/2004	3428.39	49.89	NM	NA	3378.50
MW007	6/7/2004	3428.39	49.82	NM	NA	3378.57
MW007	9/17/2004	3428.39	49.44	NM	NA	3378.95
MW007	11/30/2004	3428.39	48.90	NM	NA	3379.49
MW007	3/31/2005	3428.39	48.50	NM	NA	3379.89
MW007	5/23/2005	3428.39	48.41	NM	NA	3379.98
MW007	1/17/2006	3428.39	47.91	NM	NA	3380.48
MW007	6/19/2006	3428.39	47.75	NM	NA	3380.64
MW007	4/16/2007	3428.39	47.33	NM	NA	3381.06
MW007	3/19/2008	3428.39	47.35	NM	NA	3381.04
MW007	3/10/2009	3428.39	47.78	NM	NA	3380.61
MW007	3/1/2010	3428.39	48.09	NM	NA	3380.30
MW007	8/3/2010	3428.39	48.14	NM	NA	3380.25
MW007	5/6/2011	3428.39	47.90	NM	NA	3380.49
MW007	11/1/2011	3428.39	48.01	NM	NA	3380.38
MW007	5/4/2012	3428.39	48.25	NM	NA	3380.14
MW007	10/23/2012	3428.39	48.52	NM	NA	3379.87
MW007	5/2/2013	3428.39	48.70	NM	NA	3379.69
MW007	10/29/2013	3428.39	48.73	NM	NA	3379.66
MW007	5/5/2014	3428.39	48.76	NM	NA	3379.63
MW007	11/4/2014	3428.39	48.01	NM	NA	3380.38
MW007	5/6/2015	3428.39	48.05	NM	NA	3380.34
MW007	11/2/2015	3428.39	48.02	NM	NA	3380.37
MW007	5/12/2016	3428.39	47.89	NM	NA	3380.50
MW007	9/21/2016	3428.39	47.66	NM	NA	3380.73
MW007	5/3/2017	3428.39	47.22	NM	NA	3381.17
MW007A	12/18/1997	3428.13	49.37	NM	NA	3378.76
MW007A	11/16/1999	3428.13	50.22	NM	NA	3377.91
MW007A	5/15/2001	3428.13	49.38	NM	NA	3378.75
MW007A	8/23/2001	3428.13	49.72	NM	NA	3378.41
MW007A	1/21/2002	3428.13	49.64	NM	NA	3378.49
MW007A	4/4/2002	3428.13	49.74	NM	NA	3378.39
MW007A	9/3/2002	3428.13	49.60	NM	NA	3378.53
MW007A	12/2/2002	3428.13	49.32	NM	NA	3378.81
MW007A	1/31/2003	3428.13	49.43	NM	NA	3378.70
MW007A	3/28/2003	3428.13	49.43	NM	NA	3378.70
MW007A	5/19/2003	3428.13	49.37	NM	NA	3378.76
MW007A	9/9/2003	3428.13	49.43	NM	NA	3378.70
MW007A	12/3/2003	3428.13	49.49	NM	NA	3378.64
MW007A	3/30/2004	3428.13	49.60	NM	NA	3378.53
MW007A	6/7/2004	3428.13	49.53	NM	NA	3378.60
MW007A	9/17/2004	3428.13	49.22	NM	NA	3378.91
MW007A	1/17/2006	3428.13	47.66	NM	NA	3380.47
MW007A	6/19/2006	3428.13	47.50	NM	NA	3380.63
MW007A	4/16/2007	3428.13	47.11	NM	NA	3381.02
MW007A	3/19/2008	3428.13	47.12	NM	NA	3381.01
MW007A	3/11/2009	3428.13	47.64	NM	NA	3380.49
MW007A	3/1/2010	3428.13	47.85	NM	NA	3380.28
MW007A	8/3/2010	3428.13	47.89	NM	NA	3380.24
MW007A	5/6/2011	3428.13	47.68	NM	NA	3380.45
MW007A	11/4/2011	3428.13	47.63	NM	NA	3380.50
MW007A	5/4/2012	3428.13	48.02	NM	NA	3380.11
MW007A	10/23/2012	3428.13	48.23	NM	NA	3379.90
MW007A	5/2/2013	3428.13	48.44	NM	NA	3379.69
MW007A	10/29/2013	3428.13	48.51	NM	NA	3379.62

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW007A	5/5/2014	3428.13	48.56	NM	NA	3379.57
MW007A	11/4/2014	3428.13	47.96	NM	NA	3380.17
MW007A	5/6/2015	3428.13	47.86	NM	NA	3380.27
MW007A	11/2/2015	3428.13	47.81	NM	NA	3380.32
MW007A	5/12/2016	3428.13	47.71	NM	NA	3380.42
MW007A	9/22/2016	3428.13	47.50	NM	NA	3380.63
MW007A	5/3/2017	3428.13	47.04	NM	NA	3381.09
MW007A	9/18/2017	3428.13	46.88	NM	NA	3381.25
MW007A	3/20/2018	3428.13	46.73	NM	NA	3381.40
MW007A	9/14/2018	3428.13	47.13	NM	NA	3381.00
MW007A	4/10/2019	3428.13	46.58	NM	NA	3381.55
MW007A	10/7/2019	3428.13	46.86	NM	NA	3381.27
MW007A	3/9/2020	3428.13	46.95	NM	NA	3381.18
MW007A	9/24/2020	3428.13	46.74	NM	NA	3381.39
MW007A	3/8/2021	3428.13	46.73	NM	NA	3381.40
MW007A	10/12/2021	3428.13	46.79	NM	NA	3381.34
MW007A	2/14/2022	3428.13	46.85	NM	NA	3381.28
MW007A	10/12/2022	3428.13	42.22	NM	NA	3385.91
MW007A	2/21/2023	3428.13	47.48	NM	NA	3380.65
MW007A	10/2/2023	3428.13	47.59	NM	NA	3380.54
MW008	12/18/1997	3430.13	50.76	NM	NA	3379.37
MW008	11/16/1999	3430.13	52.25	NM	NA	3377.88
MW008	5/15/2001	3430.13	51.36	NM	NA	3378.77
MW008	8/23/2001	3430.13	51.72	NM	NA	3378.41
MW008	1/21/2002	3430.13	51.53	NM	NA	3378.60
MW008	4/4/2002	3430.13	51.60	NM	NA	3378.53
MW008	9/3/2002	3430.13	51.51	NM	NA	3378.62
MW008	12/2/2002	3430.13	51.27	NM	NA	3378.86
MW008	1/31/2003	3430.13	51.31	NM	NA	3378.82
MW008	3/28/2003	3430.13	51.31	NM	NA	3378.82
MW008	5/19/2003	3430.13	51.21	NM	NA	3378.92
MW008	9/9/2003	3430.13	51.33	NM	NA	3378.80
MW008	12/3/2003	3430.13	51.33	NM	NA	3378.80
MW008	3/30/2004	3430.13	51.40	NM	NA	3378.73
MW008	6/7/2004	3430.13	51.82	NM	NA	3378.31
MW008	11/30/2004	3430.13	50.64	NM	NA	3379.49
MW008	3/31/2005	3430.13	50.24	NM	NA	3379.89
MW008	5/23/2005	3430.13	50.14	NM	NA	3379.99
MW008	1/17/2006	3430.13	49.52	NM	NA	3380.61
MW008	6/19/2006	3430.13	49.37	NM	NA	3380.76
MW008	4/3/2007	3430.13	48.93	NM	NA	3381.20
MW008	3/24/2008	3430.13	48.80	NM	NA	3381.33
MW008	3/11/2009	3430.13	49.24	NM	NA	3380.89
MW008	3/1/2010	3430.13	49.52	NM	NA	3380.61
MW008	8/3/2010	3430.13	49.49	NM	NA	3380.64
MW008	5/6/2011	3430.13	49.30	NM	NA	3380.83
MW008	11/1/2011	3430.13	49.45	NM	NA	3380.68
MW008	5/4/2012	3430.13	49.58	NM	NA	3380.55
MW008	10/23/2012	3430.13	49.75	NM	NA	3380.38
MW008	5/2/2013	3430.13	49.93	NM	NA	3380.20
MW008	10/29/2013	3430.13	50.03	NM	NA	3380.10
MW008	5/5/2014	3430.13	50.10	NM	NA	3380.03
MW008	11/4/2014	3430.13	49.80	NM	NA	3380.33
MW008	5/6/2015	3430.13	49.48	NM	NA	3380.65
MW008	9/16/2015	3430.13	49.30	NM	NA	3380.83
MW008	5/12/2016	3430.13	49.36	NM	NA	3380.77
MW008	5/3/2017	3430.13	48.74	NM	NA	3381.39
MW008A	12/18/1997	3430.01	50.81	NM	NA	3379.20
MW008A	11/16/1999	3430.01	52.16	NM	NA	3377.85
MW008A	5/15/2001	3430.01	51.34	NM	NA	3378.67
MW008A	8/23/2001	3430.01	51.64	NM	NA	3378.37
MW008A	1/21/2002	3430.01	51.49	NM	NA	3378.52
MW008A	4/4/2002	3430.01	51.53	NM	NA	3378.48
MW008A	9/3/2002	3430.01	51.41	NM	NA	3378.60
MW008A	12/2/2002	3430.01	51.16	NM	NA	3378.85
MW008A	1/31/2003	3430.01	51.24	NM	NA	3378.77
MW008A	3/28/2003	3430.01	51.25	NM	NA	3378.76
MW008A	5/19/2003	3430.01	51.21	NM	NA	3378.80
MW008A	9/9/2003	3430.01	51.26	NM	NA	3378.75
MW008A	12/3/2003	3430.01	51.21	NM	NA	3378.80

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW008A	3/30/2004	3430.01	51.29	NM	NA	3378.72
MW008A	6/7/2004	3430.01	51.32	NM	NA	3378.69
MW008A	11/30/2004	3430.01	50.68	NM	NA	3379.33
MW008A	3/31/2005	3430.01	50.24	NM	NA	3379.77
MW008A	5/23/2005	3430.01	50.12	NM	NA	3379.89
MW008A	1/17/2006	3430.01	49.58	NM	NA	3380.43
MW008A	6/19/2006	3430.01	49.41	NM	NA	3380.60
MW008A	4/3/2007	3430.01	48.48	NM	NA	3381.53
MW008A	3/24/2008	3430.01	49.12	NM	NA	3380.89
MW008A	3/11/2009	3430.01	49.18	NM	NA	3380.83
MW008A	3/1/2010	3430.01	49.57	NM	NA	3380.44
MW008A	8/3/2010	3430.01	49.56	NM	NA	3380.45
MW008A	5/6/2011	3430.01	49.40	NM	NA	3380.61
MW008A	11/4/2011	3430.01	49.24	NM	NA	3380.77
MW008A	5/4/2012	3430.01	49.62	NM	NA	3380.39
MW008A	10/23/2012	3430.01	49.59	NM	NA	3380.42
MW008A	5/2/2013	3430.01	49.95	NM	NA	3380.06
MW008A	10/29/2013	3430.01	49.96	NM	NA	3380.05
MW008A	5/5/2014	3430.01	50.01	NM	NA	3380.00
MW008A	11/4/2014	3430.01	49.80	NM	NA	3380.21
MW008A	5/6/2015	3430.01	49.44	NM	NA	3380.57
MW008A	9/16/2015	3430.01	49.20	NM	NA	3380.81
MW008A	11/2/2015	3430.01	49.35	NM	NA	3380.66
MW008A	5/12/2016	3430.01	49.30	NM	NA	3380.71
MW008A	5/3/2017	3430.01	48.69	NM	NA	3381.32
MW008M	1/21/2002	3430.27	51.71	NM	NA	3378.56
MW008M	4/4/2002	3430.27	51.77	NM	NA	3378.50
MW008M	9/3/2002	3430.27	51.68	NM	NA	3378.59
MW008M	12/2/2002	3430.27	51.45	NM	NA	3378.82
MW008M	1/31/2003	3430.27	51.52	NM	NA	3378.75
MW008M	3/28/2003	3430.27	51.47	NM	NA	3378.80
MW008M	5/19/2003	3430.27	51.44	NM	NA	3378.83
MW008M	9/9/2003	3430.27	51.49	NM	NA	3378.78
MW008M	12/3/2003	3430.27	51.44	NM	NA	3378.83
MW008M	3/30/2004	3430.27	51.52	NM	NA	3378.75
MW008M	6/7/2004	3430.27	51.56	NM	NA	3378.71
MW008M	11/30/2004	3430.27	50.79	NM	NA	3379.48
MW008M	3/31/2005	3430.27	50.47	NM	NA	3379.80
MW008M	5/23/2005	3430.27	50.32	NM	NA	3379.95
MW008M	1/17/2006	3430.27	49.77	NM	NA	3380.50
MW008M	6/19/2006	3430.27	49.65	NM	NA	3380.62
MW008M	4/13/2007	3430.27	49.39	NM	NA	3380.88
MW008M	3/24/2008	3430.27	49.12	NM	NA	3381.15
MW008M	3/11/2009	3430.27	49.44	NM	NA	3380.83
MW008M	3/1/2010	3430.27	49.73	NM	NA	3380.54
MW008M	8/3/2010	3430.27	49.70	NM	NA	3380.57
MW008M	5/3/2011	3430.27	49.55	NM	NA	3380.72
MW008M	11/2/2011	3427.95	49.69	NM	NA	3378.26
MW008M	5/4/2012	3427.95	49.84	NM	NA	3378.11
MW008M	10/23/2012	3427.95	50.02	NM	NA	3377.93
MW008M	5/2/2013	3427.95	50.22	NM	NA	3377.73
MW008M	10/29/2013	3427.95	50.26	NM	NA	3377.69
MW008M	5/5/2014	3427.95	50.30	NM	NA	3377.65
MW008M	11/4/2014	3427.95	50.05	NM	NA	3377.90
MW008M	5/6/2015	3427.95	49.71	NM	NA	3378.24
MW008M	9/16/2015	3427.95	49.45	NM	NA	3378.50
MW008M	11/2/2015	3427.95	49.68	NM	NA	3378.27
MW008M	5/12/2016	3427.95	49.61	NM	NA	3378.34
MW008M	5/3/2017	3427.95	48.96	NM	NA	3378.99
MW008M	9/18/2017	3427.95	48.87	NM	NA	3379.08
MW008M	3/20/2018	3427.95	48.71	NM	NA	3379.24
MW008M	9/10/2018	3427.95	48.84	NM	NA	3379.11
MW008M	4/10/2019	3427.95	48.55	NM	NA	3379.40
MW008M	10/7/2019	3427.95	48.76	NM	NA	3379.19
MW008M	3/9/2020	3430.27	48.8	NM	NA	3381.47
MW008M	3/8/2021	3427.95	48.72	NM	NA	3379.23
MW008M	10/12/2021	3427.95	48.73	NM	NA	3379.22
MW008M	2/15/2022	3427.95	48.8	NM	NA	3379.15
MW008M	2/21/2023	3427.95	49.19	NM	NA	3378.76
MW009	12/18/1997	3427.63	48.98	NM	NA	3378.65

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Appendix C
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW009	11/16/1999	3427.63	50.38	NM	NA	3377.25
MW009	5/15/2001	3427.63	49.59	NM	NA	3378.04
MW009	8/23/2001	3427.63	49.85	NM	NA	3377.78
MW009	1/21/2002	3427.63	49.82	NM	NA	3377.81
MW009	4/4/2002	3427.63	49.88	NM	NA	3377.75
MW009	9/3/2002	3427.63	49.75	NM	NA	3377.88
MW009	12/2/2002	3427.63	49.55	NM	NA	3378.08
MW009	1/31/2003	3427.63	49.60	NM	NA	3378.03
MW009	3/28/2003	3427.63	49.57	NM	NA	3378.06
MW009	5/19/2003	3427.63	49.53	NM	NA	3378.10
MW009	9/9/2003	3427.63	49.66	NM	NA	3377.97
MW009	12/3/2003	3427.63	49.66	NM	NA	3377.97
MW009	3/30/2004	3427.63	49.88	NM	NA	3377.75
MW009	6/7/2004	3427.63	49.77	NM	NA	3377.86
MW009	9/17/2004	3427.63	49.60	NM	NA	3378.03
MW009	11/30/2004	3427.63	49.00	NM	NA	3378.63
MW009	3/31/2005	3427.63	48.61	NM	NA	3379.02
MW009	5/23/2005	3427.63	48.47	NM	NA	3379.16
MW009	1/17/2006	3427.63	47.90	NM	NA	3379.73
MW009	6/19/2006	3427.63	47.75	NM	NA	3379.88
MW009	3/18/2008	3427.63	47.49	NM	NA	3380.14
MW009	3/11/2009	3427.63	47.91	NM	NA	3379.72
MW009	3/1/2010	3427.63	48.16	NM	NA	3379.47
MW009	8/2/2010	3427.63	48.06	NM	NA	3379.57
MW009	5/6/2011	3427.63	48.02	NM	NA	3379.61
MW009	11/1/2011	3427.63	48.24	NM	NA	3379.39
MW009	5/3/2012	3427.63	48.35	NM	NA	3379.28
MW009	10/23/2012	3427.63	48.60	NM	NA	3379.03
MW009	5/1/2013	3427.63	48.81	NM	NA	3378.82
MW009	10/29/2013	3427.63	48.95	NM	NA	3378.68
MW009	5/5/2014	3427.63	49.03	NM	NA	3378.60
MW009	11/3/2014	3427.63	48.50	NM	NA	3379.13
MW009	5/5/2015	3427.63	48.21	NM	NA	3379.42
MW009	11/2/2015	3427.63	48.21	NM	NA	3379.42
MW009	5/12/2016	3427.63	47.99	NM	NA	3379.64
MW009	9/14/2016	3427.63	47.92	NM	NA	3379.71
MW009	5/2/2017	3427.63	47.37	NM	NA	3380.26
MW009A	12/18/1997	3427.48	49.03	NM	NA	3378.45
MW009A	11/16/1999	3427.48	50.22	NM	NA	3377.26
MW009A	5/15/2001	3427.48	49.42	NM	NA	3378.06
MW009A	8/23/2001	3427.48	49.64	NM	NA	3377.84
MW009A	1/21/2002	3427.48	49.68	NM	NA	3377.80
MW009A	4/4/2002	3427.48	49.78	NM	NA	3377.70
MW009A	9/3/2002	3427.48	49.55	NM	NA	3377.93
MW009A	12/2/2002	3427.48	49.40	NM	NA	3378.08
MW009A	1/31/2003	3427.48	49.45	NM	NA	3378.03
MW009A	3/28/2003	3427.48	49.44	NM	NA	3378.04
MW009A	5/19/2003	3427.48	49.43	NM	NA	3378.05
MW009A	9/9/2003	3427.48	49.52	NM	NA	3377.96
MW009A	12/3/2003	3427.48	49.63	NM	NA	3377.85
MW009A	3/30/2004	3427.48	49.73	NM	NA	3377.75
MW009A	6/7/2004	3427.48	49.65	NM	NA	3377.83
MW009A	9/17/2004	3427.48	49.48	NM	NA	3378.00
MW009A	11/30/2004	3427.48	48.91	NM	NA	3378.57
MW009A	3/31/2005	3427.48	48.42	NM	NA	3379.06
MW009A	5/23/2005	3427.48	48.33	NM	NA	3379.15
MW009A	1/17/2006	3427.48	47.73	NM	NA	3379.75
MW009A	6/19/2006	3427.48	47.52	NM	NA	3379.96
MW009A	4/4/2007	3427.48	47.31	NM	NA	3380.17
MW009A	3/19/2008	3427.48	47.29	NM	NA	3380.19
MW009A	3/11/2009	3427.48	47.73	NM	NA	3379.75
MW009A	3/1/2010	3427.48	47.96	NM	NA	3379.52
MW009A	8/2/2010	3427.48	47.97	NM	NA	3379.51
MW009A	5/6/2011	3427.48	47.81	NM	NA	3379.67
MW009A	11/4/2011	3427.48	48.02	NM	NA	3379.46
MW009A	5/3/2012	3427.48	48.16	NM	NA	3379.32
MW009A	10/23/2012	3427.48	48.40	NM	NA	3379.08
MW009A	5/1/2013	3427.48	48.58	NM	NA	3378.90
MW009A	10/29/2013	3427.48	48.76	NM	NA	3378.72
MW009A	5/5/2014	3427.48	48.81	NM	NA	3378.67

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Appendix C
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW009A	11/3/2014	3427.48	48.31	NM	NA	3379.17
MW009A	5/5/2015	3427.48	48.00	NM	NA	3379.48
MW009A	11/2/2015	3427.48	48.01	NM	NA	3379.47
MW009A	5/12/2016	3427.48	47.85	NM	NA	3379.63
MW009A	9/14/2016	3427.48	47.80	NM	NA	3379.68
MW009A	5/2/2017	3427.48	47.14	NM	NA	3380.34
MW010	12/18/1997	3419.42	43.22	NM	NA	3376.20
MW010	11/16/1999	3419.42	41.27	NM	NA	3378.15
MW010	5/15/2001	3419.42	40.37	NM	NA	3379.05
MW010	8/23/2001	3419.42	40.61	NM	NA	3378.81
MW010	1/21/2002	3419.42	40.71	NM	NA	3378.71
MW010	4/4/2002	3419.42	40.85	NM	NA	3378.57
MW010	9/3/2002	3419.42	40.65	NM	NA	3378.77
MW010	12/2/2002	3419.42	40.50	NM	NA	3378.92
MW010	1/30/2003	3419.42	40.51	NM	NA	3378.91
MW010	3/28/2003	3419.42	40.46	NM	NA	3378.96
MW010	5/19/2003	3419.42	40.52	NM	NA	3378.90
MW010	9/9/2003	3419.42	40.52	NM	NA	3378.90
MW010	12/7/2003	3419.42	40.59	NM	NA	3378.83
MW010	3/30/2004	3419.42	40.81	NM	NA	3378.61
MW010	6/7/2004	3419.42	40.74	NM	NA	3378.68
MW010	9/17/2004	3419.42	40.50	NM	NA	3378.92
MW010	11/30/2004	3419.42	40.11	NM	NA	3379.31
MW010	3/31/2005	3419.42	39.63	NM	NA	3379.79
MW010	5/23/2005	3419.42	39.42	NM	NA	3380.00
MW010	1/16/2006	3419.42	39.15	NM	NA	3380.27
MW010	6/16/2006	3419.42	38.97	NM	NA	3380.45
MW010	4/11/2007	3419.42	38.57	NM	NA	3380.85
MW010	3/19/2008	3419.42	39.14	NM	NA	3380.28
MW010	8/4/2008	3419.42	38.94	NM	NA	3380.48
MW010	3/11/2009	3419.42	39.16	NM	NA	3380.26
MW010	7/29/2009	3419.42	39.31	NM	NA	3380.11
MW010	3/1/2010	3419.42	39.40	NM	NA	3380.02
MW010	8/2/2010	3419.42	39.36	NM	NA	3380.06
MW010	5/3/2011	3419.42	93.36	NM	NA	3326.06
MW010	11/1/2011	3419.42	49.50	NM	NA	3369.92
MW010	5/1/2012	3419.42	39.51	NM	NA	3379.91
MW010	10/24/2012	3419.42	39.77	NM	NA	3379.65
MW010	5/1/2013	3419.42	39.91	NM	NA	3379.51
MW010	10/28/2013	3419.42	40.06	NM	NA	3379.36
MW010	5/5/2014	3419.42	40.15	NM	NA	3379.27
MW010	11/3/2014	3419.42	39.62	NM	NA	3379.80
MW010	5/6/2015	3419.42	39.40	NM	NA	3380.02
MW010	11/2/2015	3419.42	39.40	NM	NA	3380.02
MW010	5/10/2016	3419.42	39.14	NM	NA	3380.28
MW010	9/22/2016	3419.42	39.10	NM	NA	3380.32
MW010	5/2/2017	3419.42	38.44	NM	NA	3380.98
MW010	9/18/2017	3419.42	38.34	NM	NA	3381.08
MW010	3/20/2018	3419.42	38.00	NM	NA	3381.42
MW010	9/13/2018	3419.42	38.72	NM	NA	3380.70
MW010	4/10/2019	3419.42	37.99	NM	NA	3381.43
MW010	10/7/2019	3419.42	38.3	NM	NA	3381.12
MW010	3/9/2020	3419.42	25.34	NM	NA	3394.08
MW010	3/10/2021	3419.42	38.06	NM	NA	3381.36
MW010	10/11/2021	3419.42	38.11	NM	NA	3381.31
MW010	2/14/2022	3419.42	38.36	NM	NA	3381.06
MW010	2/21/2023	3419.42	39.02	NM	NA	3380.40
MW011	11/16/1999	3431.49	53.58	NM	NA	3377.91
MW011	5/15/2001	3431.49	52.78	NM	NA	3378.71
MW011	8/23/2001	3431.49	52.96	NM	NA	3378.53
MW011	1/21/2002	3431.49	52.84	NM	NA	3378.65
MW011	4/4/2002	3431.49	52.89	NM	NA	3378.60
MW011	9/3/2002	3431.49	52.80	NM	NA	3378.69
MW011	12/2/2002	3431.49	52.56	NM	NA	3378.93
MW011	1/30/2003	3431.49	52.51	NM	NA	3378.98
MW011	3/28/2003	3431.49	52.63	NM	NA	3378.86
MW011	5/19/2003	3431.49	52.58	NM	NA	3378.91
MW011	9/9/2003	3431.49	52.60	NM	NA	3378.89
MW011	12/3/2003	3431.49	52.52	NM	NA	3378.97
MW011	3/30/2004	3431.49	52.56	NM	NA	3378.93

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW011	6/7/2004	3431.49	52.61	NM	NA	3378.88
MW011	11/30/2004	3431.49	52.16	NM	NA	3379.33
MW011	3/31/2005	3431.49	52.82	NM	NA	3378.67
MW011	5/23/2005	3431.49	51.58	NM	NA	3379.91
MW011	1/16/2006	3431.49	51.16	NM	NA	3380.33
MW011	6/19/2006	3431.49	50.92	NM	NA	3380.57
MW011	3/29/2007	3431.49	50.57	NM	NA	3380.92
MW011	3/24/2008	3431.49	50.30	NM	NA	3381.19
MW011	3/11/2009	3431.49	50.53	NM	NA	3380.96
MW011	3/1/2010	3431.49	50.76	NM	NA	3380.73
MW011	8/3/2010	3431.49	50.81	NM	NA	3380.68
MW011	5/6/2011	3431.49	50.60	NM	NA	3380.89
MW011	11/2/2011	3431.49	50.71	NM	NA	3380.78
MW011	5/3/2012	3431.49	50.80	NM	NA	3380.69
MW011	10/23/2012	3431.49	50.91	NM	NA	3380.58
MW011	5/2/2013	3431.49	51.12	NM	NA	3380.37
MW011	10/29/2013	3431.49	51.13	NM	NA	3380.36
MW011	5/5/2014	3431.49	51.25	NM	NA	3380.24
MW011	11/3/2014	3431.49	50.75	NM	NA	3380.74
MW011	5/6/2015	3431.49	50.76	NM	NA	3380.73
MW011	9/16/2015	3431.49	50.80	NM	NA	3380.69
MW011	11/2/2015	3431.49	50.70	NM	NA	3380.79
MW011	5/12/2016	3431.49	50.71	NM	NA	3380.78
MW011	5/3/2017	3431.49	50.16	NM	NA	3381.33
MW011A	12/18/1997	3431.77	51.49	NM	NA	3380.28
MW011A	11/16/1999	3431.77	53.49	NM	NA	3378.28
MW011A	5/15/2001	3431.77	53.07	NM	NA	3378.70
MW011A	8/23/2001	3431.77	53.20	NM	NA	3378.57
MW011A	1/21/2002	3431.77	53.04	NM	NA	3378.73
MW011A	4/4/2002	3431.77	53.13	NM	NA	3378.64
MW011A	9/3/2002	3431.77	53.01	NM	NA	3378.76
MW011A	12/2/2002	3431.77	52.76	NM	NA	3379.01
MW011A	1/30/2003	3431.77	52.72	NM	NA	3379.05
MW011A	3/28/2003	3431.77	52.85	NM	NA	3378.92
MW011A	5/19/2003	3431.77	52.78	NM	NA	3378.99
MW011A	9/9/2003	3431.77	52.82	NM	NA	3378.95
MW011A	12/3/2003	3431.77	52.83	NM	NA	3378.94
MW011A	3/30/2004	3431.77	53.04	NM	NA	3378.73
MW011A	6/7/2004	3431.77	53.03	NM	NA	3378.74
MW011A	11/30/2004	3431.77	53.03	NM	NA	3378.74
MW011A	3/31/2005	3431.77	52.18	NM	NA	3379.59
MW011A	5/23/2005	3431.77	51.94	NM	NA	3379.83
MW011A	1/16/2006	3431.77	51.45	NM	NA	3380.32
MW011A	6/19/2006	3431.77	51.25	NM	NA	3380.52
MW011A	3/29/2007	3431.77	50.88	NM	NA	3380.89
MW011A	3/24/2008	3431.77	50.69	NM	NA	3381.08
MW011A	3/11/2009	3431.77	50.94	NM	NA	3380.83
MW011A	3/1/2010	3431.77	51.17	NM	NA	3380.60
MW011A	8/3/2010	3431.77	51.21	NM	NA	3380.56
MW011A	5/6/2011	3431.77	51.02	NM	NA	3380.75
MW011A	11/4/2011	3431.77	51.30	NM	NA	3380.47
MW011A	5/3/2012	3431.77	51.21	NM	NA	3380.56
MW011A	10/23/2012	3431.77	51.36	NM	NA	3380.41
MW011A	5/1/2013	3431.77	51.60	NM	NA	3380.17
MW011A	10/29/2013	3431.77	51.56	NM	NA	3380.21
MW011A	5/5/2014	3431.77	51.65	NM	NA	3380.12
MW011A	11/3/2014	3431.77	51.41	NM	NA	3380.36
MW011A	5/6/2015	3431.77	51.22	NM	NA	3380.55
MW011A	9/16/2015	3431.77	50.93	NM	NA	3380.84
MW011A	11/2/2015	3431.77	51.06	NM	NA	3380.71
MW011A	5/12/2016	3431.77	51.09	NM	NA	3380.68
MW011A	5/3/2017	3431.77	50.51	NM	NA	3381.26
MW011A	9/18/2017	3431.77	50.38	NM	NA	3381.39
MW011A	3/20/2018	3431.77	50.25	NM	NA	3381.52
MW011A	9/10/2018	3431.77	50.21	NM	NA	3381.56
MW011A	4/10/2019	3431.77	49.91	NM	NA	3381.86
MW011A	10/7/2019	3431.77	50.11	NM	NA	3381.66
MW011A	3/9/2020	3431.77	50.15	NM	NA	3381.62
MW011A	9/23/2020	3431.77	49.98	NM	NA	3381.79
MW011A	3/12/2021	3431.77	49.99	NM	NA	3381.78

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW011A	10/12/2021	3431.77	50.02	NM	NA	3381.75
MW011A	2/15/2022	3431.77	49.86	NM	NA	3381.91
MW011A	10/11/2022	3431.77	50.36	NM	NA	3381.41
MW011A	2/21/2023	3431.77	50.41	NM	NA	3381.36
MW011A	10/2/2023	3431.77	50.65	NM	NA	3381.12
MW011M	1/21/2002	3431.21	52.68	NM	NA	3378.53
MW011M	4/4/2002	3431.21	52.63	NM	NA	3378.58
MW011M	9/3/2002	3431.21	52.54	NM	NA	3378.67
MW011M	12/2/2002	3431.21	52.32	NM	NA	3378.89
MW011M	1/30/2003	3431.21	52.25	NM	NA	3378.96
MW011M	3/28/2003	3431.21	52.32	NM	NA	3378.89
MW011M	5/19/2003	3431.21	52.31	NM	NA	3378.90
MW011M	9/9/2003	3431.21	52.30	NM	NA	3378.91
MW011M	12/3/2003	3431.21	52.25	NM	NA	3378.96
MW011M	3/30/2004	3431.21	52.31	NM	NA	3378.90
MW011M	6/7/2004	3431.21	52.34	NM	NA	3378.87
MW011M	11/30/2004	3431.21	51.91	NM	NA	3379.30
MW011M	3/31/2005	3431.21	52.62	NM	NA	3378.59
MW011M	5/23/2005	3431.21	51.38	NM	NA	3379.83
MW011M	1/16/2006	3431.21	50.90	NM	NA	3380.31
MW011M	6/19/2006	3431.21	50.65	NM	NA	3380.56
MW011M	3/29/2007	3431.21	50.15	NM	NA	3381.06
MW011M	3/24/2008	3431.21	49.97	NM	NA	3381.24
MW011M	3/11/2009	3431.21	50.21	NM	NA	3381.00
MW011M	3/1/2010	3431.21	50.59	NM	NA	3380.62
MW011M	8/3/2010	3431.21	50.56	NM	NA	3380.65
MW011M	5/6/2011	3431.21	50.33	NM	NA	3380.88
MW011M	11/1/2011	3431.21	50.47	NM	NA	3380.74
MW011M	5/3/2012	3431.21	50.54	NM	NA	3380.67
MW011M	10/23/2012	3431.21	50.68	NM	NA	3380.53
MW011M	5/2/2013	3431.21	50.88	NM	NA	3380.33
MW011M	10/29/2013	3431.21	50.87	NM	NA	3380.34
MW011M	5/5/2014	3431.21	50.98	NM	NA	3380.23
MW011M	5/6/2015	3431.21	50.56	NM	NA	3380.65
MW011M	9/16/2015	3431.21	48.25	NM	NA	3382.96
MW011M	11/2/2015	3431.21	50.45	NM	NA	3380.76
MW011M	5/12/2016	3431.21	48.34	NM	NA	3382.87
MW011M	5/3/2017	3431.21	47.81	NM	NA	3383.40
MW012	11/16/1999	3429.51	51.12	NM	NA	3378.39
MW012	5/15/2001	3429.51	50.50	NM	NA	3379.01
MW012	8/23/2001	3429.51	50.50	NM	NA	3379.01
MW012	1/21/2002	3429.51	50.48	NM	NA	3379.03
MW012	4/5/2002	3429.51	50.49	NM	NA	3379.02
MW012	9/3/2002	3429.51	50.40	NM	NA	3379.11
MW012	12/2/2002	3429.51	50.25	NM	NA	3379.26
MW012	1/30/2003	3429.51	50.13	NM	NA	3379.38
MW012	3/28/2003	3429.51	50.25	NM	NA	3379.26
MW012	5/19/2003	3429.51	50.15	NM	NA	3379.36
MW012	9/9/2003	3429.51	50.11	NM	NA	3379.40
MW012	12/3/2003	3429.51	50.05	NM	NA	3379.46
MW012	3/30/2004	3429.51	50.18	NM	NA	3379.33
MW012	6/7/2004	3429.51	50.13	NM	NA	3379.38
MW012	11/30/2004	3429.51	49.66	NM	NA	3379.85
MW012	3/31/2005	3429.51	49.58	NM	NA	3379.93
MW012	5/23/2005	3429.51	49.23	NM	NA	3380.28
MW012	1/16/2006	3429.51	48.88	NM	NA	3380.63
MW012	6/19/2006	3429.51	48.65	NM	NA	3380.86
MW012	4/2/2007	3429.51	48.21	NM	NA	3381.30
MW012	3/21/2008	3429.51	47.70	NM	NA	3381.81
MW012	3/11/2009	3429.51	48.26	NM	NA	3381.25
MW012	3/1/2010	3429.51	48.56	NM	NA	3380.95
MW012	8/3/2010	3429.51	48.62	NM	NA	3380.89
MW012	5/6/2011	3429.51	48.87	NM	NA	3380.64
MW012	11/2/2011	3429.51	48.47	NM	NA	3381.04
MW012	5/3/2012	3429.51	48.57	NM	NA	3380.94
MW012	10/24/2012	3429.51	48.65	NM	NA	3380.86
MW012	5/1/2013	3429.51	48.81	NM	NA	3380.70
MW012	10/29/2013	3429.51	48.89	NM	NA	3380.62
MW012	5/5/2014	3429.51	48.96	NM	NA	3380.55
MW012	11/3/2014	3429.51	48.81	NM	NA	3380.70

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW012	5/6/2015	3429.51	48.56	NM	NA	3380.95
MW012	9/16/2015	3429.51	48.36	NM	NA	3381.15
MW012	11/2/2015	3429.51	48.48	NM	NA	3381.03
MW012	5/9/2016	3429.51	48.31	NM	NA	3381.20
MW012	5/2/2017	3429.51	47.88	NM	NA	3381.63
MW012A	12/18/1997	3429.92	49.73	NM	NA	3380.19
MW012A	11/16/1999	3429.92	51.50	NM	NA	3378.42
MW012A	5/15/2001	3429.92	50.83	NM	NA	3379.09
MW012A	8/23/2001	3429.92	50.89	NM	NA	3379.03
MW012A	1/21/2002	3429.92	50.84	NM	NA	3379.08
MW012A	4/5/2002	3429.92	50.90	NM	NA	3379.02
MW012A	9/3/2002	3429.92	50.80	NM	NA	3379.12
MW012A	12/2/2002	3429.92	50.65	NM	NA	3379.27
MW012A	1/30/2003	3429.92	50.55	NM	NA	3379.37
MW012A	3/28/2003	3429.92	50.66	NM	NA	3379.26
MW012A	5/19/2003	3429.92	50.63	NM	NA	3379.29
MW012A	9/9/2003	3429.92	50.52	NM	NA	3379.40
MW012A	12/3/2003	3429.92	50.51	NM	NA	3379.41
MW012A	3/30/2004	3429.92	50.67	NM	NA	3379.25
MW012A	6/7/2004	3429.92	50.52	NM	NA	3379.40
MW012A	11/30/2004	3429.92	50.28	NM	NA	3379.64
MW012A	3/31/2005	3429.92	49.97	NM	NA	3379.95
MW012A	5/23/2005	3429.92	49.77	NM	NA	3380.15
MW012A	1/16/2006	3429.92	49.13	NM	NA	3380.79
MW012A	6/19/2006	3429.92	49.00	NM	NA	3380.92
MW012A	4/2/2007	3429.92	48.35	NM	NA	3381.57
MW012A	3/21/2008	3429.92	48.37	NM	NA	3381.55
MW012A	3/11/2009	3429.92	48.65	NM	NA	3381.27
MW012A	3/1/2010	3429.92	48.93	NM	NA	3380.99
MW012A	8/3/2010	3429.92	48.99	NM	NA	3380.93
MW012A	5/6/2011	3429.92	48.87	NM	NA	3381.05
MW012A	11/4/2011	3429.92	48.81	NM	NA	3381.11
MW012A	5/3/2012	3429.92	49.00	NM	NA	3380.92
MW012A	5/1/2013	3429.92	49.22	NM	NA	3380.70
MW012A	10/29/2013	3429.92	49.31	NM	NA	3380.61
MW012A	5/5/2014	3429.92	49.39	NM	NA	3380.53
MW012A	11/3/2014	3429.92	49.22	NM	NA	3380.70
MW012A	5/6/2015	3429.92	48.95	NM	NA	3380.97
MW012A	9/16/2015	3429.92	48.71	NM	NA	3381.21
MW012A	11/2/2015	3429.92	48.84	NM	NA	3381.08
MW012A	5/9/2016	3429.92	48.70	NM	NA	3381.22
MW012A	5/2/2017	3429.92	48.26	NM	NA	3381.66
MW012M	1/21/2002	3430.06	50.95	NM	NA	3379.11
MW012M	4/5/2002	3430.06	51.37	NM	NA	3378.69
MW012M	9/3/2002	3430.06	50.89	NM	NA	3379.17
MW012M	12/2/2002	3430.06	50.75	NM	NA	3379.31
MW012M	1/30/2003	3430.06	50.65	NM	NA	3379.41
MW012M	3/28/2003	3430.06	50.76	NM	NA	3379.30
MW012M	5/19/2003	3430.06	50.71	NM	NA	3379.35
MW012M	9/9/2003	3430.06	50.63	NM	NA	3379.43
MW012M	12/3/2003	3430.06	50.63	NM	NA	3379.43
MW012M	3/30/2004	3430.06	50.70	NM	NA	3379.36
MW012M	6/7/2004	3430.06	50.32	NM	NA	3379.74
MW012M	11/30/2004	3430.06	50.30	NM	NA	3379.76
MW012M	3/31/2005	3430.06	50.19	NM	NA	3379.87
MW012M	5/23/2005	3430.06	49.64	NM	NA	3380.42
MW012M	1/16/2006	3430.06	49.50	NM	NA	3380.56
MW012M	6/19/2006	3430.06	48.41	NM	NA	3381.65
MW012M	4/5/2007	3430.06	49.10	NM	NA	3380.96
MW012M	3/21/2008	3430.06	48.79	NM	NA	3381.27
MW012M	3/11/2009	3430.06	48.90	NM	NA	3381.16
MW012M	3/1/2010	3430.06	49.62	NM	NA	3380.44
MW012M	8/3/2010	3430.06	49.26	NM	NA	3380.80
MW012M	5/4/2011	3430.06	49.11	NM	NA	3380.95
MW012M	11/2/2011	3430.06	49.06	NM	NA	3381.00
MW012M	5/3/2012	3430.06	49.18	NM	NA	3380.88
MW012M	10/24/2012	3430.06	49.28	NM	NA	3380.78
MW012M	5/1/2013	3430.06	49.46	NM	NA	3380.60
MW012M	10/29/2013	3430.06	49.46	NM	NA	3380.60
MW012M	5/5/2014	3430.06	49.60	NM	NA	3380.46

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Appendix C
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW012M	11/3/2014	3430.06	49.44	NM	NA	3380.62
MW012M	5/6/2015	3430.06	49.16	NM	NA	3380.90
MW012M	9/16/2015	3430.06	48.94	NM	NA	3381.12
MW012M	11/2/2015	3430.06	49.05	NM	NA	3381.01
MW012M	5/9/2016	3430.06	48.87	NM	NA	3381.19
MW012M	5/2/2017	3430.06	48.15	NM	NA	3381.91
MW012M	3/20/2018	3430.06	48.17	NM	NA	3381.89
MW012M	4/10/2019	3430.06	47.92	NM	NA	3382.14
MW012M	3/9/2020	3430.06	49.15	NM	NA	3380.91
MW012M	3/8/2021	3430.06	47.99	NM	NA	3382.07
MW012M	10/11/2021	3430.06	47.95	NM	NA	3382.11
MW012M	2/14/2022	3430.06	48.08	NM	NA	3381.98
MW012M	2/21/2023	3430.06	48.44	NM	NA	3381.62
MW013	12/18/1997	3424.11	46.98	NM	NA	3377.13
MW013	11/16/1999	3424.11	44.81	NM	NA	3379.30
MW013	5/15/2001	3424.11	45.05	NM	NA	3379.06
MW013	8/23/2001	3424.11	45.11	NM	NA	3379.00
MW013	1/21/2002	3424.11	45.14	NM	NA	3378.97
MW013	4/5/2002	3424.11	45.22	NM	NA	3378.89
MW013	9/3/2002	3424.11	45.11	NM	NA	3379.00
MW013	12/2/2002	3424.11	44.91	NM	NA	3379.20
MW013	1/30/2003	3424.11	44.84	NM	NA	3379.27
MW013	3/28/2003	3424.11	45.91	NM	NA	3378.20
MW013	5/19/2003	3424.11	44.90	NM	NA	3379.21
MW013	9/9/2003	3424.11	44.89	NM	NA	3379.22
MW013	12/2/2003	3424.11	44.75	NM	NA	3379.36
MW013	3/30/2004	3424.11	44.94	NM	NA	3379.17
MW013	6/7/2004	3424.11	44.98	NM	NA	3379.13
MW013	9/17/2004	3424.11	44.82	NM	NA	3379.29
MW013	11/30/2004	3424.11	44.53	NM	NA	3379.58
MW013	3/31/2005	3424.11	44.05	NM	NA	3380.06
MW013	5/23/2005	3424.11	43.85	NM	NA	3380.26
MW013	1/16/2006	3424.11	43.47	NM	NA	3380.64
MW013	6/16/2006	3424.11	43.21	NM	NA	3380.90
MW013	4/18/2007	3424.11	42.83	NM	NA	3381.28
MW013	9/19/2007	3424.11	42.63	NM	NA	3381.48
MW013	3/18/2008	3424.11	42.65	NM	NA	3381.46
MW013	8/4/2008	3424.11	42.96	NM	NA	3381.15
MW013	3/11/2009	3424.11	43.19	NM	NA	3380.92
MW013	7/29/2009	3424.11	43.30	NM	NA	3380.81
MW013	3/1/2010	3424.11	43.41	NM	NA	3380.70
MW013	8/2/2010	3424.11	40.42	NM	NA	3383.69
MW013	5/4/2011	3424.11	43.30	NM	NA	3380.81
MW013	11/1/2011	3423.11	43.30	NM	NA	3379.81
MW013	5/1/2012	3423.11	43.40	NM	NA	3379.71
MW013	10/24/2012	3423.11	43.61	NM	NA	3379.50
MW013	5/1/2013	3423.11	43.76	NM	NA	3379.35
MW013	10/29/2013	3423.11	43.90	NM	NA	3379.21
MW013	5/5/2014	3423.11	43.93	NM	NA	3379.18
MW013	11/3/2014	3423.11	43.65	NM	NA	3379.46
MW013	5/6/2015	3423.11	43.38	NM	NA	3379.73
MW013	11/2/2015	3423.11	43.28	NM	NA	3379.83
MW013	5/10/2016	3423.11	43.19	NM	NA	3379.92
MW013	9/22/2016	3423.11	43.07	NM	NA	3380.04
MW013	5/2/2017	3423.11	42.52	NM	NA	3380.59
MW013	9/18/2017	3423.11	42.46	NM	NA	3380.65
MW013	3/20/2018	3423.11	42.23	NM	NA	3380.88
MW013	9/13/2018	3423.11	42.13	NM	NA	3380.98
MW013	4/10/2019	3423.11	42.11	NM	NA	3381.00
MW013	10/8/2019	3423.11	42.27	NM	NA	3380.84
MW013	3/9/2020	3423.11	42.36	NM	NA	3380.75
MW013	9/23/2020	3423.11	42.11	NM	NA	3381.00
MW013	3/10/2021	3423.11	42.21	NM	NA	3380.90
MW013	10/11/2021	3423.11	42.18	NM	NA	3380.93
MW013	2/14/2022	3423.11	42.35	NM	NA	3380.76
MW013	10/12/2022	3423.11	42.69	NM	NA	3380.42
MW013	2/21/2023	3423.11	42.80	NM	NA	3380.31
MW013	10/4/2023	3423.11	47.44	NM	NA	3375.67
MW013A	12/18/1997	3424.25	46.84	NM	NA	3377.41
MW013A	11/16/1999	3424.25	45.79	NM	NA	3378.46

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW013A	5/15/2001	3424.25	45.06	NM	NA	3379.19
MW013A	8/23/2001	3424.25	45.22	NM	NA	3379.03
MW013A	1/21/2002	3424.25	45.17	NM	NA	3379.08
MW013A	4/5/2002	3424.25	45.23	NM	NA	3379.02
MW013A	9/3/2002	3424.25	45.15	NM	NA	3379.10
MW013A	12/2/2002	3424.25	44.94	NM	NA	3379.31
MW013A	1/30/2003	3424.25	44.80	NM	NA	3379.45
MW013A	3/28/2003	3424.25	44.96	NM	NA	3379.29
MW013A	5/19/2003	3424.25	44.91	NM	NA	3379.34
MW013A	9/9/2003	3424.25	44.89	NM	NA	3379.36
MW013A	12/2/2003	3424.25	44.78	NM	NA	3379.47
MW013A	3/30/2004	3424.25	45.01	NM	NA	3379.24
MW013A	6/7/2004	3424.25	44.96	NM	NA	3379.29
MW013A	9/17/2004	3424.25	44.80	NM	NA	3379.45
MW013A	11/30/2004	3424.25	44.56	NM	NA	3379.69
MW013A	3/31/2005	3424.25	44.06	NM	NA	3380.19
MW013A	5/23/2005	3424.25	43.82	NM	NA	3380.43
MW013A	1/16/2006	3424.25	43.42	NM	NA	3380.83
MW013A	6/16/2006	3424.25	43.19	NM	NA	3381.06
MW013A	4/16/2007	3424.25	42.81	NM	NA	3381.44
MW013A	9/20/2007	3424.25	42.62	NM	NA	3381.63
MW013A	3/19/2008	3424.25	42.68	NM	NA	3381.57
MW013A	8/4/2008	3424.25	42.44	NM	NA	3381.81
MW013A	3/10/2009	3424.25	43.05	NM	NA	3381.20
MW013A	7/29/2009	3424.25	43.30	NM	NA	3380.95
MW013A	3/1/2010	3424.25	43.39	NM	NA	3380.86
MW013A	8/2/2010	3424.25	43.40	NM	NA	3380.85
MW013A	5/3/2011	3424.25	33.28	NM	NA	3390.97
MW013A	11/2/2011	3424.25	43.29	NM	NA	3380.96
MW013A	5/1/2012	3424.25	43.36	NM	NA	3380.89
MW013A	10/24/2012	3424.25	43.60	NM	NA	3380.65
MW013A	5/1/2013	3424.25	43.75	NM	NA	3380.50
MW013A	10/29/2013	3424.25	43.89	NM	NA	3380.36
MW013A	5/5/2014	3424.25	43.91	NM	NA	3380.34
MW013A	11/3/2014	3424.25	43.60	NM	NA	3380.65
MW013A	5/6/2015	3424.25	43.32	NM	NA	3380.93
MW013A	11/3/2015	3424.25	43.24	NM	NA	3381.01
MW013A	5/10/2016	3424.25	43.14	NM	NA	3381.11
MW013A	9/22/2016	3424.25	43.06	NM	NA	3381.19
MW013A	5/2/2017	3424.25	42.50	NM	NA	3381.75
MW014	11/16/1999	3424.05	45.22	NM	NA	3378.83
MW014	5/15/2001	3424.05	44.61	NM	NA	3379.44
MW014	8/23/2001	3424.05	44.48	NM	NA	3379.57
MW014	1/21/2002	3424.05	44.49	NM	NA	3379.56
MW014	4/5/2002	3424.05	44.60	NM	NA	3379.45
MW014	9/3/2002	3424.05	44.25	NM	NA	3379.80
MW014	12/2/2002	3424.05	44.24	NM	NA	3379.81
MW014	1/30/2003	3424.05	44.19	NM	NA	3379.86
MW014	3/28/2003	3424.05	44.31	NM	NA	3379.74
MW014	5/19/2003	3424.05	44.25	NM	NA	3379.80
MW014	9/9/2003	3424.05	44.18	NM	NA	3379.87
MW014	12/2/2003	3424.05	44.03	NM	NA	3380.02
MW014	3/30/2004	3424.05	44.25	NM	NA	3379.80
MW014	6/7/2004	3424.05	44.18	NM	NA	3379.87
MW014	9/14/2004	3424.05	44.16	NM	NA	3379.89
MW014	11/30/2004	3424.05	43.98	NM	NA	3380.07
MW014	3/31/2005	3424.05	43.57	NM	NA	3380.48
MW014	5/23/2005	3424.05	40.76	NM	NA	3383.29
MW014	1/17/2006	3424.05	42.89	NM	NA	3381.16
MW014	6/16/2006	3424.05	42.78	NM	NA	3381.27
MW014	3/26/2007	3424.05	42.37	NM	NA	3381.68
MW014	9/19/2007	3424.05	42.14	NM	NA	3381.91
MW014	3/19/2008	3424.05	42.22	NM	NA	3381.83
MW014	3/11/2009	3424.05	42.69	NM	NA	3381.36
MW014	7/29/2009	3424.05	42.83	NM	NA	3381.22
MW014	3/1/2010	3424.05	42.97	NM	NA	3381.08
MW014	8/2/2010	3424.05	47.98	NM	NA	3376.07
MW014	5/3/2011	3424.05	42.56	NM	NA	3381.49
MW014	11/1/2011	3424.08	42.89	NM	NA	3381.19
MW014	5/1/2012	3424.08	42.91	NM	NA	3381.17

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW014	10/24/2012	3424.08	43.12	NM	NA	3380.96
MW014	4/30/2013	3424.08	43.20	NM	NA	3380.88
MW014	10/29/2013	3424.08	43.34	NM	NA	3380.74
MW014	5/5/2014	3424.08	43.40	NM	NA	3380.68
MW014	11/3/2014	3424.08	43.20	NM	NA	3380.88
MW014	5/6/2015	3424.08	43.05	NM	NA	3381.03
MW014	11/2/2015	3424.08	42.85	NM	NA	3381.23
MW014A	12/18/1997	3423.93	45.93	NM	NA	3378.00
MW014A	11/16/1999	3423.93	44.89	NM	NA	3379.04
MW014A	5/15/2001	3423.93	44.40	NM	NA	3379.53
MW014A	8/23/2001	3423.93	44.27	NM	NA	3379.66
MW014A	1/21/2002	3423.93	44.25	NM	NA	3379.68
MW014A	4/5/2002	3423.93	44.37	NM	NA	3379.56
MW014A	9/3/2002	3423.93	44.20	NM	NA	3379.73
MW014A	12/2/2002	3423.93	43.99	NM	NA	3379.94
MW014A	1/30/2003	3423.93	43.95	NM	NA	3379.98
MW014A	3/28/2003	3423.93	44.16	NM	NA	3379.77
MW014A	5/19/2003	3423.93	44.01	NM	NA	3379.92
MW014A	9/9/2003	3423.93	43.93	NM	NA	3380.00
MW014A	12/2/2003	3423.93	43.96	NM	NA	3379.97
MW014A	3/30/2004	3423.93	44.05	NM	NA	3379.88
MW014A	6/7/2004	3423.93	43.98	NM	NA	3379.95
MW014A	9/16/2004	3423.93	43.89	NM	NA	3380.04
MW014A	11/30/2004	3423.93	43.71	NM	NA	3380.22
MW014A	3/31/2005	3423.93	43.30	NM	NA	3380.63
MW014A	5/23/2005	3423.93	43.04	NM	NA	3380.89
MW014A	1/17/2006	3423.93	42.65	NM	NA	3381.28
MW014A	6/16/2006	3423.93	42.49	NM	NA	3381.44
MW014A	3/21/2007	3423.93	42.15	NM	NA	3381.78
MW014A	9/12/2007	3423.93	41.92	NM	NA	3382.01
MW014A	3/18/2008	3423.93	41.31	NM	NA	3382.62
MW014A	3/10/2009	3423.93	42.33	NM	NA	3381.60
MW014A	7/28/2009	3423.93	42.65	NM	NA	3381.28
MW014A	3/1/2010	3423.93	42.67	NM	NA	3381.26
MW014A	8/2/2010	3423.93	47.70	NM	NA	3376.23
MW014A	5/3/2011	3423.93	42.86	NM	NA	3381.07
MW014A	11/2/2011	3423.90	42.65	NM	NA	3381.25
MW014A	5/1/2012	3423.90	42.62	NM	NA	3381.28
MW014A	10/24/2012	3423.90	42.81	NM	NA	3381.09
MW014A	4/30/2013	3423.90	42.91	NM	NA	3380.99
MW014A	10/29/2013	3423.90	43.00	NM	NA	3380.90
MW014A	5/5/2014	3423.90	43.12	NM	NA	3380.78
MW014A	11/3/2014	3423.90	42.93	NM	NA	3380.97
MW014A	5/6/2015	3423.90	42.66	NM	NA	3381.24
MW014A	11/3/2015	3423.90	42.54	NM	NA	3381.36
MW015	11/16/1999	3420.40	41.46	NM	NA	3378.94
MW015	5/15/2001	3420.40	40.85	NM	NA	3379.55
MW015	8/23/2001	3420.40	40.85	NM	NA	3379.55
MW015	1/21/2002	3420.40	40.81	NM	NA	3379.59
MW015	4/4/2002	3420.40	40.99	NM	NA	3379.41
MW015	9/3/2002	3420.40	40.75	NM	NA	3379.65
MW015	12/2/2002	3420.40	40.53	NM	NA	3379.87
MW015	1/30/2003	3420.40	40.51	NM	NA	3379.89
MW015	3/28/2003	3420.40	40.64	NM	NA	3379.76
MW015	5/19/2003	3420.40	40.56	NM	NA	3379.84
MW015	9/8/2003	3420.40	40.57	NM	NA	3379.83
MW015	12/2/2003	3420.40	40.51	NM	NA	3379.89
MW015	3/30/2004	3420.40	40.81	NM	NA	3379.59
MW015	6/7/2004	3420.40	40.60	NM	NA	3379.80
MW015	9/16/2004	3420.40	40.55	NM	NA	3379.85
MW015	11/30/2004	3420.40	40.22	NM	NA	3380.18
MW015	3/31/2005	3420.40	39.77	NM	NA	3380.63
MW015	5/23/2005	3420.40	39.58	NM	NA	3380.82
MW015	1/17/2006	3420.40	39.17	NM	NA	3381.23
MW015	6/16/2006	3420.40	39.13	NM	NA	3381.27
MW015	3/22/2007	3420.40	38.83	NM	NA	3381.57
MW015	9/18/2007	3420.40	38.51	NM	NA	3381.89
MW015	3/18/2008	3420.40	38.59	NM	NA	3381.81
MW015	8/4/2008	3420.40	39.02	NM	NA	3381.38
MW015	3/10/2009	3420.40	39.11	NM	NA	3381.29

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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW015	7/28/2009	3420.40	39.35	NM	NA	3381.05
MW015	3/1/2010	3420.40	39.50	NM	NA	3380.90
MW015	8/2/2010	3420.40	39.49	NM	NA	3380.91
MW015	5/3/2011	3420.40	39.51	NM	NA	3380.89
MW015	11/1/2011	3420.40	39.58	NM	NA	3380.82
MW015	5/1/2012	3420.40	39.61	NM	NA	3380.79
MW015	10/24/2012	3420.40	39.87	NM	NA	3380.53
MW015	4/30/2013	3420.40	39.85	NM	NA	3380.55
MW015	10/29/2013	3420.40	40.07	NM	NA	3380.33
MW015	5/5/2014	3420.40	40.15	NM	NA	3380.25
MW015	11/3/2014	3420.40	39.83	NM	NA	3380.57
MW015	5/6/2015	3420.40	39.50	NM	NA	3380.90
MW015	11/2/2015	3420.40	39.38	NM	NA	3381.02
MW015	5/9/2016	3420.40	39.22	NM	NA	3381.18
MW015	9/22/2016	3420.40	39.20	NM	NA	3381.20
MW015	5/2/2017	3420.40	38.53	NM	NA	3381.87
MW015A	12/18/1997	3420.55	42.50	NM	NA	3378.05
MW015A	11/16/1999	3420.55	41.33	NM	NA	3379.22
MW015A	5/15/2001	3420.55	40.69	NM	NA	3379.86
MW015A	8/23/2001	3420.55	40.71	NM	NA	3379.84
MW015A	1/21/2002	3420.55	40.72	NM	NA	3379.83
MW015A	4/4/2002	3420.55	40.89	NM	NA	3379.66
MW015A	9/3/2002	3420.55	40.66	NM	NA	3379.89
MW015A	12/2/2002	3420.55	40.43	NM	NA	3380.12
MW015A	1/30/2003	3420.55	40.30	NM	NA	3380.25
MW015A	3/28/2003	3420.55	40.54	NM	NA	3380.01
MW015A	5/19/2003	3420.55	40.52	NM	NA	3380.03
MW015A	9/8/2003	3420.55	40.49	NM	NA	3380.06
MW015A	12/2/2003	3420.55	40.42	NM	NA	3380.13
MW015A	3/30/2004	3420.55	40.72	NM	NA	3379.83
MW015A	6/7/2004	3420.55	40.61	NM	NA	3379.94
MW015A	9/16/2004	3420.55	40.44	NM	NA	3380.11
MW015A	11/30/2004	3420.55	40.21	NM	NA	3380.34
MW015A	3/31/2005	3420.55	39.70	NM	NA	3380.85
MW015A	5/23/2005	3420.55	39.50	NM	NA	3381.05
MW015A	1/17/2006	3420.55	39.17	NM	NA	3381.38
MW015A	6/16/2006	3420.55	39.03	NM	NA	3381.52
MW015A	3/22/2007	3420.55	38.74	NM	NA	3381.81
MW015A	9/13/2007	3420.55	38.42	NM	NA	3382.13
MW015A	3/18/2008	3420.55	38.63	NM	NA	3381.92
MW015A	8/4/2008	3420.55	38.91	NM	NA	3381.64
MW015A	3/10/2009	3420.55	39.05	NM	NA	3381.50
MW015A	7/28/2009	3420.55	39.28	NM	NA	3381.27
MW015A	3/1/2010	3420.55	39.45	NM	NA	3381.10
MW015A	8/2/2010	3420.55	49.45	NM	NA	3371.10
MW015A	5/3/2011	3420.55	39.58	NM	NA	3380.97
MW015A	11/2/2011	3420.55	39.48	NM	NA	3381.07
MW015A	5/1/2012	3420.55	39.55	NM	NA	3381.00
MW015A	10/25/2012	3420.55	38.04	NM	NA	3382.51
MW015A	4/30/2013	3420.55	39.82	NM	NA	3380.73
MW015A	10/29/2013	3420.55	40.11	NM	NA	3380.44
MW015A	5/5/2014	3420.55	40.15	NM	NA	3380.40
MW015A	11/3/2014	3420.55	39.83	NM	NA	3380.72
MW015A	9/6/2015	3420.55	39.52	NM	NA	3381.03
MW015A	11/3/2015	3420.55	39.51	NM	NA	3381.04
MW015A	5/9/2016	3420.55	39.29	NM	NA	3381.26
MW015A	9/22/2016	3420.55	39.27	NM	NA	3381.28
MW015A	5/2/2017	3420.55	38.59	NM	NA	3381.96
MW015A	9/18/2017	3420.55	38.52	NM	NA	3382.03
MW015A	3/21/2018	3420.55	57.5	NM	NA	3363.05
MW015A	9/13/2018	3420.55	38.26	NM	NA	3382.29
MW015A	4/10/2019	3420.55	38.10	NM	NA	3382.45
MW015A	10/7/2019	3420.55	38.36	NM	NA	3382.19
MW015A	3/9/2020	3420.55	38.40	NM	NA	3382.15
MW015A	9/23/2020	3420.55	38.17	NM	NA	3382.38
MW015A	3/10/2021	3420.55	38.29	NM	NA	3382.26
MW015A	10/11/2021	3420.55	37.87	NM	NA	3382.68
MW015A	2/14/2022	3420.55	38.43	NM	NA	3382.12
MW015A	10/12/2022	3420.55	38.84	NM	NA	3381.71
MW015A	2/21/2023	3420.55	38.83	NM	NA	3381.72

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Appendix C
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW015A	10/2/2023	3420.55	39.22	NM	NA	3381.33
MW016A	12/18/1997	3419.92	41.98	NM	NA	3377.94
MW016A	11/16/1999	3419.92	40.80	NM	NA	3379.12
MW016A	5/15/2001	3419.92	40.34	NM	NA	3379.58
MW016A	8/23/2001	3419.92	40.21	NM	NA	3379.71
MW016A	1/21/2002	3419.92	40.33	NM	NA	3379.59
MW016A	4/4/2002	3419.92	40.51	NM	NA	3379.41
MW016A	9/3/2002	3419.92	40.16	NM	NA	3379.76
MW016A	12/2/2002	3419.92	39.90	NM	NA	3380.02
MW016A	1/30/2003	3419.92	39.89	NM	NA	3380.03
MW016A	3/28/2003	3419.92	40.05	NM	NA	3379.87
MW016A	5/19/2003	3419.92	40.15	NM	NA	3379.77
MW016A	9/8/2003	3419.92	40.11	NM	NA	3379.81
MW016A	12/2/2003	3419.92	40.17	NM	NA	3379.75
MW016A	3/30/2004	3419.92	40.43	NM	NA	3379.49
MW016A	6/7/2004	3419.92	40.26	NM	NA	3379.66
MW016A	9/16/2004	3419.92	39.98	NM	NA	3379.94
MW016A	11/30/2004	3419.92	39.53	NM	NA	3380.39
MW016A	3/31/2005	3419.92	39.05	NM	NA	3380.87
MW016A	5/23/2005	3419.92	38.96	NM	NA	3380.96
MW016A	1/17/2006	3419.92	38.53	NM	NA	3381.39
MW016A	6/16/2006	3419.92	38.62	NM	NA	3381.30
MW016A	3/22/2007	3419.92	38.32	NM	NA	3381.60
MW016A	9/12/2007	3419.92	37.98	NM	NA	3381.94
MW016A	3/18/2008	3419.92	38.29	NM	NA	3381.63
MW016A	8/4/2008	3419.92	38.58	NM	NA	3381.34
MW016A	3/10/2009	3419.92	38.75	NM	NA	3381.17
MW016A	7/28/2009	3419.92	38.96	NM	NA	3380.96
MW016A	3/1/2010	3419.92	39.08	NM	NA	3380.84
MW016A	8/2/2010	3419.92	39.02	NM	NA	3380.90
MW016A	5/3/2011	3419.92	39.21	NM	NA	3380.71
MW016A	11/2/2011	3419.92	39.21	NM	NA	3380.71
MW016A	5/17/2012	3419.92	39.44	NM	NA	3380.48
MW016A	10/25/2012	3419.92	39.43	NM	NA	3380.49
MW016A	5/1/2013	3419.92	39.64	NM	NA	3380.28
MW016A	10/29/2013	3419.92	39.78	NM	NA	3380.14
MW016A	5/5/2014	3419.92	39.89	NM	NA	3380.03
MW016A	11/13/2014	3419.92	39.40	NM	NA	3380.52
MW016A	5/6/2015	3419.92	39.11	NM	NA	3380.81
MW016A	11/3/2015	3419.92	39.01	NM	NA	3380.91
MW016A	9/14/2018	3419.92	37.83	NM	NA	3382.09
MW016A	10/11/2021	3419.92	37.87	NM	NA	3382.05
MW016A	2/14/2022	3419.92	38.15	NM	NA	3381.77
MW016A	10/12/2022	3419.92	38.75	NM	NA	3381.17
MW016A	2/21/2023	3419.92	38.83	NM	NA	3381.09
MW017A	12/18/1997	3424.38	46.05	NM	NA	3378.33
MW017A	11/16/1999	3424.38	45.12	NM	NA	3379.26
MW017A	5/15/2001	3424.38	44.53	NM	NA	3379.85
MW017A	8/23/2001	3424.38	44.49	NM	NA	3379.89
MW017A	1/21/2002	3424.38	44.42	NM	NA	3379.96
MW017A	4/4/2002	3424.38	44.58	NM	NA	3379.80
MW017A	9/3/2002	3424.38	44.38	NM	NA	3380.00
MW017A	12/2/2002	3424.38	44.15	NM	NA	3380.23
MW017A	1/30/2003	3424.38	44.10	NM	NA	3380.28
MW017A	3/28/2003	3424.38	44.23	NM	NA	3380.15
MW017A	5/19/2003	3424.38	44.19	NM	NA	3380.19
MW017A	9/8/2003	3424.38	44.13	NM	NA	3380.25
MW017A	12/2/2003	3424.38	44.07	NM	NA	3380.31
MW017A	3/30/2004	3424.38	44.26	NM	NA	3380.12
MW017A	6/7/2004	3424.38	44.21	NM	NA	3380.17
MW017A	9/16/2004	3424.38	44.14	NM	NA	3380.24
MW017A	11/30/2004	3424.38	43.89	NM	NA	3380.49
MW017A	3/31/2005	3424.38	43.44	NM	NA	3380.94
MW017A	5/23/2005	3424.28	43.24	NM	NA	3381.04
MW017A	1/17/2006	3424.28	42.80	NM	NA	3381.48
MW017A	6/16/2006	3424.28	42.69	NM	NA	3381.59
MW017A	3/21/2007	3424.28	42.42	NM	NA	3381.86
MW017A	9/13/2007	3424.28	42.13	NM	NA	3382.15
MW017A	3/21/2008	3424.28	42.42	NM	NA	3381.86
MW017A	9/13/2008	3424.28	42.13	NM	NA	3382.15

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW018	11/16/1999	3417.15	37.82	NM	NA	3379.33
MW018	5/15/2001	3417.15	37.90	NM	NA	3379.25
MW018	8/23/2001	3417.15	37.26	NM	NA	3379.89
MW018	1/21/2002	3417.15	37.90	NM	NA	3379.25
MW018	4/4/2002	3417.15	38.15	NM	NA	3379.00
MW018	9/3/2002	3417.15	37.34	NM	NA	3379.81
MW018	12/2/2002	3417.15	37.37	NM	NA	3379.78
MW018	1/30/2003	3417.15	37.38	NM	NA	3379.77
MW018	3/28/2003	3417.15	37.66	NM	NA	3379.49
MW018	5/19/2003	3417.15	37.81	NM	NA	3379.34
MW018	9/8/2003	3417.15	37.82	NM	NA	3379.33
MW018	12/2/2003	3417.15	37.99	NM	NA	3379.16
MW018	3/30/2004	3417.15	38.30	NM	NA	3378.85
MW018	6/7/2004	3417.15	37.86	NM	NA	3379.29
MW018	9/16/2004	3417.15	37.48	NM	NA	3379.67
MW018	11/29/2004	3417.15	36.48	NM	NA	3380.67
MW018	3/31/2005	3417.15	36.32	NM	NA	3380.83
MW018	5/23/2005	3417.15	36.18	NM	NA	3380.97
MW018	1/17/2006	3417.15	36.05	NM	NA	3381.10
MW018	6/16/2006	3417.15	36.31	NM	NA	3380.84
MW018	4/2/2007	3417.15	35.95	NM	NA	3381.20
MW018	9/13/2007	3417.15	35.18	NM	NA	3381.97
MW018	3/18/2008	3417.15	36.19	NM	NA	3380.96
MW018	3/10/2009	3417.15	36.59	NM	NA	3380.56
MW018	7/28/2009	3417.15	36.83	NM	NA	3380.32
MW018	3/1/2010	3417.15	36.74	NM	NA	3380.41
MW018	8/2/2010	3417.15	36.38	NM	NA	3380.77
MW018	11/1/2011	3417.15	37.11	NM	NA	3380.04
MW018	5/22/2012	3417.15	37.35	NM	NA	3379.80
MW018	10/24/2012	3417.15	37.24	NM	NA	3379.91
MW018	4/30/2013	3417.15	37.50	NM	NA	3379.65
MW018	10/29/2013	3417.15	37.60	NM	NA	3379.55
MW018	5/5/2014	3417.15	37.74	NM	NA	3379.41
MW018	11/4/2014	3417.15	36.70	NM	NA	3380.45
MW018	5/5/2015	3417.15	36.90	NM	NA	3380.25
MW018	11/3/2015	3417.15	36.80	NM	NA	3380.35
MW018	5/10/2016	3417.15	36.55	NM	NA	3380.60
MW018	9/22/2016	3417.15	36.18	NM	NA	3380.97
MW018	5/2/2017	3417.15	35.75	NM	NA	3381.40
MW018	9/18/2017	3417.15	35.26	NM	NA	3381.89
MW018	3/20/2018	3417.15	35.34	NM	NA	3381.81
MW018	9/13/2018	3417.15	35.33	NM	NA	3381.82
MW018	4/10/2019	3417.15	35.33	NM	NA	3381.82
MW018	10/7/2019	3417.15	39.65	NM	NA	3377.50
MW018	3/9/2020	3417.15	35.89	NM	NA	3381.26
MW018	9/23/2020	3417.15	35.84	NM	NA	3381.31
MW018	3/10/2021	3417.15	36.04	NM	NA	3381.11
MW018	10/11/2021	3417.15	35.52	NM	NA	3381.63
MW018	2/18/2022	3417.15	36.24	NM	NA	3380.91
MW018	10/12/2022	3417.15	36.8	NM	NA	3380.35
MW018	2/20/2023	3417.15	36.81	NM	NA	3380.34
MW018	10/2/2023	3417.15	37.08	NM	NA	3380.07
MW018A	12/18/1997	3416.86	39.16	NM	NA	3377.70
MW018A	11/16/1999	3416.86	37.52	NM	NA	3379.34
MW018A	5/15/2001	3416.86	37.62	NM	NA	3379.24
MW018A	8/23/2001	3416.86	37.55	NM	NA	3379.31
MW018A	1/21/2002	3416.86	37.62	NM	NA	3379.24
MW018A	4/4/2002	3416.86	37.89	NM	NA	3378.97
MW018A	9/3/2002	3416.86	37.03	NM	NA	3379.83
MW018A	12/2/2002	3416.86	37.01	NM	NA	3379.85
MW018A	1/30/2003	3416.86	37.12	NM	NA	3379.74
MW018A	3/28/2003	3416.86	37.38	NM	NA	3379.48
MW018A	5/19/2003	3416.86	37.54	NM	NA	3379.32
MW018A	9/8/2003	3416.86	37.51	NM	NA	3379.35
MW018A	12/2/2003	3416.86	37.65	NM	NA	3379.21
MW018A	3/30/2004	3416.86	38.01	NM	NA	3378.85
MW018A	6/7/2004	3416.86	37.56	NM	NA	3379.30
MW018A	9/16/2004	3416.86	37.20	NM	NA	3379.66
MW018A	11/29/2004	3416.86	36.11	NM	NA	3380.75
MW018A	3/31/2005	3416.86	35.99	NM	NA	3380.87

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW018A	5/23/2005	3416.86	35.86	NM	NA	3381.00
MW018A	1/17/2006	3416.86	35.78	NM	NA	3381.08
MW018A	6/16/2006	3416.86	36.01	NM	NA	3380.85
MW018A	4/2/2007	3416.86	35.65	NM	NA	3381.21
MW018A	9/12/2007	3416.86	35.51	NM	NA	3381.35
MW018A	3/18/2008	3416.86	35.88	NM	NA	3380.98
MW018A	3/10/2009	3416.86	36.29	NM	NA	3380.57
MW018A	7/28/2009	3416.86	36.49	NM	NA	3380.37
MW018A	3/1/2010	3416.86	36.40	NM	NA	3380.46
MW018A	8/2/2010	3416.86	36.05	NM	NA	3380.81
MW018A	11/2/2011	3416.86	36.80	NM	NA	3380.06
MW018A	5/22/2012	3416.86	37.01	NM	NA	3379.85
MW018A	10/24/2012	3416.86	36.93	NM	NA	3379.93
MW018A	4/30/2013	3416.86	37.15	NM	NA	3379.71
MW019A	12/18/1997	3414.74	39.83	NM	NA	3374.91
MW019A	11/16/1999	3414.74	38.12	NM	NA	3376.62
MW019A	5/15/2001	3414.74	38.02	NM	NA	3376.72
MW019A	8/23/2001	3414.74	37.62	NM	NA	3377.12
MW019A	1/21/2002	3414.74	37.92	NM	NA	3376.82
MW019A	4/4/2002	3414.74	38.15	NM	NA	3376.59
MW019A	9/3/2002	3414.74	37.40	NM	NA	3377.34
MW019A	12/2/2002	3414.74	37.46	NM	NA	3377.28
MW019A	1/30/2003	3414.74	37.61	NM	NA	3377.13
MW019A	3/28/2003	3414.74	37.79	NM	NA	3376.95
MW019A	5/19/2003	3414.74	37.91	NM	NA	3376.83
MW019A	9/8/2003	3414.74	38.06	NM	NA	3376.68
MW019A	12/2/2003	3414.74	38.22	NM	NA	3376.52
MW019A	3/30/2004	3414.74	38.41	NM	NA	3376.33
MW019A	6/7/2004	3414.74	37.93	NM	NA	3376.81
MW019A	9/16/2004	3414.74	37.82	NM	NA	3376.92
MW019A	11/29/2004	3414.74	36.70	NM	NA	3378.04
MW019A	3/31/2005	3414.74	36.35	NM	NA	3378.39
MW019A	5/23/2005	3414.74	36.62	NM	NA	3378.12
MW019A	1/17/2006	3414.74	36.37	NM	NA	3378.37
MW019A	6/16/2006	3414.74	36.61	NM	NA	3378.13
MW019A	4/4/2007	3414.74	36.30	NM	NA	3378.44
MW019A	9/13/2007	3414.74	35.96	NM	NA	3378.78
MW019A	3/18/2008	3414.74	36.50	NM	NA	3378.24
MW019A	8/4/2008	3414.74	36.82	NM	NA	3377.92
MW019A	3/10/2009	3414.74	36.74	NM	NA	3378.00
MW019A	7/28/2009	3414.74	37.00	NM	NA	3377.74
MW019A	3/1/2010	3414.74	36.72	NM	NA	3378.02
MW019A	7/30/2010	3414.74	36.39	NM	NA	3378.35
MW019A	11/2/2011	3414.74	39.48	NM	NA	3375.26
MW019A	5/22/2012	3414.74	37.70	NM	NA	3377.04
MW019A	10/24/2012	3414.74	37.79	NM	NA	3376.95
MW019A	4/30/2013	3414.74	37.76	NM	NA	3376.98
MW019A	5/5/2014	3414.74	37.81	NM	NA	3376.93
MW019A	11/4/2014	3414.74	37.03	NM	NA	3377.71
MW019A	5/5/2015	3414.74	37.01	NM	NA	3377.73
MW019A	11/3/2015	3414.74	37.25	NM	NA	3377.49
MW019A	5/10/2016	3414.74	36.68	NM	NA	3378.06
MW019A	9/22/2016	3414.74	36.54	NM	NA	3378.20
MW019A	5/2/2017	3414.74	35.16	NM	NA	3379.58
MW019A	9/18/2017	3414.74	35.42	NM	NA	3379.32
MW019A	3/20/2018	3414.74	35.48	NM	NA	3379.26
MW019A	9/13/2018	3414.74	35.37	NM	NA	3379.37
MW019A	4/9/2019	3414.74	35.55	NM	NA	3379.19
MW019A	10/7/2019	3414.74	37.99	NM	NA	3376.75
MW019A	3/9/2020	3414.74	36.17	NM	NA	3378.57
MW019A	3/10/2021	3414.74	36.47	NM	NA	3378.27
MW019A	10/11/2021	3414.74	36.18	NM	NA	3378.56
MW019A	2/18/2022	3414.74	36.5	NM	NA	3378.24
MW019A	2/20/2023	3414.74	37.13	NM	NA	3377.61
MW020	11/16/1999	3420.85	44.58	NM	NA	3376.27
MW020	2/6/2002	3420.85	44.02	NM	NA	3376.83
MW020	9/3/2002	3420.85	43.79	NM	NA	3377.06
MW020	12/9/2002	3420.85	43.84	NM	NA	3377.01
MW020	1/30/2003	3420.85	43.78	NM	NA	3377.07
MW020	3/28/2003	3420.85	43.86	NM	NA	3376.99

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW020	6/5/2003	3420.85	43.93	NM	NA	3376.92
MW020	1/22/2004	3420.85	44.39	NM	NA	3376.46
MW020	3/30/2004	3420.85	44.41	NM	NA	3376.44
MW020	6/7/2004	3420.85	44.16	NM	NA	3376.69
MW020	9/17/2004	3420.85	43.99	NM	NA	3376.86
MW020	11/29/2004	3420.85	43.59	NM	NA	3377.26
MW020	4/1/2005	3420.85	43.12	NM	NA	3377.73
MW020	5/23/2005	3420.85	42.99	NM	NA	3377.86
MW020	1/17/2006	3420.85	42.61	NM	NA	3378.24
MW020	6/16/2006	3420.85	42.55	NM	NA	3378.30
MW020	4/4/2007	3420.85	42.23	NM	NA	3378.62
MW020	3/18/2008	3420.85	42.25	NM	NA	3378.60
MW020	8/4/2008	3420.85	42.57	NM	NA	3378.28
MW020	3/10/2009	3420.85	42.67	NM	NA	3378.18
MW020	7/28/2009	3420.85	42.88	NM	NA	3377.97
MW020	3/1/2010	3420.85	42.86	NM	NA	3377.99
MW020	7/30/2010	3420.85	42.80	NM	NA	3378.05
MW020	5/3/2011	3420.85	42.99	NM	NA	3377.86
MW020	11/1/2011	3420.85	43.70	NM	NA	3377.15
MW020	5/2/2012	3420.85	43.30	NM	NA	3377.55
MW020	10/24/2012	3420.85	43.48	NM	NA	3377.37
MW020	4/30/2013	3420.85	43.62	NM	NA	3377.23
MW020	10/29/2013	3420.85	43.82	NM	NA	3377.03
MW020	5/5/2014	3420.85	43.83	NM	NA	3377.02
MW020	11/4/2014	3420.85	43.45	NM	NA	3377.40
MW020	5/5/2015	3420.85	43.01	NM	NA	3377.84
MW020	11/3/2015	3420.85	43.14	NM	NA	3377.71
MW020	5/10/2016	3420.85	42.75	NM	NA	3378.10
MW020	9/22/2016	3420.85	42.80	NM	NA	3378.05
MW020	5/3/2017	3420.85	42.03	NM	NA	3378.82
MW020A	11/16/1999	3421.14	44.70	NM	NA	3376.44
MW020A	2/6/2002	3421.14	44.14	NM	NA	3377.00
MW020A	9/3/2002	3421.14	43.98	NM	NA	3377.16
MW020A	12/9/2002	3421.14	44.06	NM	NA	3377.08
MW020A	1/30/2003	3421.14	43.98	NM	NA	3377.16
MW020A	3/28/2003	3421.14	44.05	NM	NA	3377.09
MW020A	6/5/2003	3421.14	44.44	NM	NA	3376.70
MW020A	1/22/2004	3421.14	44.68	NM	NA	3376.46
MW020A	3/30/2004	3421.14	44.59	NM	NA	3376.55
MW020A	6/7/2004	3421.14	44.33	NM	NA	3376.81
MW020A	9/17/2004	3421.14	44.15	NM	NA	3376.99
MW020A	11/29/2004	3421.14	43.75	NM	NA	3377.39
MW020A	4/1/2005	3421.14	43.24	NM	NA	3377.90
MW020A	5/23/2005	3421.14	43.16	NM	NA	3377.98
MW020A	1/17/2006	3421.14	42.87	NM	NA	3378.27
MW020A	6/16/2006	3421.14	42.74	NM	NA	3378.40
MW020A	4/4/2007	3421.14	42.40	NM	NA	3378.74
MW020A	3/18/2008	3421.14	42.41	NM	NA	3378.73
MW020A	8/4/2008	3421.14	42.76	NM	NA	3378.38
MW020A	3/10/2009	3421.14	42.85	NM	NA	3378.29
MW020A	7/28/2009	3421.14	43.08	NM	NA	3378.06
MW020A	3/1/2010	3421.14	43.04	NM	NA	3378.10
MW020A	7/30/2010	3421.14	42.99	NM	NA	3378.15
MW020A	5/3/2011	3421.14	43.18	NM	NA	3377.96
MW020A	11/2/2011	3421.14	41.11	NM	NA	3380.03
MW020A	5/2/2012	3421.14	43.49	NM	NA	3377.65
MW020A	10/24/2012	3421.14	43.66	NM	NA	3377.48
MW020A	4/30/2013	3421.14	43.78	NM	NA	3377.36
MW020A	10/29/2013	3421.14	44.00	NM	NA	3377.14
MW020A	5/5/2014	3421.14	44.01	NM	NA	3377.13
MW020A	11/4/2014	3421.14	43.62	NM	NA	3377.52
MW020A	5/5/2015	3421.14	43.23	NM	NA	3377.91
MW020A	11/3/2015	3421.14	43.32	NM	NA	3377.82
MW020A	5/10/2016	3421.14	44.94	NM	NA	3376.20
MW020A	9/22/2016	3421.14	42.98	NM	NA	3378.16
MW020A	5/3/2017	3421.14	42.21	NM	NA	3378.93
MW020A	9/18/2017	3421.14	41.88	NM	NA	3379.26
MW020A	3/21/2018	3421.14	41.79	NM	NA	3379.35
MW020A	9/13/2018	3421.14	41.28	NM	NA	3379.86
MW020A	4/9/2019	3421.14	41.72	NM	NA	3379.42

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Appendix C
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Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW020A	10/7/2019	3421.14	41.95	NM	NA	3379.19
MW020A	3/9/2020	3421.14	42.19	NM	NA	3378.95
MW020A	3/10/2021	3421.14	41.95	NM	NA	3379.19
MW020A	10/11/2021	3421.14	42.18	NM	NA	3378.96
MW020A	2/18/2022	3421.14	42.49	NM	NA	3378.65
MW020A	2/18/2022	3421.14	42.49	NM	NA	3378.65
MW020A	2/20/2023	3421.14	43.06	NM	NA	3378.08
MW021	11/16/1999	3422.72	47.82	NM	NA	3374.90
MW021	5/15/2001	3422.72	47.09	NM	NA	3375.63
MW021	8/23/2001	3422.72	47.34	NM	NA	3375.38
MW021	1/21/2002	3422.72	47.19	NM	NA	3375.53
MW021	4/4/2002	3422.72	47.35	NM	NA	3375.37
MW021	9/3/2002	3422.72	47.25	NM	NA	3375.47
MW021	12/2/2002	3422.72	47.01	NM	NA	3375.71
MW021	1/30/2003	3422.72	46.98	NM	NA	3375.74
MW021	3/28/2003	3422.72	47.02	NM	NA	3375.70
MW021	5/19/2003	3422.72	47.09	NM	NA	3375.63
MW021	9/8/2003	3422.72	47.21	NM	NA	3375.51
MW021	1/21/2004	3422.72	47.22	NM	NA	3375.50
MW021	3/30/2004	3422.72	47.21	NM	NA	3375.51
MW021	6/7/2004	3422.72	47.45	NM	NA	3375.27
MW021	9/17/2004	3422.72	47.15	NM	NA	3375.57
MW021	11/29/2004	3422.72	46.80	NM	NA	3375.92
MW021	3/31/2005	3422.72	46.28	NM	NA	3376.44
MW021	5/23/2005	3422.72	46.22	NM	NA	3376.50
MW021	1/18/2006	3422.72	45.68	NM	NA	3377.04
MW021	6/14/2006	3422.72	45.45	NM	NA	3377.27
MW021	4/9/2007	3422.72	45.10	NM	NA	3377.62
MW021	9/18/2007	3422.72	45.81	NM	NA	3376.91
MW021	3/18/2008	3422.72	45.07	NM	NA	3377.65
MW021	8/4/2008	3422.72	46.23	NM	NA	3376.49
MW021	3/10/2009	3422.72	45.60	NM	NA	3377.12
MW021	7/28/2009	3422.72	45.77	NM	NA	3376.95
MW021	3/1/2010	3422.72	45.71	NM	NA	3377.01
MW021	8/2/2010	3422.72	45.89	NM	NA	3376.83
MW021	5/4/2011	3422.72	45.23	NM	NA	3377.49
MW021	11/1/2011	3422.72	46.07	NM	NA	3376.65
MW021	5/2/2012	3422.72	46.11	NM	NA	3376.61
MW021	10/24/2012	3422.72	46.52	NM	NA	3376.20
MW021	4/29/2013	3422.72	46.58	NM	NA	3376.14
MW021A	8/4/1980	3422.94	45.49	NM	NA	3377.45
MW021A	11/16/1999	3422.94	48.41	NM	NA	3374.53
MW021A	5/15/2001	3422.94	47.57	NM	NA	3375.37
MW021A	8/23/2001	3422.94	47.98	NM	NA	3374.96
MW021A	1/21/2002	3422.94	47.83	NM	NA	3375.11
MW021A	4/4/2002	3422.94	47.98	NM	NA	3374.96
MW021A	9/3/2002	3422.94	48.07	NM	NA	3374.87
MW021A	12/2/2002	3422.94	47.63	NM	NA	3375.31
MW021A	1/30/2003	3422.94	47.61	NM	NA	3375.33
MW021A	3/28/2003	3422.94	47.71	NM	NA	3375.23
MW021A	5/19/2003	3422.94	47.96	NM	NA	3374.98
MW021A	9/8/2003	3422.94	48.01	NM	NA	3374.93
MW021A	1/21/2004	3422.94	48.73	NM	NA	3374.21
MW021A	3/30/2004	3422.94	47.94	NM	NA	3375.00
MW021A	6/7/2004	3422.94	48.28	NM	NA	3374.66
MW021A	9/14/2004	3422.94	47.95	NM	NA	3374.99
MW021A	11/29/2004	3422.94	47.35	NM	NA	3375.59
MW021A	3/31/2005	3422.94	46.93	NM	NA	3376.01
MW021A	5/23/2005	3422.94	47.04	NM	NA	3375.90
MW021A	1/18/2006	3422.94	46.34	NM	NA	3376.60
MW021A	6/14/2006	3422.94	46.35	NM	NA	3376.59
MW021A	4/9/2007	3422.94	45.80	NM	NA	3377.14
MW021A	9/18/2007	3422.94	45.09	NM	NA	3377.85
MW021A	3/19/2008	3422.94	45.08	NM	NA	3377.86
MW021A	3/10/2009	3422.94	46.28	NM	NA	3376.66
MW021A	7/28/2009	3422.94	46.46	NM	NA	3376.48
MW021A	3/1/2010	3422.94	46.34	NM	NA	3376.60
MW021A	8/2/2010	3422.94	46.83	NM	NA	3376.11
MW021A	5/6/2011	3422.94	46.44	NM	NA	3376.50
MW021A	11/4/2011	3422.94	46.74	NM	NA	3376.20

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW021A	5/2/2012	3422.94	47.97	NM	NA	3374.97
MW021A	10/24/2012	3422.94	47.44	NM	NA	3375.50
MW021A	4/29/2013	3422.94	48.06	NM	NA	3374.88
MW021A	10/29/2013	3422.94	47.95	NM	NA	3374.99
MW021A	5/5/2014	3422.94	47.70	NM	NA	3375.24
MW021A	11/3/2014	3422.94	47.06	NM	NA	3375.88
MW021A	5/5/2015	3422.94	46.62	NM	NA	3376.32
MW021A	11/2/2015	3422.94	46.82	NM	NA	3376.12
MW021A	5/11/2016	3422.94	46.46	NM	NA	3376.48
MW021A	9/22/2016	3422.94	46.48	NM	NA	3376.46
MW021A	5/1/2017	3422.94	46.13	NM	NA	3376.81
MW021A	9/18/2017	3422.94	46.33	NM	NA	3376.61
MW021A	3/20/2018	3422.94	45.78	NM	NA	3377.16
MW021A	9/12/2018	3422.94	46.01	NM	NA	3376.93
MW021A	4/9/2019	3422.94	45.47	NM	NA	3377.47
MW021A	10/7/2019	3422.94	45.73	NM	NA	3377.21
MW021A	3/9/2020	3422.94	45.54	NM	NA	3377.40
MW021A	3/8/2021	3422.94	45.63	NM	NA	3377.31
MW021A	10/11/2021	3422.94	45.8	NM	NA	3377.14
MW021A	2/16/2022	3422.94	46.1	NM	NA	3376.84
MW021A	2/20/2023	3422.94	46.28	NM	NA	3376.66
MW022A	11/16/1999	3431.13	57.29	NM	NA	3373.84
MW022A	5/15/2001	3431.13	53.35	NM	NA	3377.78
MW022A	8/23/2001	3431.13	53.96	NM	NA	3377.17
MW022A	1/21/2002	3431.13	53.75	NM	NA	3377.38
MW022A	4/4/2002	3431.13	66.00	NM	NA	3365.13
MW022A	9/3/2002	3431.13	52.96	NM	NA	3378.17
MW022A	12/2/2002	3431.13	52.95	NM	NA	3378.18
MW022A	1/31/2003	3431.13	53.25	NM	NA	3377.88
MW022A	3/28/2003	3431.13	53.58	NM	NA	3377.55
MW022A	5/19/2003	3431.13	53.26	NM	NA	3377.87
MW022A	9/9/2003	3431.13	66.99	NM	NA	3364.14
MW022A	12/3/2003	3431.13	66.97	NM	NA	3364.16
MW022A	3/30/2004	3431.13	64.08	NM	NA	3367.05
MW022A	6/7/2004	3431.13	61.36	NM	NA	3369.77
MW022A	9/17/2004	3431.13	53.22	NM	NA	3377.91
MW022A	11/30/2004	3431.13	54.56	NM	NA	3376.57
MW022A	3/31/2005	3431.13	52.44	NM	NA	3378.69
MW022A	5/23/2005	3431.13	52.30	NM	NA	3378.83
MW022A	1/16/2006	3431.13	52.56	NM	NA	3378.57
MW022A	6/19/2006	3431.13	47.04	NM	NA	3384.09
MW022A	3/30/2007	3431.13	50.80	NM	NA	3380.33
MW022A	9/13/2007	3431.13	50.84	NM	NA	3380.29
MW022A	3/18/2008	3431.13	50.78	NM	NA	3380.35
MW022A	8/4/2008	3431.13	51.02	NM	NA	3380.11
MW022A	3/10/2009	3431.13	51.09	NM	NA	3380.04
MW022A	7/28/2009	3431.13	51.20	NM	NA	3379.93
MW022A	3/1/2010	3431.13	51.28	NM	NA	3379.85
MW022A	8/2/2010	3431.13	51.29	NM	NA	3379.84
MW022A	5/6/2011	3431.13	51.07	NM	NA	3380.06
MW022A	11/4/2011	3431.13	51.28	NM	NA	3379.85
MW022A	5/3/2012	3431.13	51.34	NM	NA	3379.79
MW022A	10/24/2012	3431.13	51.54	NM	NA	3379.59
MW022A	5/2/2013	3431.13	51.71	NM	NA	3379.42
MW023	11/16/1999	3436.44	58.42	NM	NA	3378.02
MW023	5/15/2001	3436.44	57.73	NM	NA	3378.71
MW023	8/23/2001	3436.44	57.79	NM	NA	3378.65
MW023	2/7/2002	3436.44	57.77	NM	NA	3378.67
MW023	9/3/2002	3436.44	57.69	NM	NA	3378.75
MW023	12/2/2002	3436.44	57.46	NM	NA	3378.98
MW023	1/30/2003	3436.44	57.41	NM	NA	3379.03
MW023	3/28/2003	3436.44	57.50	NM	NA	3378.94
MW023	5/19/2003	3436.44	57.41	NM	NA	3379.03
MW023	9/9/2003	3436.44	57.39	NM	NA	3379.05
MW023	12/2/2003	3436.44	57.14	NM	NA	3379.30
MW023	3/30/2004	3436.44	57.34	NM	NA	3379.10
MW023	6/7/2004	3436.44	57.21	NM	NA	3379.23
MW023	9/17/2004	3436.44	57.34	NM	NA	3379.10
MW023	11/30/2004	3436.44	57.16	NM	NA	3379.28
MW023	3/31/2005	3436.44	56.92	NM	NA	3379.52

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW023	5/23/2005	3436.44	56.68	NM	NA	3379.76
MW023	1/17/2006	3436.44	56.37	NM	NA	3380.07
MW023	6/14/2006	3436.44	56.00	NM	NA	3380.44
MW023	4/18/2007	3436.44	55.64	NM	NA	3380.80
MW023	9/20/2007	3436.44	55.46	NM	NA	3380.98
MW023	4/9/2008	3436.44	55.31	NM	NA	3381.13
MW023	8/4/2008	3436.44	55.40	NM	NA	3381.04
MW023	3/11/2009	3436.44	55.55	NM	NA	3380.89
MW023	7/29/2009	3436.44	55.55	NM	NA	3380.89
MW023	3/1/2010	3436.44	55.66	NM	NA	3380.78
MW023	8/3/2010	3436.44	55.51	NM	NA	3380.93
MW023	5/5/2011	3436.44	55.26	NM	NA	3381.18
MW023	11/1/2011	3436.44	55.53	NM	NA	3380.91
MW023	5/24/2012	3436.44	55.63	NM	NA	3380.81
MW023	10/25/2012	3436.44	55.72	NM	NA	3380.72
MW023	5/1/2013	3436.44	55.80	NM	NA	3380.64
MW023	10/28/2013	3436.44	55.81	NM	NA	3380.63
MW023	5/5/2014	3436.44	55.91	NM	NA	3380.53
MW023	11/3/2014	3436.44	55.88	NM	NA	3380.56
MW023	5/6/2015	3436.44	55.64	NM	NA	3380.80
MW023	11/2/2015	3436.44	55.33	NM	NA	3381.11
MW023	5/11/2016	3436.44	55.46	NM	NA	3380.98
MW023	9/22/2016	3436.44	55.49	NM	NA	3380.95
MW023	5/2/2017	3436.44	55.07	NM	NA	3381.37
MW023	9/18/2017	3436.44	55.06	NM	NA	3381.38
MW023	3/20/2018	3436.44	54.92	NM	NA	3381.52
MW023	9/13/2018	3436.44	54.87	NM	NA	3381.57
MW023	4/10/2019	3436.44	54.69	NM	NA	3381.75
MW023	10/7/2019	3436.44	54.85	NM	NA	3381.59
MW023	3/9/2020	3436.44	54.84	NM	NA	3381.60
MW023	9/23/2020	3436.44	54.63	NM	NA	3381.81
MW023	3/8/2021	3436.44	54.65	NM	NA	3381.79
MW023	10/11/2021	3436.44	54.62	NM	NA	3381.82
MW023	2/21/2022	3436.44	60.61	NM	NA	3375.83
MW023	10/11/2022	3436.44	55.09	NM	NA	3381.35
MW023	2/20/2023	3436.44	54.95	NM	NA	3381.49
MW023	10/2/2023	3436.44	55.13	NM	NA	3381.31
MW023A	1/9/2003	3436.26	57.70	NM	NA	3378.56
MW023A	1/30/2003	3436.26	57.23	NM	NA	3379.03
MW023A	3/28/2003	3436.26	57.33	NM	NA	3378.93
MW023A	5/19/2003	3436.26	57.25	NM	NA	3379.01
MW023A	9/9/2003	3436.26	53.23	NM	NA	3383.03
MW023A	12/2/2003	3436.26	57.23	NM	NA	3379.03
MW023A	3/30/2004	3436.26	57.25	NM	NA	3379.01
MW023A	6/7/2004	3436.26	57.35	NM	NA	3378.91
MW023A	9/17/2004	3436.26	57.14	NM	NA	3379.12
MW023A	11/30/2004	3436.26	57.11	NM	NA	3379.15
MW023A	3/31/2005	3436.26	56.62	NM	NA	3379.64
MW023A	5/23/2005	3436.26	56.46	NM	NA	3379.80
MW023A	1/17/2006	3436.26	56.09	NM	NA	3380.17
MW023A	6/14/2006	3436.26	55.80	NM	NA	3380.46
MW023A	3/29/2007	3436.26	53.38	NM	NA	3382.88
MW023A	9/11/2007	3436.26	55.29	NM	NA	3380.97
MW023A	3/18/2008	3436.26	55.11	NM	NA	3381.15
MW023A	8/4/2008	3436.26	55.18	NM	NA	3381.08
MW023A	3/10/2009	3436.26	55.22	NM	NA	3381.04
MW023A	7/28/2009	3436.26	55.32	NM	NA	3380.94
MW023A	3/1/2010	3436.26	55.40	NM	NA	3380.86
MW023A	8/3/2010	3436.26	55.62	NM	NA	3380.64
MW023A	5/3/2011	3436.26	56.52	NM	NA	3379.74
MW023A	11/2/2011	3436.26	55.39	NM	NA	3380.87
MW023A	5/4/2012	3436.26	55.43	NM	NA	3380.83
MW023A	10/25/2012	3436.26	55.56	NM	NA	3380.70
MW023A	5/1/2013	3436.26	55.62	NM	NA	3380.64
MW023A	10/29/2013	3436.26	55.68	NM	NA	3380.58
MW023A	5/5/2014	3436.26	55.80	NM	NA	3380.46
MW023A	11/3/2014	3436.26	55.75	NM	NA	3380.51
MW023A	5/6/2015	3436.26	55.49	NM	NA	3380.77
MW023A	11/2/2015	3436.26	55.54	NM	NA	3380.72
MW023A	5/11/2016	3436.26	55.40	NM	NA	3380.86

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Appendix C
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW023A	9/22/2016	3436.26	55.25	NM	NA	3381.01
MW023A	5/2/2017	3436.26	54.94	NM	NA	3381.32
MW024	1/9/2003	3431.32	53.76	NM	NA	3377.56
MW024	1/29/2003	3431.32	53.64	NM	NA	3377.68
MW024	3/27/2003	3431.32	53.85	NM	NA	3377.47
MW024	5/19/2003	3431.32	53.77	NM	NA	3377.55
MW024	9/9/2003	3431.32	53.93	NM	NA	3377.39
MW024	12/2/2003	3431.32	53.86	NM	NA	3377.46
MW024	3/30/2004	3431.32	54.10	NM	NA	3377.22
MW024	6/7/2004	3431.32	54.21	NM	NA	3377.11
MW024	9/16/2004	3431.32	53.71	NM	NA	3377.61
MW024	11/29/2004	3431.32	53.54	NM	NA	3377.78
MW024	3/31/2005	3431.32	53.06	NM	NA	3378.26
MW024	5/23/2005	3431.32	52.78	NM	NA	3378.54
MW024	1/17/2006	3431.32	52.11	NM	NA	3379.21
MW024	6/14/2006	3431.32	51.60	NM	NA	3379.72
MW024	4/11/2007	3431.32	51.33	NM	NA	3379.99
MW024	9/13/2007	3431.32	51.44	NM	NA	3379.88
MW024	3/19/2008	3431.32	51.45	NM	NA	3379.87
MW024	8/4/2008	3431.32	51.52	NM	NA	3379.80
MW024	3/11/2009	3431.22	51.69	NM	NA	3379.53
MW024	7/29/2009	3431.22	51.74	NM	NA	3379.48
MW024	3/1/2010	3431.22	51.78	NM	NA	3379.44
MW024	8/2/2010	3431.22	51.81	NM	NA	3379.41
MW024	5/4/2011	3431.22	51.60	NM	NA	3379.62
MW024	11/1/2011	3431.32	51.77	NM	NA	3379.55
MW024	5/1/2012	3431.32	51.76	NM	NA	3379.56
MW024	10/24/2012	3431.32	51.89	NM	NA	3379.43
MW024	5/1/2013	3431.32	52.10	NM	NA	3379.22
MW024	10/28/2013	3431.32	52.23	NM	NA	3379.09
MW024	5/5/2014	3431.32	52.24	NM	NA	3379.08
MW024	11/3/2014	3431.32	52.20	NM	NA	3379.12
MW024	5/6/2015	3431.32	51.87	NM	NA	3379.45
MW024	11/3/2015	3431.32	51.85	NM	NA	3379.47
MW024	5/10/2016	3431.32	51.71	NM	NA	3379.61
MW024	9/22/2016	3431.32	51.66	NM	NA	3379.66
MW024	5/2/2017	3431.32	51.32	NM	NA	3380.00
MW024A	11/16/1999	3430.77	54.30	NM	NA	3376.47
MW024A	5/15/2001	3430.77	53.32	NM	NA	3377.45
MW024A	8/23/2001	3430.77	53.86	NM	NA	3376.91
MW024A	2/6/2002	3430.77	53.42	NM	NA	3377.35
MW024A	9/3/2002	3430.77	53.26	NM	NA	3377.51
MW024A	12/2/2002	3430.77	53.03	NM	NA	3377.74
MW024A	1/29/2003	3430.77	53.11	NM	NA	3377.66
MW024A	3/27/2003	3430.77	53.31	NM	NA	3377.46
MW024A	5/19/2003	3430.77	53.22	NM	NA	3377.55
MW024A	9/9/2003	3430.77	53.73	NM	NA	3377.04
MW024A	12/2/2003	3430.77	53.69	NM	NA	3377.08
MW024A	3/30/2004	3430.77	53.87	NM	NA	3376.90
MW024A	6/7/2004	3430.77	53.89	NM	NA	3376.88
MW024A	9/16/2004	3430.77	53.11	NM	NA	3377.66
MW024A	11/29/2004	3430.77	53.04	NM	NA	3377.73
MW024A	3/31/2005	3430.77	52.50	NM	NA	3378.27
MW024A	5/23/2005	3430.77	52.26	NM	NA	3378.51
MW024A	1/17/2006	3430.77	51.43	NM	NA	3379.34
MW024A	6/14/2006	3430.77	50.90	NM	NA	3379.87
MW024A	4/11/2007	3430.77	50.82	NM	NA	3379.95
MW024A	9/18/2007	3430.77	50.88	NM	NA	3379.89
MW024A	3/19/2008	3430.77	50.88	NM	NA	3379.89
MW024A	8/4/2008	3430.77	50.98	NM	NA	3379.79
MW024A	3/11/2009	3430.77	51.15	NM	NA	3379.62
MW024A	7/29/2009	3430.77	51.17	NM	NA	3379.60
MW024A	3/1/2010	3430.77	51.22	NM	NA	3379.55
MW024A	8/2/2010	3430.77	51.24	NM	NA	3379.53
MW024A	5/3/2011	3430.77	51.07	NM	NA	3379.70
MW024A	11/2/2011	3430.77	51.22	NM	NA	3379.55
MW024A	5/1/2012	3430.77	51.20	NM	NA	3379.57
MW024A	10/24/2012	3430.77	51.35	NM	NA	3379.42
MW024A	5/1/2013	3430.77	51.54	NM	NA	3379.23
MW024A	10/29/2013	3430.77	51.64	NM	NA	3379.13

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Appendix C
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW024A	5/5/2014	3430.77	51.70	NM	NA	3379.07
MW024A	11/3/2014	3430.77	51.60	NM	NA	3379.17
MW024A	5/6/2015	3430.77	51.32	NM	NA	3379.45
MW024A	11/3/2015	3430.77	51.31	NM	NA	3379.46
MW024A	5/10/2016	3430.77	51.14	NM	NA	3379.63
MW024A	9/22/2016	3430.77	51.14	NM	NA	3379.63
MW024A	5/2/2017	3430.77	50.79	NM	NA	3379.98
MW024A	9/18/2017	3430.77	50.71	NM	NA	3380.06
MW024A	3/20/2018	3430.77	54.58	NM	NA	3376.19
MW024A	9/12/2018	3430.77	50.67	NM	NA	3380.10
MW024A	4/9/2019	3430.77	50.37	NM	NA	3380.40
MW024A	10/7/2019	3430.77	50.57	NM	NA	3380.20
MW024A	3/9/2020	3430.77	50.59	NM	NA	3380.18
MW024A	3/10/2021	3430.77	50.41	NM	NA	3380.36
MW024A	10/11/2021	3430.77	50.45	NM	NA	3380.32
MW024A	2/18/2022	3430.77	50.78	NM	NA	3379.99
MW024A	2/20/2023	3430.77	50.71	NM	NA	3380.06
MW025	11/16/1999	3432.69	53.23	NM	NA	3379.46
MW025	5/15/2001	3432.69	53.24	NM	NA	3379.45
MW025	8/23/2001	3432.69	53.02	NM	NA	3379.67
MW025	1/21/2002	3432.69	53.03	NM	NA	3379.66
MW025	4/5/2002	3432.69	53.17	NM	NA	3379.52
MW025	9/3/2002	3432.69	53.01	NM	NA	3379.68
MW025	12/2/2002	3432.69	52.83	NM	NA	3379.86
MW025	1/29/2003	3432.69	52.80	NM	NA	3379.89
MW025	3/28/2003	3432.69	52.86	NM	NA	3379.83
MW025	5/19/2003	3432.69	52.59	NM	NA	3380.10
MW025	9/9/2003	3432.69	52.62	NM	NA	3380.07
MW025	12/2/2003	3432.69	52.55	NM	NA	3380.14
MW025	3/30/2004	3432.69	52.70	NM	NA	3379.99
MW025	6/7/2004	3432.69	52.62	NM	NA	3380.07
MW025	9/16/2004	3432.69	52.48	NM	NA	3380.21
MW025	11/29/2004	3432.69	52.41	NM	NA	3380.28
MW025	3/31/2005	3432.69	52.10	NM	NA	3380.59
MW025	5/23/2005	3432.69	51.88	NM	NA	3380.81
MW025	1/17/2006	3432.69	51.43	NM	NA	3381.26
MW025	6/16/2006	3432.69	51.40	NM	NA	3381.29
MW025	3/22/2007	3432.69	50.04	NM	NA	3382.65
MW025	9/18/2007	3432.69	50.89	NM	NA	3381.80
MW025	3/18/2008	3432.69	50.85	NM	NA	3381.84
MW025	8/4/2008	3432.69	51.10	NM	NA	3381.59
MW025	3/10/2009	3432.69	51.12	NM	NA	3381.57
MW025	7/28/2009	3432.69	51.31	NM	NA	3381.38
MW025	3/1/2010	3432.69	51.41	NM	NA	3381.28
MW025	8/3/2010	3432.69	51.41	NM	NA	3381.28
MW025	5/3/2011	3432.69	51.30	NM	NA	3381.39
MW025	11/1/2011	3432.64	51.25	NM	NA	3381.39
MW025	5/1/2012	3432.64	51.38	NM	NA	3381.26
MW025	10/25/2012	3432.64	51.53	NM	NA	3381.11
MW025	4/30/2013	3432.64	51.58	NM	NA	3381.06
MW026	11/16/1999	3432.04	52.95	NM	NA	3379.09
MW026	5/15/2001	3432.04	52.08	NM	NA	3379.96
MW026	8/23/2001	3432.04	52.06	NM	NA	3379.98
MW026	1/21/2002	3432.04	51.91	NM	NA	3380.13
MW026	4/4/2002	3432.04	52.00	NM	NA	3380.04
MW026	9/3/2002	3432.04	51.99	NM	NA	3380.05
MW026	12/2/2002	3432.04	51.60	NM	NA	3380.44
MW026	1/30/2003	3432.04	51.43	NM	NA	3380.61
MW026	3/28/2003	3432.04	51.62	NM	NA	3380.42
MW026	5/19/2003	3432.04	51.52	NM	NA	3380.52
MW026	9/8/2003	3432.04	51.64	NM	NA	3380.40
MW026	12/2/2003	3432.04	51.49	NM	NA	3380.55
MW026	3/30/2004	3432.04	51.70	NM	NA	3380.34
MW026	6/7/2004	3432.04	51.69	NM	NA	3380.35
MW026	9/16/2004	3432.04	51.62	NM	NA	3380.42
MW026	11/30/2004	3432.04	51.56	NM	NA	3380.48
MW026	3/31/2005	3432.04	51.03	NM	NA	3381.01
MW026	5/23/2005	3432.04	50.79	NM	NA	3381.25
MW026	1/17/2006	3432.04	50.43	NM	NA	3381.61
MW026	6/15/2006	3432.04	50.23	NM	NA	3381.81

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Appendix C
Historical Groundwater Elevations
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW026	4/5/2007	3432.04	51.12	NM	NA	3380.92
MW026	9/10/2007	3432.04	49.84	NM	NA	3382.20
MW026	3/18/2008	3432.04	49.74	NM	NA	3382.30
MW026	8/4/2008	3432.04	49.80	NM	NA	3382.24
MW026	3/10/2009	3432.04	50.25	NM	NA	3381.79
MW026	7/28/2009	3432.04	50.52	NM	NA	3381.52
MW026	3/1/2010	3432.04	50.75	NM	NA	3381.29
MW026	8/2/2010	3432.04	52.85	NM	NA	3379.19
MW026	5/3/2011	3432.04	50.76	NM	NA	3381.28
MW026	11/1/2011	3432.04	50.78	NM	NA	3381.26
MW026	5/3/2012	3432.04	50.83	NM	NA	3381.21
MW026	10/25/2012	3432.04	51.08	NM	NA	3380.96
MW026	4/30/2013	3432.04	50.90	NM	NA	3381.14
MW026	10/29/2013	3432.04	50.82	NM	NA	3381.22
MW026	5/5/2014	3432.04	51.15	NM	NA	3380.89
MW026	11/3/2014	3432.04	51.20	NM	NA	3380.84
MW026	5/6/2015	3432.04	50.89	NM	NA	3381.15
MW026	11/3/2015	3432.04	50.90	NM	NA	3381.14
MW026	5/9/2016	3432.04	50.63	NM	NA	3381.41
MW026	9/22/2016	3432.04	50.62	NM	NA	3381.42
MW026	9/18/2017	3432.04	50.07	NM	NA	3381.97
MW026	3/20/2018	3432.04	49.84	NM	NA	3382.20
MW026	9/13/2018	3432.04	49.8	NM	NA	3382.24
MW026	4/16/2019	3432.04	NM	NM	NA	NM
MW026	10/8/2019	3432.04	49.6	NM	NA	3382.44
MW026	3/9/2020	3432.04	49.68	NM	NA	3382.36
MW026	3/11/2021	3432.04	49.46	NM	NA	3382.58
MW026	10/11/2021	3432.04	49.85	NM	NA	3382.19
MW026	2/14/2022	3432.04	50.05	NM	NA	3381.99
MW026	2/21/2023	3432.04	50.41	NM	NA	3381.63
MW027	11/16/1999	3443.33	64.65	NM	NA	3378.68
MW027	5/15/2001	3443.33	64.09	NM	NA	3379.24
MW027	8/23/2001	3443.33	63.82	NM	NA	3379.51
MW027	1/21/2002	3443.33	63.87	NM	NA	3379.46
MW027	4/4/2002	3443.33	63.90	NM	NA	3379.43
MW027	9/3/2002	3443.33	63.90	NM	NA	3379.43
MW027	12/2/2002	3443.33	63.64	NM	NA	3379.69
MW027	1/30/2003	3443.33	63.59	NM	NA	3379.74
MW027	3/27/2003	3443.33	63.49	NM	NA	3379.84
MW027	5/19/2003	3443.33	63.63	NM	NA	3379.70
MW027	9/8/2003	3443.33	63.58	NM	NA	3379.75
MW027	12/2/2003	3443.33	63.48	NM	NA	3379.85
MW027	3/30/2004	3443.33	63.62	NM	NA	3379.71
MW027	6/7/2004	3443.33	63.67	NM	NA	3379.66
MW027	9/16/2004	3443.33	63.55	NM	NA	3379.78
MW027	11/29/2004	3443.33	63.48	NM	NA	3379.85
MW027	3/31/2005	3443.33	62.98	NM	NA	3380.35
MW027	5/23/2005	3443.33	62.73	NM	NA	3380.60
MW027	1/17/2006	3443.33	62.39	NM	NA	3380.94
MW027	6/16/2006	3443.33	62.32	NM	NA	3381.01
MW027	3/21/2007	3443.33	62.13	NM	NA	3381.20
MW027	9/13/2007	3443.33	62.04	NM	NA	3381.29
MW027	3/18/2008	3443.33	61.99	NM	NA	3381.34
MW027	8/4/2008	3443.33	62.14	NM	NA	3381.19
MW027	7/29/2009	3443.33	62.52	NM	NA	3380.81
MW027	3/1/2010	3443.33	62.73	NM	NA	3380.60
MW027	8/2/2010	3443.33	62.84	NM	NA	3380.49
MW027	5/3/2011	3443.33	62.57	NM	NA	3380.76
MW027	11/1/2011	3443.33	62.57	NM	NA	3380.76
MW027	5/17/2012	3443.33	62.65	NM	NA	3380.68
MW027	10/24/2012	3443.33	62.67	NM	NA	3380.66
MW027	4/30/2013	3443.33	62.80	NM	NA	3380.53
MW027	10/29/2013	3443.33	62.99	NM	NA	3380.34
MW027	5/5/2014	3443.33	62.87	NM	NA	3380.46
MW027	11/3/2014	3443.33	62.90	NM	NA	3380.43
MW027	5/6/2015	3443.33	62.65	NM	NA	3380.68
MW027	11/3/2015	3443.33	62.70	NM	NA	3380.63
MW027	5/9/2016	3443.33	62.55	NM	NA	3380.78
MW027	9/22/2016	3443.33	62.47	NM	NA	3380.86
MW027	5/2/2017	3443.33	62.05	NM	NA	3381.28

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW027	9/18/2017	3443.33	62.1	NM	NA	3381.23
MW027	3/20/2018	3443.33	61.89	NM	NA	3381.44
MW027	9/13/2018	3443.33	61.88	NM	NA	3381.45
MW027	4/16/2019	3443.33	62.91	NM	NA	3380.42
MW027	10/7/2019	3443.33	61.89	NM	NA	3381.44
MW027	3/9/2020	3443.33	61.85	NM	NA	3381.48
MW027	3/11/2021	3443.33	61.58	NM	NA	3381.75
MW027	10/11/2021	3443.33	61.92	NM	NA	3381.41
MW027	2/14/2022	3443.33	62.2	NM	NA	3381.13
MW027	2/21/2023	3443.33	62.38	NM	NA	3380.95
MW028	11/16/1999	3451.63	73.52	NM	NA	3378.11
MW028	5/15/2001	3451.63	72.89	NM	NA	3378.74
MW028	8/23/2001	3451.63	72.86	NM	NA	3378.77
MW028	1/21/2002	3451.63	72.75	NM	NA	3378.88
MW028	4/5/2002	3451.63	72.77	NM	NA	3378.86
MW028	9/3/2002	3451.63	72.71	NM	NA	3378.92
MW028	12/2/2002	3451.63	72.55	NM	NA	3379.08
MW028	1/29/2003	3451.63	72.51	NM	NA	3379.12
MW028	3/28/2003	3451.63	72.58	NM	NA	3379.05
MW028	5/19/2003	3451.63	72.52	NM	NA	3379.11
MW028	9/9/2003	3451.63	72.53	NM	NA	3379.10
MW028	1/28/2004	3451.63	72.53	NM	NA	3379.10
MW028	3/30/2004	3451.63	72.36	NM	NA	3379.27
MW028	6/7/2004	3451.63	72.25	NM	NA	3379.38
MW028	9/17/2004	3451.63	72.28	NM	NA	3379.35
MW028	11/29/2004	3451.63	71.89	NM	NA	3379.74
MW028	4/1/2005	3451.63	71.71	NM	NA	3379.92
MW028	5/23/2005	3451.63	71.55	NM	NA	3380.08
MW028	1/17/2006	3451.63	71.10	NM	NA	3380.53
MW028	6/14/2006	3451.63	71.16	NM	NA	3380.47
MW028	3/21/2007	3451.63	70.91	NM	NA	3380.72
MW028	9/5/2007	3451.63	70.61	NM	NA	3381.02
MW028	3/18/2008	3451.63	70.68	NM	NA	3380.95
MW028	8/4/2008	3451.63	69.96	NM	NA	3381.67
MW028	3/10/2009	3451.63	70.70	NM	NA	3380.93
MW028	7/28/2009	3451.63	70.89	NM	NA	3380.74
MW028	3/1/2010	3451.63	70.92	NM	NA	3380.71
MW028	8/2/2010	3451.63	70.66	NM	NA	3380.97
MW028	5/3/2011	3451.63	70.66	NM	NA	3380.97
MW028	11/1/2011	3451.63	70.76	NM	NA	3380.87
MW028	5/24/2012	3451.63	70.92	NM	NA	3380.71
MW028	10/24/2012	3451.63	70.92	NM	NA	3380.71
MW028	4/30/2013	3451.63	71.00	NM	NA	3380.63
MW029	11/16/1999	3446.89	68.62	NM	NA	3378.27
MW029	5/15/2001	3446.89	68.12	NM	NA	3378.77
MW029	8/30/2001	3446.89	68.47	NM	NA	3378.42
MW029	2/6/2002	3446.89	67.97	NM	NA	3378.92
MW029	9/3/2002	3446.89	67.86	NM	NA	3379.03
MW029	12/2/2002	3446.89	67.70	NM	NA	3379.19
MW029	1/29/2003	3446.89	67.73	NM	NA	3379.16
MW029	3/27/2003	3446.89	67.66	NM	NA	3379.23
MW029	5/19/2003	3446.89	67.63	NM	NA	3379.26
MW029	9/9/2003	3446.89	67.68	NM	NA	3379.21
MW029	12/2/2003	3446.89	67.59	NM	NA	3379.30
MW029	3/30/2004	3446.89	67.50	NM	NA	3379.39
MW029	6/7/2004	3446.89	67.53	NM	NA	3379.36
MW029	6/16/2004	3446.89	67.49	NM	NA	3379.40
MW029	11/29/2004	3446.89	67.58	NM	NA	3379.31
MW029	3/31/2005	3446.89	67.33	NM	NA	3379.56
MW029	5/23/2005	3446.89	67.15	NM	NA	3379.74
MW029	1/17/2006	3446.89	66.99	NM	NA	3379.90
MW029	6/14/2006	3446.89	66.75	NM	NA	3380.14
MW029	3/28/2007	3446.89	66.46	NM	NA	3380.43
MW029	9/5/2007	3446.89	66.25	NM	NA	3380.64
MW029	3/18/2008	3446.89	66.09	NM	NA	3380.80
MW029	8/4/2008	3446.89	65.98	NM	NA	3380.91
MW029	3/10/2009	3446.89	65.97	NM	NA	3380.92
MW029	7/28/2009	3446.89	65.92	NM	NA	3380.97
MW029	3/1/2010	3446.89	66.00	NM	NA	3380.89
MW029	8/2/2010	3446.89	65.96	NM	NA	3380.93

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW029	5/4/2011	3446.89	65.85	NM	NA	3381.04
MW029	11/1/2011	3446.89	65.81	NM	NA	3381.08
MW029	5/1/2012	3446.89	65.80	NM	NA	3381.09
MW029	10/24/2012	3446.89	65.80	NM	NA	3381.09
MW029	5/1/2013	3446.89	65.91	NM	NA	3380.98
MW030	4/24/2002	3439.84	61.42	NM	NA	3378.42
MW030	5/7/2002	3439.84	61.30	NM	NA	3378.54
MW030	9/3/2002	3439.84	61.39	NM	NA	3378.45
MW030	12/2/2002	3439.84	61.18	NM	NA	3378.66
MW030	1/29/2003	3439.84	61.80	NM	NA	3378.04
MW030	3/27/2003	3439.84	61.14	NM	NA	3378.70
MW030	5/19/2003	3439.84	61.16	NM	NA	3378.68
MW030	9/9/2003	3439.84	61.16	NM	NA	3378.68
MW030	12/2/2003	3439.84	61.06	NM	NA	3378.78
MW030	3/30/2004	3439.84	61.04	NM	NA	3378.80
MW030	6/7/2004	3439.84	61.03	NM	NA	3378.81
MW030	9/17/2004	3439.84	61.06	NM	NA	3378.78
MW030	11/29/2004	3439.84	61.08	NM	NA	3378.76
MW030	3/31/2005	3439.84	60.80	NM	NA	3379.04
MW030	5/23/2005	3439.84	60.60	NM	NA	3379.24
MW030	1/17/2006	3439.84	60.28	NM	NA	3379.56
MW030	6/14/2006	3439.84	59.99	NM	NA	3379.85
MW030	3/28/2007	3439.84	59.58	NM	NA	3380.26
MW030	9/10/2007	3439.84	59.40	NM	NA	3380.44
MW030	3/18/2008	3439.84	58.20	NM	NA	3381.64
MW030	8/4/2008	3439.84	59.14	NM	NA	3380.70
MW030	3/10/2009	3439.84	59.25	NM	NA	3380.59
MW030	7/28/2009	3439.84	59.24	NM	NA	3380.60
MW030	3/1/2010	3439.84	59.32	NM	NA	3380.52
MW030	8/2/2010	3439.84	59.32	NM	NA	3380.52
MW030	5/4/2011	3439.84	59.23	NM	NA	3380.61
MW030	11/1/2011	3439.84	59.17	NM	NA	3380.67
MW030	5/1/2012	3439.84	59.17	NM	NA	3380.67
MW030	10/24/2012	3439.84	59.20	NM	NA	3380.64
MW030	5/1/2013	3439.84	59.39	NM	NA	3380.45
MW030	10/28/2013	3439.84	59.42	NM	NA	3380.42
MW030	5/5/2014	3439.84	59.47	NM	NA	3380.37
MW030	11/3/2014	3439.84	59.51	NM	NA	3380.33
MW030	5/6/2015	3439.84	59.30	NM	NA	3380.54
MW030	11/3/2015	3439.84	59.23	NM	NA	3380.61
MW030	5/10/2016	3439.84	59.15	NM	NA	3380.69
MW030	9/22/2016	3439.84	59.13	NM	NA	3380.71
MW030	5/2/2017	3439.84	58.94	NM	NA	3380.90
MW030	9/18/2017	3439.84	58.87	NM	NA	3380.97
MW030	3/20/2018	3439.84	58.73	NM	NA	3381.11
MW030	9/13/2018	3439.84	58.7	NM	NA	3381.14
MW030	4/10/2019	3439.84	58.51	NM	NA	3381.33
MW030	10/7/2019	3439.84	58.6	NM	NA	3381.24
MW030	3/9/2020	3439.84	58.92	NM	NA	3380.92
MW030	3/11/2021	3439.84	58.39	NM	NA	3381.45
MW030	10/11/2021	3439.84	58.39	NM	NA	3381.45
MW030	2/21/2022	3439.84	58.73	NM	NA	3381.11
MW030	2/20/2023	3439.84	58.58	NM	NA	3381.26
MW030P	5/5/2014	NM	49.31	NM	NA	NM
MW030P	11/3/2014	NM	48.80	NM	NA	NM
MW030P	5/5/2015	NM	48.50	NM	NA	NM
MW030P	11/2/2015	NM	48.54	NM	NA	NM
MW030P	5/8/2016	NM	48.29	NM	NA	NM
MW030P	5/12/2016	NM	48.29	NM	NA	NM
MW030P	9/14/2016	NM	48.27	NM	NA	NM
MW030P	5/2/2017	NM	47.60	NM	NA	NM
MW031	4/25/2002	3440.68	61.80	NM	NA	3378.88
MW031	5/7/2002	3440.68	61.85	NM	NA	3378.83
MW031	9/3/2002	3440.68	61.88	NM	NA	3378.80
MW031	12/2/2002	3440.68	61.73	NM	NA	3378.95
MW031	1/29/2003	3440.68	61.71	NM	NA	3378.97
MW031	3/27/2003	3440.68	61.65	NM	NA	3379.03
MW031	5/19/2003	3440.68	61.67	NM	NA	3379.01
MW031	9/9/2003	3440.68	61.68	NM	NA	3379.00
MW031	12/2/2003	3440.68	61.50	NM	NA	3379.18

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW031	3/30/2004	3440.68	61.53	NM	NA	3379.15
MW031	6/7/2004	3440.68	61.51	NM	NA	3379.17
MW031	9/16/2004	3440.68	61.48	NM	NA	3379.20
MW031	11/29/2004	3440.68	61.43	NM	NA	3379.25
MW031	3/31/2005	3440.68	61.04	NM	NA	3379.64
MW031	5/23/2005	3440.68	60.96	NM	NA	3379.72
MW031	1/17/2006	3440.68	60.74	NM	NA	3379.94
MW031	6/14/2006	3440.68	60.53	NM	NA	3380.15
MW031	3/28/2007	3440.68	60.24	NM	NA	3380.44
MW031	9/10/2007	3440.68	60.00	NM	NA	3380.68
MW031	3/18/2008	3440.68	59.89	NM	NA	3380.79
MW031	8/4/2008	3440.68	59.90	NM	NA	3380.78
MW031	3/10/2009	3440.68	59.86	NM	NA	3380.82
MW031	7/28/2009	3440.68	59.58	NM	NA	3381.10
MW031	3/1/2010	3440.68	60.04	NM	NA	3380.64
MW031	8/2/2010	3440.68	60.04	NM	NA	3380.64
MW031	5/4/2011	3440.68	59.89	NM	NA	3380.79
MW031	11/1/2011	3440.68	59.79	NM	NA	3380.89
MW031	5/1/2012	3440.68	59.88	NM	NA	3380.80
MW031	10/24/2012	3440.68	59.91	NM	NA	3380.77
MW031	5/1/2013	3440.68	60.08	NM	NA	3380.60
MW031	10/28/2013	3440.68	60.03	NM	NA	3380.65
MW031	5/5/2014	3440.68	60.13	NM	NA	3380.55
MW031	11/3/2014	3440.68	60.15	NM	NA	3380.53
MW031	5/6/2015	3440.68	60.00	NM	NA	3380.68
MW031	11/3/2015	3440.68	59.88	NM	NA	3380.80
MW031	5/9/2016	3440.68	59.83	NM	NA	3380.85
MW031	9/22/2016	3440.68	59.92	NM	NA	3380.76
MW031	5/2/2017	3442.13	59.68	NM	NA	3382.45
MW031	9/18/2017	3440.68	59.58	NM	NA	3381.10
MW031	3/20/2018	3440.68	59.48	NM	NA	3381.20
MW031	9/13/2018	3440.68	59.42	NM	NA	3381.26
MW031	4/10/2019	3440.68	59.22	NM	NA	3381.46
MW031	10/7/2019	3440.68	59.46	NM	NA	3381.22
MW031	3/9/2020	3442.13	59.36	NM	NA	3382.77
MW031	3/11/2021	3440.68	59.14	NM	NA	3381.54
MW031	2/21/2022	3440.68	60.31	NM	NA	3380.37
MW031	2/20/2023	3440.68	59.44	NM	NA	3381.24
MW032	4/4/2002	3442.22	62.71	NM	NA	3379.51
MW032	9/3/2002	3442.22	62.61	NM	NA	3379.61
MW032	12/2/2002	3442.22	62.40	NM	NA	3379.82
MW032	1/31/2003	3442.22	62.55	NM	NA	3379.67
MW032	3/27/2003	3442.22	62.32	NM	NA	3379.90
MW032	5/19/2003	3442.22	62.37	NM	NA	3379.85
MW032	9/9/2003	3442.22	62.38	NM	NA	3379.84
MW032	12/2/2003	3442.22	62.23	NM	NA	3379.99
MW032	3/30/2004	3442.22	62.30	NM	NA	3379.92
MW032	6/7/2004	3442.22	62.28	NM	NA	3379.94
MW032	9/16/2004	3442.22	62.14	NM	NA	3380.08
MW032	3/31/2005	3442.22	61.54	NM	NA	3380.68
MW032	5/23/2005	3442.22	61.35	NM	NA	3380.87
MW032	1/17/2006	3442.22	60.93	NM	NA	3381.29
MW032	6/15/2006	3442.22	60.92	NM	NA	3381.30
MW032	4/13/2007	3442.22	60.75	NM	NA	3381.47
MW032	9/6/2007	3442.22	60.52	NM	NA	3381.70
MW032	3/19/2008	3442.22	60.59	NM	NA	3381.63
MW032	8/4/2008	3442.22	60.85	NM	NA	3381.37
MW032	3/10/2009	3442.22	60.82	NM	NA	3381.40
MW032	7/28/2009	3442.22	61.02	NM	NA	3381.20
MW032	3/1/2010	3442.22	61.06	NM	NA	3381.16
MW032	8/2/2010	3442.22	61.72	NM	NA	3380.50
MW032	8/3/2010	3442.22	47.79	NM	NA	3394.43
MW032	5/3/2011	3442.22	60.91	NM	NA	3381.31
MW032	11/1/2011	3442.22	62.91	NM	NA	3379.31
MW032	5/24/2012	3442.22	61.12	NM	NA	3381.10
MW032	10/24/2012	3442.22	61.08	NM	NA	3381.14
MW032	4/30/2013	3442.22	61.20	NM	NA	3381.02
MW032	10/29/2013	3442.22	61.33	NM	NA	3380.89
MW032	5/5/2014	3442.22	61.27	NM	NA	3380.95
MW032	11/3/2014	3442.22	61.20	NM	NA	3381.02

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Appendix C
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW032	5/6/2015	3442.22	61.07	NM	NA	3381.15
MW032	11/3/2015	3442.22	61.00	NM	NA	3381.22
MW032	5/9/2016	3442.22	61.00	NM	NA	3381.22
MW032	9/22/2016	3442.22	61.00	NM	NA	3381.22
MW032	5/2/2017	3442.22	60.57	NM	NA	3381.65
MW032	9/18/2017	3442.22	60.61	NM	NA	3381.61
MW032	3/20/2018	3442.22	60.41	NM	NA	3381.81
MW032	9/13/2018	3442.22	60.36	NM	NA	3381.86
MW032	4/10/2019	3442.22	60.13	NM	NA	3382.09
MW032	10/8/2019	3442.22	60.15	NM	NA	3382.07
MW032	3/9/2020	3442.22	60.33	NM	NA	3381.89
MW032	9/23/2020	3442.22	51.05	NM	NA	3391.17
MW032	3/12/2021	3442.22	60.12	NM	NA	3382.10
MW032	10/11/2021	3442.22	60.3	NM	NA	3381.92
MW032	2/14/2022	3442.22	60.6	NM	NA	3381.62
MW032	10/11/2022	3442.22	60.93	NM	NA	3381.29
MW032	2/21/2023	3442.22	60.79	NM	NA	3381.43
MW032	10/2/2023	3442.22	60.97	NM	NA	3381.25
MW033	4/4/2002	3428.86	48.95	NM	NA	3379.91
MW033	9/3/2002	3428.86	48.86	NM	NA	3380.00
MW033	12/5/2002	3428.86	48.76	NM	NA	3380.10
MW033	1/31/2003	3428.86	48.63	NM	NA	3380.23
MW033	3/27/2003	3428.86	48.50	NM	NA	3380.36
MW033	5/19/2003	3428.86	48.63	NM	NA	3380.23
MW033	9/9/2003	3428.86	48.59	NM	NA	3380.27
MW033	12/3/2003	3428.86	48.69	NM	NA	3380.17
MW033	3/30/2004	3428.86	49.78	NM	NA	3379.08
MW033	6/7/2004	3428.86	48.64	NM	NA	3380.22
MW033	9/16/2004	3428.86	48.51	NM	NA	3380.35
MW033	11/30/2004	3428.86	48.41	NM	NA	3380.45
MW033	4/1/2005	3428.86	48.24	NM	NA	3380.62
MW033	5/23/2005	3428.86	47.73	NM	NA	3381.13
MW033	1/17/2006	3428.86	47.27	NM	NA	3381.59
MW033	6/16/2006	3428.86	47.06	NM	NA	3381.80
MW033	4/23/2007	3428.86	46.85	NM	NA	3382.01
MW033	9/20/2007	3428.86	46.64	NM	NA	3382.22
MW033	3/18/2008	3428.86	46.62	NM	NA	3382.24
MW033	8/4/2008	3428.86	46.92	NM	NA	3381.94
MW033	3/11/2009	3428.86	47.19	NM	NA	3381.67
MW033	7/29/2009	3428.86	47.34	NM	NA	3381.52
MW033	3/1/2010	3428.86	47.47	NM	NA	3381.39
MW033	8/3/2010	3428.86	47.53	NM	NA	3381.33
MW033	5/3/2011	3428.86	47.40	NM	NA	3381.46
MW033	11/2/2011	3428.86	47.50	NM	NA	3381.36
MW033	5/24/2012	3428.86	47.56	NM	NA	3381.30
MW033	10/25/2012	3428.86	47.79	NM	NA	3381.07
MW033	4/30/2013	3428.86	47.78	NM	NA	3381.08
MW034	4/4/2002	3418.76	43.49	NM	NA	3375.27
MW034	9/3/2002	3418.76	43.43	NM	NA	3375.33
MW034	12/2/2002	3418.76	43.24	NM	NA	3375.52
MW034	1/30/2003	3418.76	43.31	NM	NA	3375.45
MW034	3/28/2003	3418.76	43.20	NM	NA	3375.56
MW034	5/19/2003	3418.76	43.24	NM	NA	3375.52
MW034	9/8/2003	3418.76	43.43	NM	NA	3375.33
MW034	12/2/2003	3418.76	43.37	NM	NA	3375.39
MW034	3/30/2004	3418.76	43.55	NM	NA	3375.21
MW034	6/7/2004	3418.76	43.50	NM	NA	3375.26
MW034	9/16/2004	3418.76	43.41	NM	NA	3375.35
MW034	11/29/2004	3418.76	43.71	NM	NA	3375.05
MW034	3/31/2005	3418.76	42.66	NM	NA	3376.10
MW034	5/23/2005	3418.76	42.52	NM	NA	3376.24
MW034	1/17/2006	3418.76	47.06	NM	NA	3371.70
MW034	6/19/2006	3418.76	41.70	NM	NA	3377.06
MW034	4/9/2007	3418.76	41.40	NM	NA	3377.36
MW034	3/19/2008	3418.76	41.35	NM	NA	3377.41
MW034	3/11/2009	3418.76	41.86	NM	NA	3376.90
MW034	3/1/2010	3418.76	41.95	NM	NA	3376.81
MW034	8/2/2010	3418.76	41.99	NM	NA	3376.77
MW034	5/4/2011	3418.76	41.96	NM	NA	3376.80
MW034	11/1/2011	3418.76	42.26	NM	NA	3376.50

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW034	5/8/2012	3418.76	42.33	NM	NA	3376.43
MW034	10/24/2012	3418.76	42.61	NM	NA	3376.15
MW034	4/30/2013	3418.76	42.76	NM	NA	3376.00
MW034	5/5/2014	3418.76	43.01	NM	NA	3375.75
MW034	11/3/2014	3418.76	42.61	NM	NA	3376.15
MW034	5/5/2015	3418.76	42.26	NM	NA	3376.50
MW034	11/2/2015	3418.76	42.34	NM	NA	3376.42
MW034	5/10/2016	3418.76	42.03	NM	NA	3376.73
MW034	9/15/2016	3418.76	42.11	NM	NA	3376.65
MW034	5/3/2017	3418.76	41.40	NM	NA	3377.36
MW035	8/23/2001	3427.39	50.49	NM	NA	3376.90
MW035	1/21/2002	3427.39	50.45	NM	NA	3376.94
MW035	4/4/2002	3427.39	50.58	NM	NA	3376.81
MW035	9/3/2002	3427.39	50.04	NM	NA	3377.35
MW035	12/2/2002	3427.39	50.03	NM	NA	3377.36
MW035	1/31/2003	3427.39	50.03	NM	NA	3377.36
MW035	3/28/2003	3427.39	50.19	NM	NA	3377.20
MW035	5/19/2003	3427.39	50.24	NM	NA	3377.15
MW035	9/9/2003	3427.39	50.35	NM	NA	3377.04
MW035	12/3/2003	3427.39	50.32	NM	NA	3377.07
MW035	3/30/2004	3427.39	50.52	NM	NA	3376.87
MW035	6/7/2004	3427.39	50.51	NM	NA	3376.88
MW035	9/17/2004	3427.39	49.98	NM	NA	3377.41
MW035	11/30/2004	3427.39	49.09	NM	NA	3378.30
MW035	3/31/2005	3427.39	49.02	NM	NA	3378.37
MW035	5/23/2005	3427.39	49.06	NM	NA	3378.33
MW035	1/17/2006	3427.39	48.44	NM	NA	3378.95
MW035	6/19/2006	3427.39	48.18	NM	NA	3379.21
MW035	4/2/2007	3427.39	47.91	NM	NA	3379.48
MW035	3/18/2008	3427.39	47.94	NM	NA	3379.45
MW035	3/10/2009	3427.39	48.45	NM	NA	3378.94
MW035	3/1/2010	3427.39	48.58	NM	NA	3378.81
MW035	8/2/2010	3427.39	48.44	NM	NA	3378.95
MW035	5/6/2011	3427.39	46.18	NM	NA	3381.21
MW035	11/1/2011	3427.39	48.79	NM	NA	3378.60
MW035	5/3/2012	3427.39	48.80	NM	NA	3378.59
MW035	10/24/2012	3427.39	49.16	NM	NA	3378.23
MW035	5/2/2013	3427.39	49.25	NM	NA	3378.14
MW036	8/23/2001	3425.49	48.36	NM	NA	3377.13
MW036	1/21/2002	3425.49	48.22	NM	NA	3377.27
MW036	4/4/2002	3425.49	48.24	NM	NA	3377.25
MW036	9/3/2002	3425.49	47.75	NM	NA	3377.74
MW036	12/2/2002	3425.49	47.78	NM	NA	3377.71
MW036	1/31/2003	3425.49	47.84	NM	NA	3377.65
MW036	3/28/2003	3425.49	47.91	NM	NA	3377.58
MW036	5/19/2003	3425.49	47.96	NM	NA	3377.53
MW036	9/9/2003	3425.49	48.12	NM	NA	3377.37
MW036	12/3/2003	3425.49	48.22	NM	NA	3377.27
MW036	3/30/2004	3425.49	48.37	NM	NA	3377.12
MW036	6/7/2004	3425.49	48.32	NM	NA	3377.17
MW036	9/17/2004	3425.49	47.86	NM	NA	3377.63
MW036	11/30/2004	3425.49	47.20	NM	NA	3378.29
MW036	4/1/2005	3425.49	46.89	NM	NA	3378.60
MW036	5/23/2005	3425.49	46.80	NM	NA	3378.69
MW036	1/17/2006	3425.49	46.11	NM	NA	3379.38
MW036	6/19/2006	3425.49	45.79	NM	NA	3379.70
MW036	4/19/2007	3425.49	45.52	NM	NA	3379.97
MW036	3/24/2008	3425.49	45.65	NM	NA	3379.84
MW036	3/11/2009	3425.49	46.18	NM	NA	3379.31
MW036	3/1/2010	3425.49	46.26	NM	NA	3379.23
MW036	8/3/2010	3425.49	46.37	NM	NA	3379.12
MW036	5/6/2011	3425.49	46.00	NM	NA	3379.49
MW036	11/2/2011	3425.49	46.22	NM	NA	3379.27
MW036	5/22/2012	3425.49	46.48	NM	NA	3379.01
MW036	10/24/2012	3425.49	46.82	NM	NA	3378.67
MW036	5/2/2013	3425.49	46.90	NM	NA	3378.59
MW036	10/29/2013	3425.49	47.15	NM	NA	3378.34
MW036	5/5/2014	3425.49	47.15	NM	NA	3378.34
MW036	11/3/2014	3425.49	46.80	NM	NA	3378.69
MW036	5/6/2015	3425.49	46.40	NM	NA	3379.09

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW036	9/16/2015	3425.49	46.21	NM	NA	3379.28
MW036	11/3/2015	3425.49	46.48	NM	NA	3379.01
MW036	5/12/2016	3425.49	46.24	NM	NA	3379.25
MW036	5/3/2017	3425.49	45.62	NM	NA	3379.87
MW037	8/23/2001	3423.71	46.60	NM	NA	3377.11
MW037	1/21/2002	3423.71	46.59	NM	NA	3377.12
MW037	4/4/2002	3423.71	46.62	NM	NA	3377.09
MW037	9/3/2002	3423.71	46.07	NM	NA	3377.64
MW037	12/2/2002	3423.71	46.17	NM	NA	3377.54
MW037	1/31/2003	3423.71	46.28	NM	NA	3377.43
MW037	3/28/2003	3423.71	46.29	NM	NA	3377.42
MW037	5/19/2003	3423.71	46.39	NM	NA	3377.32
MW037	9/9/2003	3423.71	46.52	NM	NA	3377.19
MW037	12/3/2003	3423.71	46.46	NM	NA	3377.25
MW037	3/30/2004	3423.71	47.76	NM	NA	3375.95
MW037	6/7/2004	3423.71	46.64	NM	NA	3377.07
MW037	9/17/2004	3423.71	46.18	NM	NA	3377.53
MW037	11/30/2004	3423.71	45.51	NM	NA	3378.20
MW037	4/1/2005	3423.71	45.34	NM	NA	3378.37
MW037	5/23/2005	3423.71	45.21	NM	NA	3378.50
MW037	1/18/2006	3423.71	44.46	NM	NA	3379.25
MW037	6/19/2006	3423.71	44.29	NM	NA	3379.42
MW037	4/19/2007	3423.71	44.05	NM	NA	3379.66
MW037	3/24/2008	3423.71	44.15	NM	NA	3379.56
MW037	3/11/2009	3423.71	45.74	NM	NA	3377.97
MW037	3/1/2010	3423.71	44.74	NM	NA	3378.97
MW037	5/6/2011	3423.71	44.55	NM	NA	3379.16
MW037	11/2/2011	3423.71	44.86	NM	NA	3378.85
MW037	5/3/2012	3423.71	45.00	NM	NA	3378.71
MW037	10/23/2012	3423.71	45.31	NM	NA	3378.40
MW037	5/1/2013	3423.71	45.43	NM	NA	3378.28
MW037	10/29/2013	3423.71	45.95	NM	NA	3377.76
MW037	5/5/2014	3423.71	45.71	NM	NA	3378.00
MW037	11/3/2014	3423.71	45.30	NM	NA	3378.41
MW037	5/6/2015	3423.71	44.94	NM	NA	3378.77
MW037	11/2/2015	3423.71	44.99	NM	NA	3378.72
MW037	5/2/2017	3423.71	43.98	NM	NA	3379.73
MW037	9/18/2017	3423.71	44.15	NM	NA	3379.56
MW037	3/20/2018	3423.71	43.86	NM	NA	3379.85
MW037	9/11/2018	3423.71	45.09	NM	NA	3378.62
MW037	4/10/2019	3423.71	43.52	NM	NA	3380.19
MW037	10/7/2019	3423.71	44.04	NM	NA	3379.67
MW037	3/9/2020	3423.71	45.55	NM	NA	3378.16
MW037	3/8/2021	3423.71	43.85	NM	NA	3379.86
MW037	2/15/2022	3423.71	44.12	NM	NA	3379.59
MW038	8/23/2001	3425.23	47.85	NM	NA	3377.38
MW038	1/21/2002	3425.23	47.69	NM	NA	3377.54
MW038	4/4/2002	3425.23	47.81	NM	NA	3377.42
MW038	9/3/2002	3425.23	47.43	NM	NA	3377.80
MW038	12/2/2002	3425.23	47.30	NM	NA	3377.93
MW038	1/31/2003	3425.23	47.41	NM	NA	3377.82
MW038	3/28/2003	3425.23	47.51	NM	NA	3377.72
MW038	5/19/2003	3425.23	47.42	NM	NA	3377.81
MW038	9/9/2003	3425.23	47.61	NM	NA	3377.62
MW038	12/3/2003	3425.23	47.72	NM	NA	3377.51
MW038	3/30/2004	3425.23	47.80	NM	NA	3377.43
MW038	6/7/2004	3425.23	47.76	NM	NA	3377.47
MW038	9/17/2004	3425.23	47.44	NM	NA	3377.79
MW038	11/30/2004	3425.23	46.89	NM	NA	3378.34
MW038	4/1/2005	3425.23	46.54	NM	NA	3378.69
MW038	5/23/2005	3425.23	46.35	NM	NA	3378.88
MW038	1/17/2006	3425.23	45.61	NM	NA	3379.62
MW038	6/19/2006	3425.23	45.32	NM	NA	3379.91
MW038	4/19/2007	3425.23	45.09	NM	NA	3380.14
MW038	3/24/2008	3425.23	45.20	NM	NA	3380.03
MW038	3/11/2009	3425.23	45.73	NM	NA	3379.50
MW038	3/1/2010	3425.23	45.89	NM	NA	3379.34
MW038	8/2/2010	3425.23	45.93	NM	NA	3379.30
MW038	5/3/2011	3425.23	45.67	NM	NA	3379.56
MW038	11/2/2011	3425.23	45.63	NM	NA	3379.60

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW038	5/4/2012	3425.23	46.01	NM	NA	3379.22
MW038	10/23/2012	3425.23	46.29	NM	NA	3378.94
MW038	5/2/2013	3425.23	46.51	NM	NA	3378.72
MW038	10/29/2013	3425.23	46.64	NM	NA	3378.59
MW038	5/5/2014	3425.23	46.67	NM	NA	3378.56
MW038	11/3/2014	3425.23	46.29	NM	NA	3378.94
MW038	5/6/2015	3425.23	45.91	NM	NA	3379.32
MW038	9/16/2015	3425.23	45.75	NM	NA	3379.48
MW038	11/3/2015	3425.23	46.01	NM	NA	3379.22
MW038	5/12/2016	3425.23	45.78	NM	NA	3379.45
MW038	5/3/2017	3425.23	45.12	NM	NA	3380.11
MW039A	8/23/2001	3435.71	57.85	NM	NA	3377.86
MW039A	1/21/2002	3435.71	57.62	NM	NA	3378.09
MW039A	4/4/2002	3435.71	57.71	NM	NA	3378.00
MW039A	9/3/2002	3435.71	57.47	NM	NA	3378.24
MW039A	12/2/2002	3435.71	57.20	NM	NA	3378.51
MW039A	1/30/2003	3435.71	57.20	NM	NA	3378.51
MW039A	3/28/2003	3435.71	57.40	NM	NA	3378.31
MW039A	5/19/2003	3435.71	57.27	NM	NA	3378.44
MW039A	9/9/2003	3435.71	57.43	NM	NA	3378.28
MW039A	12/2/2003	3435.71	57.32	NM	NA	3378.39
MW039A	3/30/2004	3435.71	57.43	NM	NA	3378.28
MW039A	6/7/2004	3435.71	57.52	NM	NA	3378.19
MW039A	9/17/2004	3435.71	57.22	NM	NA	3378.49
MW039A	11/30/2004	3435.71	57.00	NM	NA	3378.71
MW039A	3/31/2005	3435.71	56.54	NM	NA	3379.17
MW039A	5/23/2005	3435.71	56.29	NM	NA	3379.42
MW039A	1/16/2006	3435.71	55.75	NM	NA	3379.96
MW039A	6/19/2006	3435.71	55.41	NM	NA	3380.30
MW039A	4/12/2007	3435.71	55.01	NM	NA	3380.70
MW039A	3/19/2008	3435.71	54.88	NM	NA	3380.83
MW039A	3/11/2009	3435.71	55.14	NM	NA	3380.57
MW039A	3/1/2010	3435.71	55.16	NM	NA	3380.55
MW039A	8/3/2010	3435.71	55.24	NM	NA	3380.47
MW039A	5/6/2011	3435.71	55.08	NM	NA	3380.63
MW039A	11/4/2011	3435.71	55.12	NM	NA	3380.59
MW039A	5/3/2012	3435.71	55.22	NM	NA	3380.49
MW039A	10/24/2012	3435.71	55.40	NM	NA	3380.31
MW039A	5/2/2013	3435.71	55.60	NM	NA	3380.11
MW039A	10/29/2013	3435.71	55.56	NM	NA	3380.15
MW039A	5/5/2014	3435.71	55.64	NM	NA	3380.07
MW039A	11/4/2014	3435.71	55.51	NM	NA	3380.20
MW039A	5/6/2015	3435.71	51.32	NM	NA	3384.39
MW040A	4/4/2002	3422.92	43.70	NM	NA	3379.22
MW040A	9/3/2002	3422.92	43.90	NM	NA	3379.02
MW040A	12/2/2002	3422.92	43.71	NM	NA	3379.21
MW040A	1/31/2003	3422.92	43.71	NM	NA	3379.21
MW040A	3/28/2003	3422.92	43.71	NM	NA	3379.21
MW040A	5/19/2003	3422.92	43.69	NM	NA	3379.23
MW040A	9/9/2003	3422.92	43.69	NM	NA	3379.23
MW040A	12/2/2003	3422.92	43.68	NM	NA	3379.24
MW040A	3/30/2004	3422.92	43.84	NM	NA	3379.08
MW040A	6/7/2004	3422.92	43.97	NM	NA	3378.95
MW040A	9/17/2004	3422.92	43.70	NM	NA	3379.22
MW040A	11/30/2004	3422.92	43.29	NM	NA	3379.63
MW040A	3/31/2005	3422.92	32.79	NM	NA	3390.13
MW040A	5/23/2005	3422.92	42.55	NM	NA	3380.37
MW040A	1/16/2006	3422.92	42.40	NM	NA	3380.52
MW040A	6/16/2006	3422.92	42.10	NM	NA	3380.82
MW040A	4/2/2007	3422.92	41.61	NM	NA	3381.31
MW040A	9/11/2007	3422.92	41.73	NM	NA	3381.19
MW040A	3/18/2008	3422.92	41.51	NM	NA	3381.41
MW040A	8/4/2008	3422.92	41.70	NM	NA	3381.22
MW040A	3/10/2009	3422.92	41.96	NM	NA	3380.96
MW040A	7/28/2009	3422.92	42.17	NM	NA	3380.75
MW040A	3/1/2010	3422.92	42.21	NM	NA	3380.71
MW040A	8/2/2010	3422.92	41.31	NM	NA	3381.61
MW040A	5/3/2011	3422.92	42.25	NM	NA	3380.67
MW040A	11/2/2011	3422.92	42.20	NM	NA	3380.72
MW040A	5/1/2012	3422.92	42.28	NM	NA	3380.64

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW040A	10/24/2012	3422.92	42.57	NM	NA	3380.35
MW040A	5/1/2013	3422.92	42.69	NM	NA	3380.23
MW040A	10/29/2013	3422.92	42.80	NM	NA	3380.12
MW040A	5/5/2014	3422.92	42.91	NM	NA	3380.01
MW040A	11/3/2014	3422.92	42.50	NM	NA	3380.42
MW040A	5/6/2015	3422.92	42.22	NM	NA	3380.70
MW040A	11/3/2015	3422.92	42.22	NM	NA	3380.70
MW040A	5/10/2016	3422.92	42.02	NM	NA	3380.90
MW040A	9/22/2016	3422.92	41.94	NM	NA	3380.98
MW040A	5/2/2017	3422.92	41.35	NM	NA	3381.57
MW040A	9/18/2017	3422.92	41.32	NM	NA	3381.60
MW040A	3/20/2018	3422.92	41.07	NM	NA	3381.85
MW040A	9/13/2018	3422.92	41.2	NM	NA	3381.72
MW040A	4/16/2019	3422.92	40.97	NM	NA	3381.95
MW040A	10/7/2019	3422.92	41.16	NM	NA	3381.76
MW040A	3/9/2020	3422.92	41.23	NM	NA	3381.69
MW040A	3/10/2021	3422.92	41.09	NM	NA	3381.83
MW040A	10/11/2021	3422.92	41.11	NM	NA	3381.81
MW040A	2/14/2022	3422.92	41.23	NM	NA	3381.69
MW040A	2/21/2023	3422.92	41.79	NM	NA	3381.13
MW041A	4/29/2002	3418.42	43.22	NM	NA	3375.20
MW041A	5/7/2002	3418.42	43.12	NM	NA	3375.30
MW041A	9/3/2002	3418.42	43.30	NM	NA	3375.12
MW041A	12/2/2002	3418.42	43.04	NM	NA	3375.38
MW041A	1/30/2003	3418.42	43.19	NM	NA	3375.23
MW041A	3/28/2003	3418.42	43.01	NM	NA	3375.41
MW041A	5/19/2003	3418.42	43.08	NM	NA	3375.34
MW041A	9/8/2003	3418.42	43.23	NM	NA	3375.19
MW041A	12/2/2003	3418.42	43.23	NM	NA	3375.19
MW041A	3/30/2004	3418.42	43.38	NM	NA	3375.04
MW041A	6/7/2004	3418.42	43.33	NM	NA	3375.09
MW041A	9/16/2004	3418.42	43.24	NM	NA	3375.18
MW041A	11/29/2004	3418.42	42.97	NM	NA	3375.45
MW041A	3/31/2005	3418.42	42.49	NM	NA	3375.93
MW041A	5/23/2005	3418.42	42.35	NM	NA	3376.07
MW041A	1/17/2006	3418.42	41.90	NM	NA	3376.52
MW041A	6/16/2006	3418.42	41.57	NM	NA	3376.85
MW041A	4/17/2007	3418.42	41.25	NM	NA	3377.17
MW041A	3/19/2008	3418.42	41.20	NM	NA	3377.22
MW041A	3/11/2009	3418.42	41.70	NM	NA	3376.72
MW041A	3/1/2010	3418.42	41.68	NM	NA	3376.74
MW041A	8/2/2010	3418.42	41.85	NM	NA	3376.57
MW041A	5/6/2011	3418.42	41.79	NM	NA	3376.63
MW041A	11/3/2011	3418.42	42.11	NM	NA	3376.31
MW041A	5/8/2012	3418.42	42.05	NM	NA	3376.37
MW041A	10/24/2012	3418.42	42.47	NM	NA	3375.95
MW041A	4/30/2013	3418.42	42.66	NM	NA	3375.76
MW041A	5/5/2014	3418.42	42.90	NM	NA	3375.52
MW041A	11/3/2014	3418.42	42.48	NM	NA	3375.94
MW041A	5/5/2015	3418.42	42.11	NM	NA	3376.31
MW041A	11/2/2015	3418.42	42.18	NM	NA	3376.24
MW041A	5/10/2016	3418.42	41.92	NM	NA	3376.50
MW041A	9/15/2016	3418.42	41.94	NM	NA	3376.48
MW041A	5/2/2017	3418.42	41.46	NM	NA	3376.96
MW041A	9/18/2017	3418.42	41.28	NM	NA	3377.14
MW041A	3/20/2018	3418.42	41.04	NM	NA	3377.38
MW041A	9/12/2018	3418.42	41.26	NM	NA	3377.16
MW041A	4/9/2019	3418.42	40.51	NM	NA	3377.91
MW041A	10/7/2019	3418.42	41.11	NM	NA	3377.31
MW041A	3/9/2020	3418.42	41.09	NM	NA	3377.33
MW041A	3/9/2021	3418.42	40.97	NM	NA	3377.45
MW041A	2/17/2022	3418.42	41.42	NM	NA	3377.00
MW041A	2/20/2023	3418.42	41.77	NM	NA	3376.65
MW042A	8/23/2001	3424.75	46.26	NM	NA	3378.49
MW042A	1/21/2002	3424.75	48.30	NM	NA	3376.45
MW042A	4/4/2002	3424.75	48.17	NM	NA	3376.58
MW042A	9/3/2002	3424.75	47.86	NM	NA	3376.89
MW042A	12/2/2002	3424.75	47.75	NM	NA	3377.00
MW042A	1/31/2003	3424.75	47.65	NM	NA	3377.10
MW042A	3/28/2003	3424.75	47.84	NM	NA	3376.91

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW042A	5/19/2003	3424.75	47.84	NM	NA	3376.91
MW042A	9/9/2003	3424.75	48.04	NM	NA	3376.71
MW042A	12/3/2003	3424.75	48.00	NM	NA	3376.75
MW042A	3/30/2004	3424.75	48.31	NM	NA	3376.44
MW042A	6/7/2004	3424.75	48.42	NM	NA	3376.33
MW042A	9/17/2004	3424.75	48.58	NM	NA	3376.17
MW042A	11/29/2004	3424.75	47.24	NM	NA	3377.51
MW042A	3/31/2005	3424.75	47.30	NM	NA	3377.45
MW042A	5/23/2005	3424.75	47.05	NM	NA	3377.70
MW042A	1/17/2006	3424.75	46.02	NM	NA	3378.73
MW042A	6/19/2006	3424.75	45.90	NM	NA	3378.85
MW042A	4/17/2007	3424.75	45.59	NM	NA	3379.16
MW042A	3/19/2008	3424.75	45.71	NM	NA	3379.04
MW042A	3/11/2009	3424.75	46.15	NM	NA	3378.60
MW042A	3/1/2010	3424.75	46.19	NM	NA	3378.56
MW042A	8/2/2010	3424.75	46.38	NM	NA	3378.37
MW042A	5/6/2011	3424.75	46.00	NM	NA	3378.75
MW042A	11/4/2011	3424.75	46.57	NM	NA	3378.18
MW042A	5/3/2012	3424.75	46.58	NM	NA	3378.17
MW042A	10/24/2012	3424.75	46.91	NM	NA	3377.84
MW042A	5/2/2013	3424.75	46.98	NM	NA	3377.77
MW042A	10/29/2013	3424.75	47.10	NM	NA	3377.65
MW042A	5/5/2014	3424.75	47.16	NM	NA	3377.59
MW042A	11/3/2014	3424.75	46.31	NM	NA	3378.44
MW042A	5/6/2015	3424.75	46.35	NM	NA	3378.40
MW042A	11/3/2015	3424.75	45.80	NM	NA	3378.95
MW042A	5/3/2017	3424.75	45.62	NM	NA	3379.13
MW043	5/7/2002	3423.57	47.61	NM	NA	3375.96
MW043	9/3/2002	3423.57	47.53	NM	NA	3376.04
MW043	12/2/2002	3423.57	47.42	NM	NA	3376.15
MW043	1/30/2003	3423.57	47.38	NM	NA	3376.19
MW043	3/28/2003	3423.57	47.44	NM	NA	3376.13
MW043	5/19/2003	3423.57	47.50	NM	NA	3376.07
MW043	9/8/2003	3423.57	47.64	NM	NA	3375.93
MW043	12/2/2003	3423.57	47.55	NM	NA	3376.02
MW043	3/30/2004	3423.57	47.84	NM	NA	3375.73
MW043	6/7/2004	3423.57	47.82	NM	NA	3375.75
MW043	9/14/2004	3423.57	47.44	NM	NA	3376.13
MW043	11/29/2004	3423.57	46.55	NM	NA	3377.02
MW043	3/31/2005	3423.57	46.49	NM	NA	3377.08
MW043	5/23/2005	3423.57	46.51	NM	NA	3377.06
MW043	1/17/2006	3423.57	44.92	NM	NA	3378.65
MW043	6/14/2006	3423.57	45.45	NM	NA	3378.12
MW043	4/9/2007	3423.57	45.35	NM	NA	3378.22
MW043	3/18/2008	3423.57	45.36	NM	NA	3378.21
MW043	3/10/2009	3423.57	45.85	NM	NA	3377.72
MW043	3/1/2010	3423.57	45.94	NM	NA	3377.63
MW043	7/30/2010	3423.57	46.01	NM	NA	3377.56
MW043	5/4/2011	3423.57	45.58	NM	NA	3377.99
MW043	11/1/2011	3423.57	46.20	NM	NA	3377.37
MW043	5/2/2012	3423.57	46.24	NM	NA	3377.33
MW043	10/24/2012	3423.57	46.58	NM	NA	3376.99
MW043	4/29/2013	3423.57	46.73	NM	NA	3376.84
MW043	10/29/2013	3423.57	47.06	NM	NA	3376.51
MW043	5/5/2014	3423.57	47.01	NM	NA	3376.56
MW043	11/3/2014	3423.57	46.60	NM	NA	3376.97
MW043	5/5/2015	3423.57	46.27	NM	NA	3377.30
MW043	11/2/2015	3423.57	46.33	NM	NA	3377.24
MW043	5/11/2016	3423.57	46.05	NM	NA	3377.52
MW043	9/15/2016	3423.57	46.07	NM	NA	3377.50
MW043	5/1/2017	3423.57	45.32	NM	NA	3378.25
MW043	9/14/2017	3423.57	45.42	NM	NA	3378.15
MW043	3/20/2018	3423.57	45.27	NM	NA	3378.30
MW043	9/11/2018	3423.57	45.47	NM	NA	3378.10
MW043	4/9/2019	3423.57	45.06	NM	NA	3378.51
MW043	10/7/2019	3423.57	45.34	NM	NA	3378.23
MW043	3/9/2020	3423.57	45.2	NM	NA	3378.37
MW043	9/23/2020	3423.57	45.13	NM	NA	3378.44
MW043	3/8/2021	3423.57	45.17	NM	NA	3378.40
MW043	10/11/2021	3423.57	45.35	NM	NA	3378.22

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW043	2/21/2022	3423.57	45.66	NM	NA	3377.91
MW043	10/12/2022	3423.57	45.79	NM	NA	3377.78
MW043	2/20/2023	3423.57	45.86	NM	NA	3377.71
MW043	10/2/2023	3423.57	46.11	NM	NA	3377.46
MW044	4/4/2002	3420.41	43.86	NM	NA	3376.55
MW044	9/3/2002	3420.41	43.52	NM	NA	3376.89
MW044	12/2/2002	3420.41	43.47	NM	NA	3376.94
MW044	1/30/2003	3420.41	43.68	NM	NA	3376.73
MW044	3/28/2003	3420.41	43.49	NM	NA	3376.92
MW044	5/19/2003	3420.41	43.58	NM	NA	3376.83
MW044	9/8/2003	3420.41	43.69	NM	NA	3376.72
MW044	12/2/2003	3420.41	43.65	NM	NA	3376.76
MW044	3/30/2004	3420.41	43.90	NM	NA	3376.51
MW044	6/7/2004	3420.41	43.88	NM	NA	3376.53
MW044	9/16/2004	3420.41	43.49	NM	NA	3376.92
MW044	11/29/2004	3420.41	43.06	NM	NA	3377.35
MW044	3/31/2005	3420.41	42.59	NM	NA	3377.82
MW044	5/23/2005	3420.41	42.55	NM	NA	3377.86
MW044	1/17/2006	3420.41	41.72	NM	NA	3378.69
MW044	6/19/2006	3420.41	41.59	NM	NA	3378.82
MW044	4/6/2007	3420.41	41.45	NM	NA	3378.96
MW044	3/19/2008	3420.41	41.35	NM	NA	3379.06
MW044	3/11/2009	3420.41	41.89	NM	NA	3378.52
MW044	3/1/2010	3420.41	41.54	NM	NA	3378.87
MW044	8/2/2010	3420.41	41.96	NM	NA	3378.45
MW044	5/4/2011	3420.41	41.79	NM	NA	3378.62
MW044	11/1/2011	3420.41	42.05	NM	NA	3378.36
MW044	10/24/2012	3420.41	42.56	NM	NA	3377.85
MW044	4/30/2013	3420.41	42.70	NM	NA	3377.71
MW044	10/28/2013	3420.41	43.05	NM	NA	3377.36
MW044	5/5/2014	3420.41	43.01	NM	NA	3377.40
MW044	11/3/2014	3420.41	42.55	NM	NA	3377.86
MW044	5/5/2015	3420.41	42.29	NM	NA	3378.12
MW044	11/2/2015	3420.41	42.31	NM	NA	3378.10
MW044	5/11/2016	3420.41	42.04	NM	NA	3378.37
MW044	9/15/2016	3420.41	42.01	NM	NA	3378.40
MW044	5/1/2017	3420.41	41.30	NM	NA	3379.11
MW044	3/20/2018	3420.41	41.17	NM	NA	3379.24
MW045	4/4/2002	3425.53	48.57	NM	NA	3376.96
MW045	9/3/2002	3425.53	48.15	NM	NA	3377.38
MW045	12/2/2002	3425.53	47.94	NM	NA	3377.59
MW045	1/31/2003	3425.53	48.08	NM	NA	3377.45
MW045	3/28/2003	3425.53	48.31	NM	NA	3377.22
MW045	5/19/2003	3425.53	48.11	NM	NA	3377.42
MW045	9/9/2003	3425.53	48.34	NM	NA	3377.19
MW045	12/3/2003	3425.53	48.37	NM	NA	3377.16
MW045	3/30/2004	3425.53	48.44	NM	NA	3377.09
MW045	6/7/2004	3425.53	48.61	NM	NA	3376.92
MW045	9/17/2004	3425.53	48.10	NM	NA	3377.43
MW045	11/30/2004	3425.53	47.60	NM	NA	3377.93
MW045	3/31/2005	3425.53	47.05	NM	NA	3378.48
MW045	5/23/2005	3425.53	46.98	NM	NA	3378.55
MW045	1/17/2006	3425.53	46.36	NM	NA	3379.17
MW045	6/19/2006	3425.53	45.87	NM	NA	3379.66
MW045	4/2/2007	3425.53	45.66	NM	NA	3379.87
MW045	4/17/2007	3425.53	45.73	NM	NA	3379.80
MW045	3/18/2008	3425.53	45.74	NM	NA	3379.79
MW045	3/10/2009	3425.53	46.16	NM	NA	3379.37
MW045	3/1/2010	3425.53	46.40	NM	NA	3379.13
MW045	8/2/2010	3425.53	46.36	NM	NA	3379.17
MW045	5/6/2011	3420.41	46.05	NM	NA	3374.36
MW045	11/2/2011	3425.53	45.92	NM	NA	3379.61
MW045	5/3/2012	3425.53	46.53	NM	NA	3379.00
MW045	10/24/2012	3425.53	46.85	NM	NA	3378.68
MW045	5/2/2013	3425.53	46.93	NM	NA	3378.60
MW045	10/29/2013	3425.53	47.07	NM	NA	3378.46
MW045	5/5/2014	3425.53	47.09	NM	NA	3378.44
MW045	11/4/2014	3425.53	46.84	NM	NA	3378.69
MW045	5/6/2015	3425.53	46.41	NM	NA	3379.12
MW045	9/16/2015	3425.53	46.28	NM	NA	3379.25

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW045	11/3/2015	3425.53	46.55	NM	NA	3378.98
MW045	5/12/2016	3425.53	46.26	NM	NA	3379.27
MW045	5/3/2017	3425.53	45.75	NM	NA	3379.78
MW045	9/18/2017	3425.53	45.71	NM	NA	3379.82
MW045	3/20/2018	3425.53	45.51	NM	NA	3380.02
MW045	9/11/2018	3425.53	45.7	NM	NA	3379.83
MW045	4/10/2019	3425.53	45.35	NM	NA	3380.18
MW045	10/7/2019	3425.53	45.59	NM	NA	3379.94
MW045	3/9/2020	3425.53	45.62	NM	NA	3379.91
MW045	3/12/2021	3425.53	46.57	NM	NA	3378.96
MW045	10/12/2021	3425.53	45.61	NM	NA	3379.92
MW045	2/14/2022	3425.53	46.63	NM	NA	3378.90
MW046	4/4/2002	3426.81	49.93	NM	NA	3376.88
MW046	9/3/2002	3426.81	49.37	NM	NA	3377.44
MW046	12/2/2002	3426.81	49.17	NM	NA	3377.64
MW046	1/31/2003	3426.81	49.33	NM	NA	3377.48
MW046	3/28/2003	3426.81	49.66	NM	NA	3377.15
MW046	5/19/2003	3426.81	49.35	NM	NA	3377.46
MW046	9/9/2003	3426.81	49.67	NM	NA	3377.14
MW046	12/3/2003	3426.81	49.75	NM	NA	3377.06
MW046	3/30/2004	3426.81	49.82	NM	NA	3376.99
MW046	6/7/2004	3426.81	50.05	NM	NA	3376.76
MW046	9/17/2004	3426.81	49.33	NM	NA	3377.48
MW046	11/30/2004	3426.81	48.99	NM	NA	3377.82
MW046	3/31/2005	3426.81	48.36	NM	NA	3378.45
MW046	5/23/2005	3426.81	48.18	NM	NA	3378.63
MW046	1/17/2006	3426.81	47.34	NM	NA	3379.47
MW046	6/19/2006	3426.81	46.87	NM	NA	3379.94
MW046	4/19/2007	3426.81	46.75	NM	NA	3380.06
MW046	3/18/2008	3426.81	46.84	NM	NA	3379.97
MW046	3/11/2009	3426.81	47.33	NM	NA	3379.48
MW046	3/1/2010	3426.81	47.44	NM	NA	3379.37
MW046	8/2/2010	3426.81	46.45	NM	NA	3380.36
MW046	5/6/2011	3426.81	47.20	NM	NA	3379.61
MW046	11/2/2011	3426.81	46.98	NM	NA	3379.83
MW046	5/3/2012	3426.81	47.53	NM	NA	3379.28
MW046	10/24/2012	3426.81	47.79	NM	NA	3379.02
MW046	5/2/2013	3426.81	47.98	NM	NA	3378.83
MW046	10/29/2013	3426.81	48.06	NM	NA	3378.75
MW046	5/5/2014	3426.81	48.07	NM	NA	3378.74
MW046	11/4/2014	3426.81	47.85	NM	NA	3378.96
MW046	5/6/2015	3426.81	47.57	NM	NA	3379.24
MW046	9/16/2015	3426.81	47.35	NM	NA	3379.46
MW046	11/3/2015	3426.81	47.51	NM	NA	3379.30
MW046	5/12/2016	3426.81	47.42	NM	NA	3379.39
MW046	5/3/2017	3426.81	46.88	NM	NA	3379.93
MW046A	1/7/2003	3426.45	50.09	NM	NA	3376.36
MW046A	1/31/2003	3426.45	48.81	NM	NA	3377.64
MW046A	3/28/2003	3426.45	49.06	NM	NA	3377.39
MW046A	5/19/2003	3426.45	48.88	NM	NA	3377.57
MW046A	9/9/2003	3426.45	50.48	NM	NA	3375.97
MW046A	12/3/2003	3426.45	50.54	NM	NA	3375.91
MW046A	3/30/2004	3426.45	50.33	NM	NA	3376.12
MW046A	6/7/2004	3426.45	50.20	NM	NA	3376.25
MW046A	9/17/2004	3426.45	48.83	NM	NA	3377.62
MW046A	11/30/2004	3426.45	48.66	NM	NA	3377.79
MW046A	3/31/2005	3426.45	47.92	NM	NA	3378.53
MW046A	5/23/2005	3426.45	47.75	NM	NA	3378.70
MW046A	1/17/2006	3426.45	46.55	NM	NA	3379.90
MW046A	6/19/2006	3426.45	46.12	NM	NA	3380.33
MW046A	4/17/2007	3426.45	46.35	NM	NA	3380.10
MW046A	3/19/2008	3426.45	46.39	NM	NA	3380.06
MW046A	3/11/2009	3426.45	46.78	NM	NA	3379.67
MW046A	3/1/2010	3426.45	46.95	NM	NA	3379.50
MW046A	8/2/2010	3426.45	46.96	NM	NA	3379.49
MW046A	5/6/2011	3426.45	46.70	NM	NA	3379.75
MW046A	11/4/2011	3426.45	47.05	NM	NA	3379.40
MW046A	5/3/2012	3426.45	47.10	NM	NA	3379.35
MW046A	10/24/2012	3426.45	47.32	NM	NA	3379.13
MW046A	5/2/2013	3426.45	47.50	NM	NA	3378.95

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW046A	10/29/2013	3426.45	47.61	NM	NA	3378.84
MW046A	5/5/2014	3426.45	47.65	NM	NA	3378.80
MW046A	11/4/2014	3426.45	47.40	NM	NA	3379.05
MW046A	5/6/2015	3426.45	47.00	NM	NA	3379.45
MW046A	9/16/2015	3426.45	46.89	NM	NA	3379.56
MW046A	11/3/2015	3426.45	47.09	NM	NA	3379.36
MW046A	5/12/2016	3426.45	46.92	NM	NA	3379.53
MW046A	5/3/2017	3426.45	46.48	NM	NA	3379.97
MW046A	9/18/2017	3426.45	46.33	NM	NA	3380.12
MW046A	3/20/2018	3426.45	46.2	NM	NA	3380.25
MW046A	9/11/2018	3426.45	46.8	NM	NA	3379.65
MW046A	4/10/2019	3426.45	46.00	NM	NA	3380.45
MW046A	10/7/2019	3426.45	46.25	NM	NA	3380.20
MW046A	3/9/2020	3426.45	46.27	NM	NA	3380.18
MW046A	9/24/2020	3426.45	46.21	NM	NA	3380.24
MW046A	3/12/2021	3426.45	46.14	NM	NA	3380.31
MW046A	10/12/2021	3426.45	46.20	NM	NA	3380.25
MW046A	2/14/2022	3426.45	46.23	NM	NA	3380.22
MW046A	10/12/2022	3426.45	46.48	NM	NA	3379.97
MW046A	2/21/2023	3426.45	47.60	NM	NA	3378.85
MW046A	10/2/2023	3426.45	46.67	NM	NA	3379.78
MW047	4/4/2002	3427.65	49.54	NM	NA	3378.11
MW047	9/3/2002	3427.65	49.40	NM	NA	3378.25
MW047	12/2/2002	3427.65	49.16	NM	NA	3378.49
MW047	1/31/2003	3427.65	49.22	NM	NA	3378.43
MW047	3/28/2003	3427.65	49.29	NM	NA	3378.36
MW047	5/19/2003	3427.65	49.21	NM	NA	3378.44
MW047	9/9/2003	3427.65	49.36	NM	NA	3378.29
MW047	12/3/2003	3427.65	49.38	NM	NA	3378.27
MW047	3/30/2004	3427.65	49.50	NM	NA	3378.15
MW047	6/7/2004	3427.65	49.43	NM	NA	3378.22
MW047	9/17/2004	3427.65	49.20	NM	NA	3378.45
MW047	11/30/2004	3427.65	48.66	NM	NA	3378.99
MW047	3/31/2005	3427.65	47.98	NM	NA	3379.67
MW047	5/23/2005	3427.65	47.90	NM	NA	3379.75
MW047	1/17/2006	3427.65	47.38	NM	NA	3380.27
MW047	6/19/2006	3427.65	47.12	NM	NA	3380.53
MW047	4/16/2007	3427.65	46.73	NM	NA	3380.92
MW047	3/19/2008	3427.65	46.84	NM	NA	3380.81
MW047	3/1/2010	3427.65	47.50	NM	NA	3380.15
MW047	8/3/2010	3427.65	47.58	NM	NA	3380.07
MW047	5/6/2011	3427.65	47.33	NM	NA	3380.32
MW047	11/1/2011	3427.65	47.51	NM	NA	3380.14
MW047	5/22/2012	3427.65	47.65	NM	NA	3380.00
MW047	10/23/2012	3427.65	47.90	NM	NA	3379.75
MW047	5/2/2013	3427.65	48.10	NM	NA	3379.55
MW047	10/29/2013	3427.65	48.22	NM	NA	3379.43
MW047	11/4/2013	3427.65	47.80	NM	NA	3379.85
MW047	5/5/2014	3427.65	48.26	NM	NA	3379.39
MW047	5/6/2015	3427.65	47.55	NM	NA	3380.10
MW047	9/16/2015	3427.65	47.30	NM	NA	3380.35
MW047	11/3/2015	3427.65	47.58	NM	NA	3380.07
MW047	5/12/2016	3427.65	47.38	NM	NA	3380.27
MW047	5/3/2017	3427.65	46.75	NM	NA	3380.90
MW047	9/18/2017	3427.65	46.68	NM	NA	3380.97
MW047	3/20/2018	3427.65	46.51	NM	NA	3381.14
MW047	9/10/2018	3427.65	46.7	NM	NA	3380.95
MW047	4/10/2019	3427.65	46.30	NM	NA	3381.35
MW047	10/7/2019	3427.65	46.60	NM	NA	3381.05
MW047	3/9/2020	3427.65	46.65	NM	NA	3381.00
MW047	9/23/2020	3427.65	46.43	NM	NA	3381.22
MW047	3/8/2021	3427.65	46.55	NM	NA	3381.10
MW047	10/12/2021	3427.65	45.13	NM	NA	3382.52
MW047	2/15/2022	3427.65	46.60	NM	NA	3381.05
MW047	10/12/2022	3427.65	46.94	NM	NA	3380.71
MW047	2/21/2023	3427.65	47.14	NM	NA	3380.51
MW047	10/2/2023	3427.65	47.21	NM	NA	3380.44
MW048SA	8/1/2002	3421.10	46.45	NM	NA	3374.65
MW048SA	9/3/2002	3421.10	46.40	NM	NA	3374.70
MW048SA	12/2/2002	3421.10	46.26	NM	NA	3374.84

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW048SA	1/30/2003	3421.10	46.18	NM	NA	3374.92
MW048SA	3/28/2003	3421.10	46.15	NM	NA	3374.95
MW048SA	5/19/2003	3421.10	46.19	NM	NA	3374.91
MW048SA	9/8/2003	3421.10	46.44	NM	NA	3374.66
MW048SA	12/2/2003	3421.10	46.45	NM	NA	3374.65
MW048SA	3/30/2004	3421.10	46.62	NM	NA	3374.48
MW048SA	6/7/2004	3421.10	46.48	NM	NA	3374.62
MW048SA	9/16/2004	3421.10	46.43	NM	NA	3374.67
MW048SA	11/29/2004	3421.10	46.17	NM	NA	3374.93
MW048SA	3/31/2005	3421.10	45.67	NM	NA	3375.43
MW048SA	5/23/2005	3421.10	45.52	NM	NA	3375.58
MW048SA	1/17/2006	3421.10	45.11	NM	NA	3375.99
MW048SA	6/16/2006	3421.10	44.96	NM	NA	3376.14
MW048SA	4/10/2007	3421.10	44.62	NM	NA	3376.48
MW048SA	9/19/2007	3421.10	44.49	NM	NA	3376.61
MW048SA	3/19/2008	3421.10	44.60	NM	NA	3376.50
MW048SA	8/4/2008	3421.10	44.94	NM	NA	3376.16
MW048SA	3/11/2009	3421.10	45.02	NM	NA	3376.08
MW048SA	7/29/2009	3421.10	45.26	NM	NA	3375.84
MW048SA	3/1/2010	3421.10	45.23	NM	NA	3375.87
MW048SA	8/3/2010	3421.10	43.65	NM	NA	3377.45
MW048SA	5/4/2011	3421.10	45.30	NM	NA	3375.80
MW048SA	11/3/2011	3421.10	45.55	NM	NA	3375.55
MW048SA	5/2/2012	3421.10	45.63	NM	NA	3375.47
MW048SA	10/23/2012	3421.10	45.87	NM	NA	3375.23
MW048SA	4/30/2013	3421.10	45.99	NM	NA	3375.11
MW048SA	10/28/2013	3421.10	46.26	NM	NA	3374.84
MW048SA	5/5/2014	3421.10	46.17	NM	NA	3374.93
MW048SA	11/3/2014	3421.10	45.94	NM	NA	3375.16
MW048SA	5/5/2015	3421.10	45.48	NM	NA	3375.62
MW048SA	9/3/2015	3421.10	45.51	NM	NA	3375.59
MW048SA	11/3/2015	3421.10	45.60	NM	NA	3375.50
MW048SA	5/10/2016	3421.10	45.28	NM	NA	3375.82
MW048SA	9/22/2016	3421.10	45.31	NM	NA	3375.79
MW048SA	5/1/2017	3421.10	44.56	NM	NA	3376.54
MW048SA	9/14/2017	3421.10	44.47	NM	NA	3376.63
MW048SA	3/20/2018	3421.10	44.2	NM	NA	3376.90
MW048SA	9/12/2018	3421.10	44.4	NM	NA	3376.70
MW048SA	4/9/2019	3421.10	44.09	NM	NA	3377.01
MW048SA	10/7/2019	3421.10	44.43	NM	NA	3376.67
MW048SA	3/9/2020	3421.10	44.42	NM	NA	3376.68
MW048SA	3/9/2021	3421.10	44.47	NM	NA	3376.63
MW048SA	10/11/2021	3421.10	44.63	NM	NA	3376.47
MW048SA	2/17/2022	3421.10	44.61	NM	NA	3376.49
MW048SA	2/20/2023	3421.10	45.25	NM	NA	3375.85
MW049SA	7/30/2002	3422.46	49.31	NM	NA	3373.15
MW049SA	9/3/2002	3422.46	49.29	NM	NA	3373.17
MW049SA	12/2/2002	3422.46	49.18	NM	NA	3373.28
MW049SA	1/30/2003	3422.46	49.13	NM	NA	3373.33
MW049SA	3/28/2003	3422.46	49.09	NM	NA	3373.37
MW049SA	5/19/2003	3422.46	49.08	NM	NA	3373.38
MW049SA	9/8/2003	3422.46	49.32	NM	NA	3373.14
MW049SA	12/2/2003	3422.46	49.32	NM	NA	3373.14
MW049SA	3/30/2004	3422.46	49.42	NM	NA	3373.04
MW049SA	6/7/2004	3422.46	48.57	NM	NA	3373.89
MW049SA	9/16/2004	3422.46	49.36	NM	NA	3373.10
MW049SA	11/29/2004	3422.46	49.16	NM	NA	3373.30
MW049SA	3/31/2005	3422.46	48.65	NM	NA	3373.81
MW049SA	5/23/2005	3422.46	48.59	NM	NA	3373.87
MW049SA	1/17/2006	3422.46	48.19	NM	NA	3374.27
MW049SA	6/16/2006	3422.46	47.97	NM	NA	3374.49
MW049SA	4/10/2007	3422.46	47.62	NM	NA	3374.84
MW049SA	3/19/2008	3422.46	47.53	NM	NA	3374.93
MW049SA	3/11/2009	3422.46	47.95	NM	NA	3374.51
MW049SA	3/1/2010	3422.46	48.12	NM	NA	3374.34
MW049SA	8/3/2010	3422.46	48.21	NM	NA	3374.25
MW049SA	5/4/2011	3422.46	48.16	NM	NA	3374.30
MW049SA	11/3/2011	3422.46	48.48	NM	NA	3373.98
MW049SA	5/2/2012	3422.46	48.48	NM	NA	3373.98
MW049SA	10/23/2012	3422.46	48.78	NM	NA	3373.68

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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW049SA	4/30/2013	3422.46	48.90	NM	NA	3373.56
MW049SA	10/28/2013	3422.46	49.10	NM	NA	3373.36
MW049SA	5/5/2014	3422.46	49.00	NM	NA	3373.46
MW049SA	11/3/2014	3422.46	48.96	NM	NA	3373.50
MW049SA	5/5/2015	3422.46	48.35	NM	NA	3374.11
MW049SA	9/3/2015	3422.46	48.50	NM	NA	3373.96
MW049SA	11/3/2015	3422.46	48.41	NM	NA	3374.05
MW049SA	5/10/2016	3422.46	48.11	NM	NA	3374.35
MW049SA	9/15/2016	3422.46	48.30	NM	NA	3374.16
MW049SA	5/1/2017	3422.46	47.62	NM	NA	3374.84
MW049SA	9/14/2017	3422.46	47.57	NM	NA	3374.89
MW049SA	3/20/2018	3422.46	47.35	NM	NA	3375.11
MW049SA	9/12/2018	3422.46	44.78	NM	NA	3377.68
MW049SA	4/9/2019	3422.46	47.15	NM	NA	3375.31
MW049SA	10/7/2019	3422.46	42.44	NM	NA	3380.02
MW049SA	3/9/2020	3422.46	47.4	NM	NA	3375.06
MW049SA	9/23/2020	3422.46	47.53	NM	NA	3374.93
MW049SA	3/9/2021	3422.46	47.49	NM	NA	3374.97
MW049SA	10/11/2021	3422.46	47.68	NM	NA	3374.78
MW049SA	2/17/2022	3422.46	47.86	NM	NA	3374.60
MW049SA	10/12/2022	3422.46	49.16	NM	NA	3373.30
MW049SA	2/20/2023	3422.46	48.12	NM	NA	3374.34
MW049SA	10/2/2023	3422.46	48.43	NM	NA	3374.03
MW050SA	7/30/2002	3419.31	46.30	NM	NA	3373.01
MW050SA	9/3/2002	3419.31	46.19	NM	NA	3373.12
MW050SA	12/2/2002	3419.31	45.93	NM	NA	3373.38
MW050SA	1/30/2003	3419.31	45.92	NM	NA	3373.39
MW050SA	3/28/2003	3419.31	45.92	NM	NA	3373.39
MW050SA	5/19/2003	3419.31	46.01	NM	NA	3373.30
MW050SA	9/8/2003	3419.31	46.13	NM	NA	3373.18
MW050SA	12/2/2003	3419.31	46.05	NM	NA	3373.26
MW050SA	3/30/2004	3419.31	46.15	NM	NA	3373.16
MW050SA	6/7/2004	3419.31	46.18	NM	NA	3373.13
MW050SA	9/14/2004	3419.31	46.18	NM	NA	3373.13
MW050SA	11/29/2004	3419.31	45.80	NM	NA	3373.51
MW050SA	3/31/2005	3419.31	45.34	NM	NA	3373.97
MW050SA	5/23/2005	3419.31	45.26	NM	NA	3374.05
MW050SA	1/17/2006	3419.31	44.95	NM	NA	3374.36
MW050SA	6/14/2006	3419.31	44.71	NM	NA	3374.60
MW050SA	4/9/2007	3419.31	44.28	NM	NA	3375.03
MW050SA	3/19/2008	3419.31	44.25	NM	NA	3375.06
MW050SA	3/11/2009	3419.31	44.78	NM	NA	3374.53
MW050SA	3/1/2010	3419.31	44.82	NM	NA	3374.49
MW050SA	7/30/2010	3419.31	45.02	NM	NA	3374.29
MW050SA	5/4/2011	3419.31	44.84	NM	NA	3374.47
MW050SA	11/4/2011	3419.31	45.24	NM	NA	3374.07
MW050SA	5/2/2012	3419.31	45.48	NM	NA	3373.83
MW050SA	10/24/2012	3419.31	45.70	NM	NA	3373.61
MW050SA	4/29/2013	3419.31	45.84	NM	NA	3373.47
MW050SA	10/28/2013	3419.31	45.95	NM	NA	3373.36
MW050SA	5/5/2014	3419.31	46.10	NM	NA	3373.21
MW050SA	11/3/2014	3419.31	45.70	NM	NA	3373.61
MW050SA	5/5/2015	3419.31	45.23	NM	NA	3374.08
MW050SA	9/3/2015	3419.31	45.37	NM	NA	3373.94
MW050SA	11/3/2015	3419.31	45.30	NM	NA	3374.01
MW050SA	5/11/2016	3419.31	44.29	NM	NA	3375.02
MW050SA	9/15/2016	3419.31	45.12	NM	NA	3374.19
MW050SA	5/1/2017	3419.31	44.64	NM	NA	3374.67
MW050SA	9/14/2017	3419.31	44.5	NM	NA	3374.81
MW050SA	3/20/2018	3419.31	44.33	NM	NA	3374.98
MW050SA	9/12/2018	3419.31	44.6	NM	NA	3374.71
MW050SA	4/9/2019	3419.31	44.00	NM	NA	3375.31
MW050SA	10/7/2019	3419.31	44.22	NM	NA	3375.09
MW050SA	3/9/2020	3419.31	44.06	NM	NA	3375.25
MW050SA	9/24/2020	3419.31	44.34	NM	NA	3374.97
MW050SA	3/8/2021	3419.31	44.20	NM	NA	3375.11
MW050SA	10/11/2021	3419.31	44.41	NM	NA	3374.90
MW050SA	2/16/2022	3419.31	44.54	NM	NA	3374.77
MW050SA	10/12/2022	3419.31	44.84	NM	NA	3374.47
MW050SA	2/20/2023	3419.31	44.86	NM	NA	3374.45

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW050SA	10/2/2023	3419.31	45.12	NM	NA	3374.19
MW051SA	10/10/2002	3415.42	44.50	NM	NA	3370.92
MW051SA	12/2/2002	3415.42	44.43	NM	NA	3370.99
MW051SA	1/30/2003	3415.42	44.38	NM	NA	3371.04
MW051SA	3/28/2003	3415.42	44.39	NM	NA	3371.03
MW051SA	5/19/2003	3415.42	44.40	NM	NA	3371.02
MW051SA	9/8/2003	3415.42	44.55	NM	NA	3370.87
MW051SA	12/2/2003	3415.42	44.53	NM	NA	3370.89
MW051SA	3/30/2004	3415.42	44.59	NM	NA	3370.83
MW051SA	6/7/2004	3415.42	44.53	NM	NA	3370.89
MW051SA	9/14/2004	3415.42	44.58	NM	NA	3370.84
MW051SA	3/31/2005	3415.42	44.04	NM	NA	3371.38
MW051SA	5/23/2005	3415.42	43.95	NM	NA	3371.47
MW051SA	1/17/2006	3415.42	43.70	NM	NA	3371.72
MW051SA	6/15/2006	3415.42	43.47	NM	NA	3371.95
MW051SA	4/17/2007	3415.42	43.09	NM	NA	3372.33
MW051SA	3/19/2008	3415.42	43.04	NM	NA	3372.38
MW051SA	3/11/2009	3415.42	43.48	NM	NA	3371.94
MW051SA	3/1/2010	3415.42	43.53	NM	NA	3371.89
MW051SA	8/3/2010	3415.42	43.65	NM	NA	3371.77
MW051SA	11/3/2011	3415.42	43.72	NM	NA	3371.70
MW051SA	5/2/2012	3415.42	46.19	NM	NA	3369.23
MW051SA	10/23/2012	3415.42	44.22	NM	NA	3371.20
MW051SA	4/30/2013	3415.42	44.31	NM	NA	3371.11
MW051SA	10/28/2013	3415.42	44.45	NM	NA	3370.97
MW051SA	5/5/2014	3415.42	44.46	NM	NA	3370.96
MW051SA	11/3/2014	3415.42	44.24	NM	NA	3371.18
MW051SA	5/5/2015	3415.42	43.81	NM	NA	3371.61
MW051SA	9/3/2015	3415.42	43.88	NM	NA	3371.54
MW051SA	11/3/2015	3415.42	43.90	NM	NA	3371.52
MW051SA	5/11/2016	3415.42	43.57	NM	NA	3371.85
MW051SA	9/15/2016	3415.42	43.66	NM	NA	3371.76
MW051SA	5/1/2017	3415.42	43.12	NM	NA	3372.30
MW051SA	9/14/2017	3415.42	43.16	NM	NA	3372.26
MW051SA	3/20/2018	3415.42	42.98	NM	NA	3372.44
MW051SA	9/12/2018	3415.42	43.27	NM	NA	3372.15
MW051SA	4/9/2019	3415.42	42.58	NM	NA	3372.84
MW051SA	10/7/2019	3415.42	43	NM	NA	3372.42
MW051SA	3/9/2020	3415.42	42.82	NM	NA	3372.60
MW051SA	3/8/2021	3415.42	42.97	NM	NA	3372.45
MW051SA	10/11/2021	3415.42	43.16	NM	NA	3372.26
MW051SA	2/17/2022	3415.42	43.38	NM	NA	3372.04
MW051SA	2/20/2023	3415.42	43.53	NM	NA	3371.89
MW052SA	10/10/2002	3415.23	45.45	NM	NA	3369.78
MW052SA	12/2/2002	3415.23	45.39	NM	NA	3369.84
MW052SA	1/30/2003	3415.23	45.35	NM	NA	3369.88
MW052SA	3/28/2003	3415.23	45.36	NM	NA	3369.87
MW052SA	5/19/2003	3415.23	45.28	NM	NA	3369.95
MW052SA	9/8/2003	3415.23	45.51	NM	NA	3369.72
MW052SA	12/2/2003	3415.23	45.52	NM	NA	3369.71
MW052SA	3/30/2004	3415.23	45.58	NM	NA	3369.65
MW052SA	6/7/2004	3415.23	45.85	NM	NA	3369.38
MW052SA	9/14/2004	3415.23	45.58	NM	NA	3369.65
MW052SA	11/29/2004	3415.23	45.43	NM	NA	3369.80
MW052SA	3/31/2005	3415.23	45.05	NM	NA	3370.18
MW052SA	5/23/2005	3415.23	45.02	NM	NA	3370.21
MW052SA	1/17/2006	3415.23	44.72	NM	NA	3370.51
MW052SA	6/16/2006	3415.23	44.59	NM	NA	3370.64
MW052SA	4/10/2007	3415.23	44.34	NM	NA	3370.89
MW052SA	3/19/2008	3415.23	44.24	NM	NA	3370.99
MW052SA	3/11/2009	3415.23	44.54	NM	NA	3370.69
MW052SA	3/1/2010	3415.23	44.72	NM	NA	3370.51
MW052SA	8/3/2010	3415.23	44.78	NM	NA	3370.45
MW052SA	5/3/2011	3415.23	44.76	NM	NA	3370.47
MW052SA	11/3/2011	3415.23	45.03	NM	NA	3370.20
MW052SA	5/2/2012	3415.23	44.95	NM	NA	3370.28
MW052SA	10/23/2012	3415.23	45.21	NM	NA	3370.02
MW052SA	4/29/2013	3415.23	45.22	NM	NA	3370.01
MW052SA	10/28/2013	3415.23	45.54	NM	NA	3369.69
MW052SA	5/5/2014	3415.23	45.30	NM	NA	3369.93

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW052SA	11/3/2014	3415.23	45.36	NM	NA	3369.87
MW052SA	5/5/2015	3415.23	44.88	NM	NA	3370.35
MW052SA	9/3/2015	3415.23	44.99	NM	NA	3370.24
MW052SA	11/3/2015	3415.23	44.93	NM	NA	3370.30
MW052SA	5/10/2016	3415.23	44.65	NM	NA	3370.58
MW052SA	9/15/2016	3415.23	42.80	NM	NA	3372.43
MW052SA	5/1/2017	3415.23	44.23	NM	NA	3371.00
MW052SA	9/14/2017	3415.23	44.25	NM	NA	3370.98
MW052SA	3/20/2018	3415.23	44.06	NM	NA	3371.17
MW052SA	9/12/2018	3415.23	44.33	NM	NA	3370.90
MW052SA	4/9/2019	3415.23	43.91	NM	NA	3371.32
MW052SA	10/7/2019	3415.23	44.21	NM	NA	3371.02
MW052SA	3/9/2020	3415.23	44.12	NM	NA	3371.11
MW052SA	3/10/2021	3415.23	44.3	NM	NA	3370.93
MW052SA	10/11/2021	3415.23	44.51	NM	NA	3370.72
MW052SA	2/17/2022	3415.23	45.62	NM	NA	3369.61
MW052SA	2/20/2023	3415.23	44.72	NM	NA	3370.51
MW053SA	9/18/2002	3413.86	42.93	NM	NA	3370.93
MW053SA	12/2/2002	3413.86	42.80	NM	NA	3371.06
MW053SA	1/30/2003	3413.86	42.68	NM	NA	3371.18
MW053SA	3/28/2003	3413.86	42.68	NM	NA	3371.18
MW053SA	5/19/2003	3413.86	42.65	NM	NA	3371.21
MW053SA	9/8/2003	3413.86	43.09	NM	NA	3370.77
MW053SA	12/2/2003	3413.86	43.12	NM	NA	3370.74
MW053SA	3/30/2004	3413.86	43.15	NM	NA	3370.71
MW053SA	6/7/2004	3413.86	43.04	NM	NA	3370.82
MW053SA	9/16/2004	3413.86	43.09	NM	NA	3370.77
MW053SA	11/29/2004	3413.86	42.74	NM	NA	3371.12
MW053SA	3/31/2005	3413.86	42.13	NM	NA	3371.73
MW053SA	5/23/2005	3413.86	41.97	NM	NA	3371.89
MW053SA	1/17/2006	3413.86	41.61	NM	NA	3372.25
MW053SA	6/16/2006	3413.86	41.67	NM	NA	3372.19
MW053SA	4/5/2007	3413.86	41.32	NM	NA	3372.54
MW053SA	9/19/2007	3413.86	41.20	NM	NA	3372.66
MW053SA	3/18/2008	3413.86	41.30	NM	NA	3372.56
MW053SA	8/4/2008	3413.86	41.76	NM	NA	3372.10
MW053SA	3/10/2009	3413.86	41.60	NM	NA	3372.26
MW053SA	7/28/2009	3413.86	41.97	NM	NA	3371.89
MW053SA	3/1/2010	3413.86	41.92	NM	NA	3371.94
MW053SA	7/30/2010	3413.86	41.98	NM	NA	3371.88
MW053SA	5/3/2011	3413.86	42.05	NM	NA	3371.81
MW053SA	11/3/2011	3413.86	42.39	NM	NA	3371.47
MW053SA	5/2/2012	3413.86	42.39	NM	NA	3371.47
MW053SA	10/23/2012	3413.86	42.65	NM	NA	3371.21
MW053SA	4/30/2013	3413.86	42.60	NM	NA	3371.26
MW053SA	10/29/2013	3413.86	43.00	NM	NA	3370.86
MW053SA	5/5/2014	3413.86	42.68	NM	NA	3371.18
MW053SA	11/3/2014	3413.86	42.67	NM	NA	3371.19
MW053SA	5/5/2015	3413.86	42.03	NM	NA	3371.83
MW053SA	9/3/2015	3413.86	42.26	NM	NA	3371.60
MW053SA	11/3/2015	3413.86	42.20	NM	NA	3371.66
MW053SA	4/10/2019	3413.86	40.68	NM	NA	3373.18
MW053SA	3/16/2021	3413.86	NM	NM	NA	NM
MW053SA	10/11/2021	3413.86	41.68	NM	NA	NM
MW053SA	2/21/2022	3413.86	41.68	NM	NA	3372.18
MW053SA	10/12/2022	3413.86	41.21	NM	NA	NM
MW053SA	2/20/2023	3413.86	41.96	NM	NA	3371.90
MW053SA	10/2/2023	3413.86	42.42	NM	NA	3371.44
MW054SA	1/30/2003	3411.38	45.21	NM	NA	3366.17
MW054SA	3/28/2003	3411.38	45.09	NM	NA	3366.29
MW054SA	5/19/2003	3411.38	45.09	NM	NA	3366.29
MW054SA	9/8/2003	3411.38	45.43	NM	NA	3365.95
MW054SA	12/2/2003	3411.38	45.41	NM	NA	3365.97
MW054SA	3/30/2004	3411.38	45.46	NM	NA	3365.92
MW054SA	6/7/2004	3411.38	45.37	NM	NA	3366.01
MW054SA	9/14/2004	3411.38	42.48	NM	NA	3368.90
MW054SA	11/29/2004	3411.38	45.26	NM	NA	3366.12
MW054SA	3/31/2005	3411.38	44.90	NM	NA	3366.48
MW054SA	5/23/2005	3411.38	44.81	NM	NA	3366.57
MW054SA	1/17/2006	3411.38	44.68	NM	NA	3366.70

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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW054SA	6/16/2006	3411.38	44.73	NM	NA	3366.65
MW054SA	4/10/2007	3411.38	44.57	NM	NA	3366.81
MW054SA	9/19/2007	3411.38	44.63	NM	NA	3366.75
MW054SA	3/19/2008	3411.38	44.59	NM	NA	3366.79
MW054SA	8/4/2008	3411.38	44.84	NM	NA	3366.54
MW054SA	3/11/2009	3411.38	44.74	NM	NA	3366.64
MW054SA	7/29/2009	3411.38	44.93	NM	NA	3366.45
MW054SA	3/1/2010	3411.38	44.87	NM	NA	3366.51
MW054SA	8/3/2010	3411.38	44.89	NM	NA	3366.49
MW054SA	5/3/2011	3411.38	44.92	NM	NA	3366.46
MW054SA	11/3/2011	3411.38	45.10	NM	NA	3366.28
MW054SA	5/2/2012	3411.38	45.01	NM	NA	3366.37
MW054SA	10/23/2012	3411.38	45.14	NM	NA	3366.24
MW054SA	4/29/2013	3411.38	45.10	NM	NA	3366.28
MW054SA	10/28/2013	3411.38	45.32	NM	NA	3366.06
MW054SA	5/5/2014	3411.38	45.11	NM	NA	3366.27
MW054SA	11/3/2014	3411.38	45.23	NM	NA	3366.15
MW054SA	5/5/2015	3411.38	44.87	NM	NA	3366.51
MW054SA	11/3/2015	3411.38	44.95	NM	NA	3366.43
MW054SA	5/10/2016	3411.38	44.71	NM	NA	3366.67
MW054SA	9/22/2016	3411.38	44.87	NM	NA	3366.51
MW054SA	5/1/2017	3411.38	44.49	NM	NA	3366.89
MW054SA	9/14/2017	3411.38	44.59	NM	NA	3366.79
MW054SA	3/20/2018	3411.38	44.38	NM	NA	3367.00
MW054SA	9/12/2018	3411.38	44.65	NM	NA	3366.73
MW054SA	4/9/2019	3411.38	44.03	NM	NA	3367.35
MW054SA	10/7/2019	3411.38	44.55	NM	NA	3366.83
MW054SA	3/9/2020	3411.38	44.26	NM	NA	3367.12
MW054SA	9/23/2020	3411.38	44.64	NM	NA	3366.74
MW054SA	3/8/2021	3411.38	44.69	NM	NA	3366.69
MW054SA	10/11/2021	3411.38	44.83	NM	NA	3366.55
MW054SA	2/17/2022	3411.38	45.86	NM	NA	3365.52
MW054SA	10/12/2022	3411.38	45.08	NM	NA	3366.30
MW054SA	2/20/2023	3411.38	44.82	NM	NA	3366.56
MW054SA	10/2/2023	3411.38	45.15	NM	NA	3366.23
MW055SA	1/6/2003	3407.43	41.20	NM	NA	3366.23
MW055SA	1/30/2003	3407.43	41.00	NM	NA	3366.43
MW055SA	3/27/2003	3407.43	41.15	NM	NA	3366.28
MW055SA	5/19/2003	3407.43	41.00	NM	NA	3366.43
MW055SA	9/8/2003	3407.43	41.13	NM	NA	3366.30
MW055SA	12/2/2003	3407.43	41.09	NM	NA	3366.34
MW055SA	3/30/2004	3407.43	41.12	NM	NA	3366.31
MW055SA	6/7/2004	3407.43	41.02	NM	NA	3366.41
MW055SA	9/14/2004	3407.43	41.18	NM	NA	3366.25
MW055SA	11/29/2004	3407.43	41.08	NM	NA	3366.35
MW055SA	3/31/2005	3407.43	40.90	NM	NA	3366.53
MW055SA	5/23/2005	3407.43	40.82	NM	NA	3366.61
MW055SA	1/17/2006	3407.43	40.76	NM	NA	3366.67
MW055SA	6/15/2006	3407.43	40.68	NM	NA	3366.75
MW055SA	4/10/2007	3407.43	40.63	NM	NA	3366.80
MW055SA	9/19/2007	3407.43	40.56	NM	NA	3366.87
MW055SA	3/19/2008	3407.43	40.68	NM	NA	3366.75
MW055SA	8/4/2008	3407.43	40.75	NM	NA	3366.68
MW055SA	3/11/2009	3407.43	40.79	NM	NA	3366.64
MW055SA	7/29/2009	3407.43	40.85	NM	NA	3366.58
MW055SA	3/1/2010	3407.43	40.87	NM	NA	3366.56
MW055SA	7/30/2010	3407.43	40.76	NM	NA	3366.67
MW055SA	5/3/2011	3407.43	40.84	NM	NA	3366.59
MW055SA	11/3/2011	3407.43	40.90	NM	NA	3366.53
MW055SA	5/2/2012	3407.43	40.85	NM	NA	3366.58
MW055SA	10/23/2012	3407.43	40.93	NM	NA	3366.50
MW055SA	4/29/2013	3407.43	40.93	NM	NA	3366.50
MW055SA	10/28/2013	3407.43	41.08	NM	NA	3366.35
MW055SA	5/5/2014	3407.43	40.97	NM	NA	3366.46
MW055SA	11/3/2014	3407.43	40.93	NM	NA	3366.50
MW055SA	5/5/2015	3407.43	40.81	NM	NA	3366.62
MW055SA	11/2/2015	3407.43	40.84	NM	NA	3366.59
MW055SA	5/11/2016	3407.43	40.69	NM	NA	3366.74
MW055SA	9/15/2016	3407.43	40.75	NM	NA	3366.68
MW055SA	5/1/2017	3407.43	40.55	NM	NA	3366.88

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW055SA	9/14/2017	3407.43	40.54	NM	NA	3366.89
MW055SA	3/20/2018	3407.43	40.59	NM	NA	3366.84
MW055SA	9/12/2018	3407.43	40.75	NM	NA	3366.68
MW055SA	4/9/2019	3407.43	40.51	NM	NA	3366.92
MW055SA	10/7/2019	3407.43	40.76	NM	NA	3366.67
MW055SA	3/9/2020	3407.43	40.57	NM	NA	3366.86
MW055SA	3/9/2021	3407.43	40.7	NM	NA	3366.73
MW055SA	10/11/2021	3407.43	47.27	NM	NA	3360.16
MW055SA	2/16/2022	3407.43	41.05	NM	NA	3366.38
MW055SA	2/20/2023	3407.43	40.86	NM	NA	3366.57
MW056SA	1/7/2003	3410.71	46.32	NM	NA	3364.39
MW056SA	1/30/2003	3410.71	46.21	NM	NA	3364.50
MW056SA	3/28/2003	3410.71	46.20	NM	NA	3364.51
MW056SA	5/19/2003	3410.71	46.18	NM	NA	3364.53
MW056SA	9/8/2003	3410.71	46.31	NM	NA	3364.40
MW056SA	12/2/2003	3410.71	46.33	NM	NA	3364.38
MW056SA	3/30/2004	3410.71	46.40	NM	NA	3364.31
MW056SA	6/7/2004	3410.71	46.31	NM	NA	3364.40
MW056SA	9/14/2004	3410.71	46.38	NM	NA	3364.33
MW056SA	11/29/2004	3410.71	46.31	NM	NA	3364.40
MW056SA	3/31/2005	3410.71	46.01	NM	NA	3364.70
MW056SA	5/23/2005	3410.71	45.93	NM	NA	3364.78
MW056SA	1/17/2006	3410.71	45.62	NM	NA	3365.09
MW056SA	6/15/2006	3410.71	45.42	NM	NA	3365.29
MW056SA	4/11/2007	3410.71	44.91	NM	NA	3365.80
MW056SA	9/20/2007	3410.71	44.67	NM	NA	3366.04
MW056SA	3/19/2008	3410.71	44.69	NM	NA	3366.02
MW056SA	8/4/2008	3410.71	44.79	NM	NA	3365.92
MW056SA	3/11/2009	3410.71	44.92	NM	NA	3365.79
MW056SA	7/29/2009	3410.71	44.93	NM	NA	3365.78
MW056SA	3/1/2010	3410.71	44.94	NM	NA	3365.77
MW056SA	7/30/2010	3410.71	44.88	NM	NA	3365.83
MW056SA	11/4/2011	3410.71	45.14	NM	NA	3365.57
MW056SA	5/2/2012	3410.71	45.16	NM	NA	3365.55
MW056SA	10/23/2012	3410.71	43.30	NM	NA	3367.41
MW056SA	4/29/2013	3410.71	43.36	NM	NA	3367.35
MW056SA	10/29/2013	3410.71	43.65	NM	NA	3367.06
MW056SA	5/5/2014	3410.71	43.44	NM	NA	3367.27
MW056SA	11/3/2014	3410.71	43.28	NM	NA	3367.43
MW056SA	5/5/2015	3410.71	43.02	NM	NA	3367.69
MW056SA	11/2/2015	3410.71	43.00	NM	NA	3367.71
MW056SA	5/11/2016	3410.71	42.73	NM	NA	3367.98
MW056SA	9/15/2016	3410.71	42.71	NM	NA	3368.00
MW056SA	5/1/2017	3410.71	42.17	NM	NA	3368.54
MW056SA	9/20/2017	3410.71	42.31	NM	NA	3368.40
MW056SA	3/20/2018	3410.71	42.08	NM	NA	3368.63
MW056SA	9/12/2018	3410.71	42.31	NM	NA	3368.40
MW056SA	4/9/2019	3410.71	40.95	NM	NA	3369.76
MW056SA	10/7/2019	3410.71	42.07	NM	NA	3368.64
MW056SA	3/9/2020	3410.71	41.95	NM	NA	3368.76
MW056SA	9/23/2020	3410.71	42.02	NM	NA	3368.69
MW056SA	3/22/2021	3410.71	42.11	NM	NA	3368.60
MW056SA	10/11/2021	3410.71	42.31	NM	NA	3368.40
MW056SA	2/16/2022	3410.71	42.53	NM	NA	3368.18
MW056SA	10/11/2022	3410.71	42.65	NM	NA	3368.06
MW056SA	2/20/2023	3410.71	42.67	NM	NA	3368.04
MW056SA	10/2/2023	3410.71	42.84	NM	NA	3367.87
MW057SA	1/30/2003	3417.74	46.33	NM	NA	3371.41
MW057SA	3/28/2003	3417.74	46.45	NM	NA	3371.29
MW057SA	5/19/2003	3417.74	46.59	NM	NA	3371.15
MW057SA	9/8/2003	3417.74	46.72	NM	NA	3371.02
MW057SA	12/2/2003	3417.74	46.65	NM	NA	3371.09
MW057SA	3/30/2004	3417.74	46.70	NM	NA	3371.04
MW057SA	6/7/2004	3417.74	46.75	NM	NA	3370.99
MW057SA	9/14/2004	3417.74	46.58	NM	NA	3371.16
MW057SA	11/30/2004	3417.74	46.00	NM	NA	3371.74
MW057SA	3/31/2005	3417.74	45.77	NM	NA	3371.97
MW057SA	5/23/2005	3417.74	45.73	NM	NA	3372.01
MW057SA	1/17/2006	3417.74	45.53	NM	NA	3372.21
MW057SA	6/14/2006	3417.74	45.50	NM	NA	3372.24

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW057SA	3/29/2007	3417.74	44.91	NM	NA	3372.83
MW057SA	9/11/2007	3417.74	44.96	NM	NA	3372.78
MW057SA	3/18/2008	3417.74	45.05	NM	NA	3372.69
MW057SA	8/4/2008	3417.74	45.34	NM	NA	3372.40
MW057SA	3/10/2009	3417.74	45.58	NM	NA	3372.16
MW057SA	7/28/2009	3417.74	45.58	NM	NA	3372.16
MW057SA	3/1/2010	3417.74	45.47	NM	NA	3372.27
MW057SA	7/30/2010	3417.74	45.76	NM	NA	3371.98
MW057SA	11/2/2011	3417.74	45.83	NM	NA	3371.91
MW057SA	5/17/2012	3417.74	46.14	NM	NA	3371.60
MW057SA	10/23/2012	3417.74	46.51	NM	NA	3371.23
MW057SA	4/29/2013	3417.74	46.50	NM	NA	3371.24
MW057SA	10/28/2013	3417.74	46.60	NM	NA	3371.14
MW057SA	5/5/2014	3417.74	46.71	NM	NA	3371.03
MW057SA	11/3/2014	3417.74	46.19	NM	NA	3371.55
MW057SA	5/5/2015	3417.74	45.81	NM	NA	3371.93
MW057SA	11/2/2015	3417.74	45.95	NM	NA	3371.79
MW057SA	5/11/2016	3417.74	45.74	NM	NA	3372.00
MW057SA	9/15/2016	3417.74	45.76	NM	NA	3371.98
MW057SA	5/1/2017	3417.74	45.26	NM	NA	3372.48
MW057SA	9/14/2017	3417.74	45.64	NM	NA	3372.10
MW057SA	3/20/2018	3417.74	45.17	NM	NA	3372.57
MW057SA	9/12/2018	3417.74	45.59	NM	NA	3372.15
MW057SA	4/9/2019	3417.74	44.86	NM	NA	3372.88
MW057SA	10/7/2019	3417.74	45.14	NM	NA	3372.60
MW057SA	3/9/2020	3417.74	44.95	NM	NA	3372.79
MW057SA	9/23/2020	3417.74	45.06	NM	NA	3372.68
MW057SA	3/8/2021	3417.74	45.06	NM	NA	3372.68
MW057SA	10/11/2021	3417.74	45.25	NM	NA	3372.49
MW057SA	2/16/2022	3417.74	45.61	NM	NA	3372.13
MW057SA	10/11/2022	3417.74	45.74	NM	NA	3372.00
MW057SA	2/20/2023	3417.74	45.70	NM	NA	3372.04
MW057SA	10/2/2023	3417.74	45.92	NM	NA	3371.82
MW058	1/31/2003	3437.13	58.49	NM	NA	3378.64
MW058	3/27/2003	3437.13	58.49	NM	NA	3378.64
MW058	5/19/2003	3437.13	58.52	NM	NA	3378.61
MW058	9/9/2003	3437.13	58.57	NM	NA	3378.56
MW058	12/2/2003	3437.13	58.44	NM	NA	3378.69
MW058	3/30/2004	3437.13	58.51	NM	NA	3378.62
MW058	6/7/2004	3437.13	58.50	NM	NA	3378.63
MW058	9/16/2004	3437.13	58.42	NM	NA	3378.71
MW058	11/29/2004	3437.13	58.43	NM	NA	3378.70
MW058	3/31/2005	3437.13	59.08	NM	NA	3378.05
MW058	5/23/2005	3437.13	57.84	NM	NA	3379.29
MW058	1/17/2006	3437.13	57.43	NM	NA	3379.70
MW058	6/14/2006	3437.13	57.10	NM	NA	3380.03
MW058	4/23/2007	3437.13	56.20	NM	NA	3380.93
MW058	9/13/2007	3437.13	56.58	NM	NA	3380.55
MW058	3/19/2008	3437.13	56.46	NM	NA	3380.67
MW058	8/4/2008	3437.13	56.47	NM	NA	3380.66
MW058	3/11/2009	3437.13	56.52	NM	NA	3380.61
MW058	7/29/2009	3437.13	56.56	NM	NA	3380.57
MW058	3/1/2010	3437.13	56.65	NM	NA	3380.48
MW058	8/2/2010	3437.13	56.64	NM	NA	3380.49
MW058	5/5/2011	3437.13	56.50	NM	NA	3380.63
MW058	11/1/2011	3437.13	56.51	NM	NA	3380.62
MW058	5/1/2012	3437.13	56.50	NM	NA	3380.63
MW058	10/24/2012	3437.13	56.57	NM	NA	3380.56
MW058	5/1/2013	3437.13	56.80	NM	NA	3380.33
MW058	10/28/2013	3437.13	56.83	NM	NA	3380.30
MW058	5/5/2014	3437.13	56.89	NM	NA	3380.24
MW058	11/3/2014	3437.13	56.90	NM	NA	3380.23
MW058	5/6/2015	3437.13	56.65	NM	NA	3380.48
MW058	11/3/2015	3437.13	56.58	NM	NA	3380.55
MW058	5/10/2016	3437.13	56.49	NM	NA	3380.64
MW058	9/22/2016	3437.13	56.43	NM	NA	3380.70
MW058	5/2/2017	3437.13	56.20	NM	NA	3380.93
MW058	3/20/2018	3437.13	55.97	NM	NA	3381.16
MW058	4/10/2019	3437.13	55.77	NM	NA	3381.36
MW058	3/9/2020	3437.13	59.73	NM	NA	3377.40

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW058	3/22/2021	3437.13	55.71	NM	NA	3381.42
MW058	10/11/2021	3437.13	58.7	NM	NA	3378.43
MW058	2/21/2022	3437.13	56.08	NM	NA	3381.05
MW058	2/20/2023	3437.13	55.95	NM	NA	3381.18
MW059	1/31/2003	3442.22	63.28	NM	NA	3378.94
MW059	3/28/2003	3442.22	63.23	NM	NA	3378.99
MW059	5/19/2003	3442.22	63.15	NM	NA	3379.07
MW059	9/9/2003	3442.22	63.15	NM	NA	3379.07
MW059	12/2/2003	3442.22	63.05	NM	NA	3379.17
MW059	3/30/2004	3442.22	63.06	NM	NA	3379.16
MW059	6/7/2004	3442.22	63.00	NM	NA	3379.22
MW059	9/17/2004	3442.22	63.03	NM	NA	3379.19
MW059	11/30/2004	3442.22	62.96	NM	NA	3379.26
MW059	3/31/2005	3442.22	62.75	NM	NA	3379.47
MW059	5/23/2005	3442.22	62.51	NM	NA	3379.71
MW059	1/17/2006	3442.22	62.28	NM	NA	3379.94
MW059	6/14/2006	3442.22	61.96	NM	NA	3380.26
MW059	3/28/2007	3442.22	61.61	NM	NA	3380.61
MW059	9/11/2007	3442.22	61.39	NM	NA	3380.83
MW059	3/19/2008	3442.22	61.30	NM	NA	3380.92
MW059	8/4/2008	3442.22	61.20	NM	NA	3381.02
MW059	3/11/2009	3442.22	61.33	NM	NA	3380.89
MW059	7/29/2009	3442.22	61.32	NM	NA	3380.90
MW059	3/1/2010	3442.22	61.40	NM	NA	3380.82
MW059	8/3/2010	3442.22	61.38	NM	NA	3380.84
MW059	5/4/2011	3442.22	61.27	NM	NA	3380.95
MW059	11/1/2011	3442.24	61.24	NM	NA	3381.00
MW059	5/4/2012	3442.24	61.32	NM	NA	3380.92
MW059	10/25/2012	3442.24	61.40	NM	NA	3380.84
MW059	5/1/2013	3442.24	61.48	NM	NA	3380.76
MW059	10/28/2013	3442.24	61.47	NM	NA	3380.77
MW059	5/5/2014	3442.24	61.55	NM	NA	3380.69
MW059	11/3/2014	3442.24	61.60	NM	NA	3380.64
MW059	5/6/2015	3442.24	61.33	NM	NA	3380.91
MW059	11/2/2015	3442.24	61.24	NM	NA	3381.00
MW059	5/11/2016	3442.24	61.23	NM	NA	3381.01
MW059	9/22/2016	3442.24	61.21	NM	NA	3381.03
MW059	5/2/2017	3442.24	61.00	NM	NA	3381.24
MW059	9/18/2017	3442.24	60.90	NM	NA	3381.34
MW059	3/20/2018	3442.24	60.72	NM	NA	3381.52
MW059	9/13/2018	3442.24	60.71	NM	NA	3381.53
MW059	4/10/2019	3442.24	60.51	NM	NA	3381.73
MW059	10/7/2019	3442.24	60.62	NM	NA	3381.62
MW059	3/9/2020	3442.24	60.65	NM	NA	3381.59
MW059	3/8/2021	3442.24	60.45	NM	NA	3381.79
MW059	10/11/2021	3442.24	60.43	NM	NA	3381.81
MW059	2/21/2022	3442.24	61.31	NM	NA	3380.93
MW059	2/20/2023	3442.24	60.67	NM	NA	3381.57
MW060	1/8/2003	3437.7	58.62	NM	NA	3379.08
MW060	1/30/2003	3437.7	58.38	NM	NA	3379.32
MW060	3/28/2003	3437.7	58.45	NM	NA	3379.25
MW060	5/19/2003	3437.7	58.39	NM	NA	3379.31
MW060	9/9/2003	3437.7	58.34	NM	NA	3379.36
MW060	12/2/2003	3437.7	58.15	NM	NA	3379.55
MW060	3/30/2004	3437.7	58.20	NM	NA	3379.50
MW060	6/7/2004	3437.7	58.19	NM	NA	3379.51
MW060	9/16/2004	3437.7	58.12	NM	NA	3379.58
MW060	11/29/2004	3437.7	58.11	NM	NA	3379.59
MW060	3/31/2005	3437.7	57.79	NM	NA	3379.91
MW060	5/23/2005	3437.7	57.63	NM	NA	3380.07
MW060	1/17/2006	3437.7	57.33	NM	NA	3380.37
MW060	6/16/2006	3437.7	57.13	NM	NA	3380.57
MW060	3/28/2007	3437.7	56.80	NM	NA	3380.90
MW060	9/13/2007	3437.7	56.57	NM	NA	3381.13
MW060	3/18/2008	3437.7	56.46	NM	NA	3381.24
MW060	8/4/2008	3437.7	56.57	NM	NA	3381.13
MW060	3/10/2009	3437.7	66.55	NM	NA	3371.15
MW060	7/28/2009	3437.7	56.60	NM	NA	3381.10
MW060	3/1/2010	3437.7	56.73	NM	NA	3380.97
MW060	8/2/2010	3437.7	56.74	NM	NA	3380.96

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW060	5/4/2011	3437.7	56.57	NM	NA	3381.13
MW060	11/1/2011	3437.7	56.50	NM	NA	3381.20
MW060	5/1/2012	3437.7	56.59	NM	NA	3381.11
MW060	10/24/2012	3437.7	56.62	NM	NA	3381.08
MW060	5/1/2013	3437.7	56.82	NM	NA	3380.88
MW060	10/28/2013	3437.7	56.80	NM	NA	3380.90
MW060	5/5/2014	3437.7	56.88	NM	NA	3380.82
MW060	11/3/2014	3437.7	56.88	NM	NA	3380.82
MW060	5/6/2015	3437.7	56.20	NM	NA	3381.50
MW060	11/3/2015	3437.7	56.60	NM	NA	3381.10
MW060	3/20/2018	3437.7	56.08	NM	NA	3381.62
MW060	9/13/2018	3437.7	56.01	NM	NA	3381.69
MW060**	9/18/2017	3437.7	46.2	NM	NA	3391.50
MW060	4/10/2019	3437.70	55.81	NM	NA	3381.89
MW060	10/7/2019	3437.70	55.97	NM	NA	3381.73
MW060	3/8/2021	3437.70	55.71	NM	NA	3381.99
MW060	10/11/2021	3437.70	DRY	NM	NA	DRY
MW060	2/18/2022	3437.70	NM	NM	NA	NM
MW060	2/20/2023	3437.70	56.09	NM	NA	3381.61
MW061	1/8/2003	3439.86	60.23	NM	NA	3379.63
MW061	3/27/2003	3439.86	60.20	NM	NA	3379.66
MW061	5/19/2003	3439.86	60.26	NM	NA	3379.60
MW061	9/9/2003	3439.86	60.18	NM	NA	3379.68
MW061	12/2/2003	3439.86	60.00	NM	NA	3379.86
MW061	3/30/2004	3439.86	60.12	NM	NA	3379.74
MW061	6/7/2004	3439.86	60.06	NM	NA	3379.80
MW061	9/16/2004	3439.86	59.93	NM	NA	3379.93
MW061	11/29/2004	3439.86	59.84	NM	NA	3380.02
MW061	3/31/2005	3439.86	59.52	NM	NA	3380.34
MW061	5/23/2005	3439.86	59.32	NM	NA	3380.54
MW061	1/17/2006	3439.86	58.90	NM	NA	3380.96
MW061	6/15/2006	3439.86	58.81	NM	NA	3381.05
MW061	4/18/2007	3439.86	58.54	NM	NA	3381.32
MW061	9/20/2007	3439.86	58.39	NM	NA	3381.47
MW061	3/18/2008	3439.86	58.34	NM	NA	3381.52
MW061	8/4/2008	3439.86	58.55	NM	NA	3381.31
MW061	3/11/2009	3439.86	58.59	NM	NA	3381.27
MW061	7/29/2009	3439.86	58.65	NM	NA	3381.21
MW061	3/1/2010	3439.86	58.77	NM	NA	3381.09
MW061	8/3/2010	3439.86	58.72	NM	NA	3381.14
MW061	5/3/2011	3439.86	58.55	NM	NA	3381.31
MW061	11/1/2011	3439.86	58.48	NM	NA	3381.38
MW061	5/1/2012	3439.86	58.67	NM	NA	3381.19
MW061	10/24/2012	3439.86	58.72	NM	NA	3381.14
MW061	4/30/2013	3439.86	58.81	NM	NA	3381.05
MW061	10/28/2013	3439.86	58.89	NM	NA	3380.97
MW061	5/5/2014	3439.86	58.95	NM	NA	3380.91
MW061	11/3/2014	3439.86	58.90	NM	NA	3380.96
MW061	5/6/2015	3439.86	58.71	NM	NA	3381.15
MW061	11/3/2015	3439.86	58.62	NM	NA	3381.24
MW061	5/9/2016	3439.86	58.60	NM	NA	3381.26
MW061	9/22/2016	3439.86	56.21	NM	NA	3383.65
MW061	5/2/2017	3439.86	55.81	NM	NA	3384.05
MW061	3/20/2018	3439.86	55.55	NM	NA	3384.31
MW061	9/13/2018	3439.86	55.41	NM	NA	3384.45
MW061**	9/18/2017	3439.86	55.77	NM	NA	3384.09
MW061	4/10/2019	3439.86	55.26	NM	NA	3384.60
MW061	10/8/2019	3439.86	55.34	NM	NA	3384.52
MW061	3/9/2020	3439.86	55.42	NM	NA	3384.44
MW061	9/23/2020	3439.86	55.1	NM	NA	3384.76
MW061	3/11/2021	3439.86	49.99	NM	NA	3389.87
MW061	10/11/2021	3439.86	59.14	NM	NA	3380.72
MW061	10/11/2022	3439.86	55.54	NM	NA	3384.32
MW061	2/21/2023	3439.86	55.74	NM	NA	3384.12
MW061	10/02/2023	3439.86	55.91	NM	NA	3383.95
MW062A	1/31/2003	3434.19	57.13	NM	NA	3377.06
MW062A	3/27/2003	3434.19	57.16	NM	NA	3377.03
MW062A	5/19/2003	3434.19	57.19	NM	NA	3377.00
MW062A	9/9/2003	3434.19	57.29	NM	NA	3376.90
MW062A	12/2/2003	3434.19	57.17	NM	NA	3377.02

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW062A	3/30/2004	3434.19	57.35	NM	NA	3376.84
MW062A	6/7/2004	3434.19	57.40	NM	NA	3376.79
MW062A	9/16/2004	3434.19	57.18	NM	NA	3377.01
MW062A	11/29/2004	3434.19	57.08	NM	NA	3377.11
MW062A	3/31/2005	3434.19	56.64	NM	NA	3377.55
MW062A	5/23/2005	3434.19	56.51	NM	NA	3377.68
MW062A	1/17/2006	3434.19	55.93	NM	NA	3378.26
MW062A	6/14/2006	3434.19	55.52	NM	NA	3378.67
MW062A	4/20/2007	3434.19	55.17	NM	NA	3379.02
MW062A	9/13/2007	3434.19	55.17	NM	NA	3379.02
MW062A	3/18/2008	3434.19	55.13	NM	NA	3379.06
MW062A	8/4/2008	3434.19	55.25	NM	NA	3378.94
MW062A	3/11/2009	3434.19	55.39	NM	NA	3378.80
MW062A	7/28/2009	3434.19	55.45	NM	NA	3378.74
MW062A	3/1/2010	3434.19	55.45	NM	NA	3378.74
MW062A	8/2/2010	3434.19	55.50	NM	NA	3378.69
MW062A	5/3/2011	3434.19	55.28	NM	NA	3378.91
MW062A	11/2/2011	3434.19	55.56	NM	NA	3378.63
MW062A	5/1/2012	3434.19	55.50	NM	NA	3378.69
MW062A	10/24/2012	3434.19	55.72	NM	NA	3378.47
MW062A	5/1/2013	3434.19	55.87	NM	NA	3378.32
MW062A	10/28/2013	3434.19	55.99	NM	NA	3378.20
MW062A	5/5/2014	3434.19	56.02	NM	NA	3378.17
MW062A	11/3/2014	3434.19	55.95	NM	NA	3378.24
MW062A	5/6/2015	3434.19	55.59	NM	NA	3378.60
MW062A	11/3/2015	3434.19	55.57	NM	NA	3378.62
MW062A	5/10/2016	3434.19	55.37	NM	NA	3378.82
MW062A	9/22/2016	3434.19	55.39	NM	NA	3378.80
MW062A	5/2/2017	3434.19	55.06	NM	NA	3379.13
MW062A	9/18/2017	3434.19	55.01	NM	NA	3379.18
MW062A	3/20/2018	3434.19	54.83	NM	NA	3379.36
MW062A	9/12/2018	3434.19	54.96	NM	NA	3379.23
MW062A	4/9/2019	3434.19	54.64	NM	NA	3379.55
MW062A	10/7/2019	3434.19	54.84	NM	NA	3379.35
MW062A	3/9/2020	3434.19	54.84	NM	NA	3379.35
MW062A	3/10/2021	3434.19	54.68	NM	NA	3379.51
MW062A	10/11/2021	3434.19	62.16	NM	NA	3372.03
MW062A	2/18/2022	3434.19	55	NM	NA	3379.19
MW062A	2/20/2023	3434.19	54.99	NM	NA	3379.20
MW063A	1/31/2003	3435.22	57.89	NM	NA	3377.33
MW063A	3/27/2003	3435.22	57.80	NM	NA	3377.42
MW063A	5/19/2003	3435.22	57.82	NM	NA	3377.40
MW063A	9/9/2003	3435.22	57.89	NM	NA	3377.33
MW063A	12/2/2003	3435.22	57.78	NM	NA	3377.44
MW063A	3/30/2004	3435.22	57.97	NM	NA	3377.25
MW063A	6/7/2004	3435.22	57.93	NM	NA	3377.29
MW063A	9/16/2004	3435.22	57.81	NM	NA	3377.41
MW063A	11/29/2004	3435.22	57.78	NM	NA	3377.44
MW063A	3/31/2005	3435.22	54.53	NM	NA	3380.69
MW063A	5/23/2005	3435.22	57.20	NM	NA	3378.02
MW063A	1/17/2006	3435.22	56.80	NM	NA	3378.42
MW063A	6/14/2006	3435.22	56.44	NM	NA	3378.78
MW063A	4/20/2007	3435.22	56.02	NM	NA	3379.20
MW063A	9/10/2007	3435.22	55.92	NM	NA	3379.30
MW063A	3/18/2008	3435.22	55.89	NM	NA	3379.33
MW063A	8/4/2008	3435.22	55.98	NM	NA	3379.24
MW063A	3/11/2009	3435.22	56.02	NM	NA	3379.20
MW063A	7/28/2009	3435.22	56.05	NM	NA	3379.17
MW063A	3/1/2010	3435.22	56.05	NM	NA	3379.17
MW063A	8/2/2010	3435.22	56.08	NM	NA	3379.14
MW063A	5/3/2011	3435.22	55.90	NM	NA	3379.32
MW063A	11/2/2011	3435.22	56.04	NM	NA	3379.18
MW063A	5/1/2012	3435.22	56.00	NM	NA	3379.22
MW063A	10/24/2012	3435.22	56.13	NM	NA	3379.09
MW063A	5/1/2013	3435.22	56.30	NM	NA	3378.92
MW063A	10/28/2013	3435.22	56.41	NM	NA	3378.81
MW063A	5/5/2014	3435.22	56.42	NM	NA	3378.80
MW063A	11/3/2014	3435.22	56.43	NM	NA	3378.79
MW063A	5/6/2015	3435.22	56.12	NM	NA	3379.10
MW063A	11/3/2015	3435.22	56.09	NM	NA	3379.13

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW063A	5/10/2016	3435.22	55.92	NM	NA	3379.30
MW063A	9/22/2016	3435.22	55.95	NM	NA	3379.27
MW063A	5/2/2017	3435.22	55.70	NM	NA	3379.52
MW063A	9/18/2017	3435.22	55.65	NM	NA	3379.57
MW063A	3/20/2018	3435.22	55.48	NM	NA	3379.74
MW063A	9/12/2018	3435.22	55.52	NM	NA	3379.70
MW063A	4/9/2019	3435.22	55.22	NM	NA	3380.00
MW063A	10/7/2019	3435.22	55.43	NM	NA	3379.79
MW063A	3/9/2020	3435.22	55.43	NM	NA	3379.79
MW063A	3/10/2021	3435.22	55.27	NM	NA	3379.95
MW063A	10/11/2021	3435.22	50.45	NM	NA	3384.77
MW063A	2/21/2022	3435.22	55.63	NM	NA	3379.59
MW063A	2/20/2023	3435.22	55.46	NM	NA	3379.76
MW064SA	3/27/2003	3405.15	54.20	NM	NA	3350.95
MW064SA	5/19/2003	3405.15	54.22	NM	NA	3350.93
MW064SA	9/8/2003	3405.15	54.27	NM	NA	3350.88
MW064SA	12/2/2003	3405.15	54.35	NM	NA	3350.80
MW064SA	3/30/2004	3405.15	54.39	NM	NA	3350.76
MW064SA	6/7/2004	3405.15	54.40	NM	NA	3350.75
MW064SA	9/14/2004	3405.15	54.36	NM	NA	3350.79
MW064SA	11/29/2004	3405.15	54.24	NM	NA	3350.91
MW064SA	3/24/2005	3405.15	54.91	NM	NA	3350.24
MW064SA	5/23/2005	3405.15	53.69	NM	NA	3351.46
MW064SA	1/17/2006	3405.15	53.09	NM	NA	3352.06
MW064SA	6/14/2006	3405.15	52.67	NM	NA	3352.48
MW064SA	9/5/2007	3405.15	51.52	NM	NA	3353.63
MW064SA	3/19/2008	3405.15	51.21	NM	NA	3353.94
MW064SA	8/4/2008	3405.15	51.11	NM	NA	3354.04
MW064SA	3/11/2009	3405.15	51.16	NM	NA	3353.99
MW064SA	7/29/2009	3405.15	51.05	NM	NA	3354.10
MW064SA	3/1/2010	3405.15	51.07	NM	NA	3354.08
MW064SA	7/30/2010	3405.15	50.99	NM	NA	3354.16
MW064SA	5/4/2011	3405.15	51.09	NM	NA	3354.06
MW064SA	11/2/2011	3405.15	51.29	NM	NA	3353.86
MW064SA	5/2/2012	3405.15	51.33	NM	NA	3353.82
MW064SA	10/23/2012	3405.15	51.36	NM	NA	3353.79
MW064SA	4/29/2013	3405.15	51.31	NM	NA	3353.84
MW065SA	3/27/2003	3402.96	54.21	NM	NA	3348.75
MW065SA	5/19/2003	3402.96	54.23	NM	NA	3348.73
MW065SA	9/8/2003	3402.96	54.38	NM	NA	3348.58
MW065SA	12/2/2003	3402.96	54.51	NM	NA	3348.45
MW065SA	3/30/2004	3402.96	54.61	NM	NA	3348.35
MW065SA	6/7/2004	3402.96	54.32	NM	NA	3348.64
MW065SA	9/14/2004	3402.96	54.45	NM	NA	3348.51
MW065SA	11/30/2004	3402.96	54.31	NM	NA	3348.65
MW065SA	3/31/2005	3402.96	53.92	NM	NA	3349.04
MW065SA	5/23/2005	3402.96	53.66	NM	NA	3349.30
MW065SA	1/17/2006	3402.96	52.99	NM	NA	3349.97
MW065SA	6/15/2006	3402.96	52.62	NM	NA	3350.34
MW065SA	4/10/2007	3402.96	52.12	NM	NA	3350.84
MW065SA	9/11/2007	3402.96	51.59	NM	NA	3351.37
MW065SA	3/19/2008	3402.96	51.39	NM	NA	3351.57
MW065SA	8/4/2008	3402.96	51.30	NM	NA	3351.66
MW065SA	3/11/2009	3402.96	51.52	NM	NA	3351.44
MW065SA	7/29/2009	3402.96	51.32	NM	NA	3351.64
MW065SA	3/1/2010	3402.96	51.39	NM	NA	3351.57
MW065SA	7/30/2010	3402.96	51.30	NM	NA	3351.66
MW065SA	5/4/2011	3402.96	51.48	NM	NA	3351.48
MW065SA	11/3/2011	3402.96	51.81	NM	NA	3351.15
MW065SA	5/1/2012	3402.96	51.72	NM	NA	3351.24
MW065SA	10/23/2012	3402.96	51.69	NM	NA	3351.27
MW065SA	4/29/2013	3402.96	51.64	NM	NA	3351.32
MW065SA	10/28/2013	3402.96	51.85	NM	NA	3351.11
MW065SA	5/5/2014	3402.96	51.48	NM	NA	3351.48
MW065SA	11/3/2014	3402.96	51.53	NM	NA	3351.43
MW065SA	5/5/2015	3402.96	51.05	NM	NA	3351.91
MW065SA	11/2/2015	3402.96	51.01	NM	NA	3351.95
MW065SA	5/11/2016	3402.96	50.43	NM	NA	3352.53
MW065SA	9/14/2016	3402.96	50.48	NM	NA	3352.48
MW065SA	5/1/2017	3402.96	49.87	NM	NA	3353.09

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW065SA	3/20/2018	3402.96	49.51	NM	NA	3353.45
MW065SA	4/9/2019	3402.96	48.71	NM	NA	3354.25
MW065SA	3/9/2020	3402.96	48.32	NM	NA	3354.64
MW065SA	3/11/2021	3402.96	49.16	NM	NA	3353.80
MW065SA	10/11/2021	3402.96	49.42	NM	NA	3353.54
MW065SA	2/15/2022	3402.96	49.95	NM	NA	3353.01
MW065SA	2/20/2023	3402.96	50.30	NM	NA	3352.66
MW066SA	3/28/2003	3404.03	52.45	NM	NA	3351.58
MW066SA	5/19/2003	3404.03	52.24	NM	NA	3351.79
MW066SA	9/8/2003	3404.03	52.71	NM	NA	3351.32
MW066SA	12/2/2003	3404.03	53.00	NM	NA	3351.03
MW066SA	3/30/2004	3404.03	53.16	NM	NA	3350.87
MW066SA	6/7/2004	3404.03	52.88	NM	NA	3351.15
MW066SA	9/14/2004	3404.03	55.30	NM	NA	3348.73
MW066SA	11/29/2004	3404.03	53.24	NM	NA	3350.79
MW066SA	3/29/2005	3404.03	52.71	NM	NA	3351.32
MW066SA	5/23/2005	3404.03	52.36	NM	NA	3351.67
MW066SA	1/17/2006	3404.03	51.15	NM	NA	3352.88
MW066SA	6/15/2006	3404.03	50.35	NM	NA	3353.68
MW066SA	4/5/2007	3404.03	49.45	NM	NA	3354.58
MW066SA	9/19/2007	3404.03	48.63	NM	NA	3355.40
MW066SA	3/18/2008	3404.03	48.25	NM	NA	3355.78
MW066SA	8/4/2008	3404.03	48.99	NM	NA	3355.04
MW066SA	3/10/2009	3404.03	49.00	NM	NA	3355.03
MW066SA	7/29/2009	3404.03	49.32	NM	NA	3354.71
MW066SA	3/1/2010	3404.03	49.53	NM	NA	3354.50
MW066SA	7/30/2010	3404.03	49.38	NM	NA	3354.65
MW066SA	5/4/2011	3404.03	49.67	NM	NA	3354.36
MW066SA	11/3/2011	3404.03	50.47	NM	NA	3353.56
MW066SA	5/2/2012	3404.03	50.24	NM	NA	3353.79
MW066SA	10/23/2012	3404.03	50.56	NM	NA	3353.47
MW066SA	4/29/2013	3404.03	50.20	NM	NA	3353.83
MW066SA	10/29/2013	3404.03	50.81	NM	NA	3353.22
MW066SA	5/5/2014	3404.03	50.09	NM	NA	3353.94
MW066SA	11/3/2014	3404.03	50.45	NM	NA	3353.58
MW066SA	5/5/2015	3404.03	49.14	NM	NA	3354.89
MW066SA	11/2/2015	3404.03	49.22	NM	NA	3354.81
MW066SA	5/10/2016	3404.03	47.86	NM	NA	3356.17
MW066SA	9/15/2016	3404.03	44.34	NM	NA	3359.69
MW066SA	5/1/2017	3404.03	46.68	NM	NA	3357.35
MW066SA	9/14/2017	3404.03	46.45	NM	NA	3357.58
MW066SA	3/20/2018	3404.03	45.66	NM	NA	3358.37
MW066SA	9/12/2018	3404.03	45.99	NM	NA	3358.04
MW066SA	4/9/2019	3404.03	44.19	NM	NA	3359.84
MW066SA	10/7/2019	3404.03	45.09	NM	NA	3358.94
MW066SA	3/9/2020	3404.03	44.57	NM	NA	3359.46
MW066SA	3/9/2021	3404.03	46.15	NM	NA	3357.88
MW066SA	10/11/2021	3404.03	47.27	NM	NA	3356.76
MW066SA	2/16/2022	3404.03	47.54	NM	NA	3356.49
MW066SA	2/20/2023	3404.03	48.22	NM	NA	3355.81
MW067SA	3/28/2003	3409.16	47.64	NM	NA	3361.52
MW067SA	5/19/2003	3409.16	47.61	NM	NA	3361.55
MW067SA	9/8/2003	3409.16	48.19	NM	NA	3360.97
MW067SA	12/2/2003	3409.16	48.25	NM	NA	3360.91
MW067SA	3/30/2004	3409.16	48.34	NM	NA	3360.82
MW067SA	6/7/2004	3409.16	48.10	NM	NA	3361.06
MW067SA	9/14/2004	3409.16	48.26	NM	NA	3360.90
MW067SA	1/17/2006	3409.16	45.90	NM	NA	3363.26
MW067SA	6/16/2006	3409.16	46.02	NM	NA	3363.14
MW067SA	4/5/2007	3409.16	45.46	NM	NA	3363.70
MW067SA	9/12/2007	3409.16	45.38	NM	NA	3363.78
MW067SA	3/18/2008	3409.16	45.34	NM	NA	3363.82
MW067SA	8/4/2008	3409.16	46.06	NM	NA	3363.10
MW067SA	3/10/2009	3409.16	45.81	NM	NA	3363.35
MW067SA	7/28/2009	3409.16	46.35	NM	NA	3362.81
MW067SA	3/1/2010	3409.16	46.31	NM	NA	3362.85
MW067SA	8/3/2010	3409.16	46.37	NM	NA	3362.79
MW067SA	5/5/2011	3409.16	46.54	NM	NA	3362.62
MW067SA	11/3/2011	3409.16	47.18	NM	NA	3361.98
MW067SA	5/2/2012	3409.16	46.89	NM	NA	3362.27

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Appendix C
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW067SA	10/23/2012	3409.16	47.25	NM	NA	3361.91
MW067SA	4/29/2013	3409.16	46.95	NM	NA	3362.21
MW067SA	10/29/2013	3409.16	47.54	NM	NA	3361.62
MW067SA	5/5/2014	3409.16	47.00	NM	NA	3362.16
MW067SA	11/3/2014	3409.16	47.22	NM	NA	3361.94
MW067SA	5/5/2015	3409.16	46.30	NM	NA	3362.86
MW067SA	11/3/2015	3409.16	46.50	NM	NA	3362.66
MW067SA	5/10/2016	3409.16	45.65	NM	NA	3363.51
MW067SA	9/22/2016	3409.16	46.12	NM	NA	3363.04
MW067SA	5/1/2017	3409.16	44.82	NM	NA	3364.34
MW067SA	9/14/2017	3409.16	45.01	NM	NA	3364.15
MW067SA	3/20/2018	3409.16	44.20	NM	NA	3364.96
MW067SA	9/10/2018	3409.16	45.76	NM	NA	3363.40
MW067SA	4/9/2019	3409.16	43.05	NM	NA	3366.11
MW067SA	10/7/2019	3409.16	44.42	NM	NA	3364.74
MW067SA	3/9/2020	3409.16	43.22	NM	NA	3365.94
MW067SA	9/23/2020	3409.16	44.86	NM	NA	3364.30
MW067SA	3/9/2021	3409.16	43.22	NM	NA	3365.94
MW067SA	10/11/2021	3409.16	45.89	NM	NA	3363.27
MW067SA	2/17/2022	3409.16	45.96	NM	NA	3363.20
MW067SA	10/12/2022	3409.16	46.87	NM	NA	3362.29
MW067SA	2/20/2023	3409.16	46.09	NM	NA	3363.07
MW067SA	10/02/2023	3409.16	46.73	NM	NA	3362.43
MW068	3/27/2003	3448.08	67.61	NM	NA	3380.47
MW068	5/19/2003	3448.08	68.70	NM	NA	3379.38
MW068	9/9/2003	3448.08	68.67	NM	NA	3379.41
MW068	12/2/2003	3448.08	68.51	NM	NA	3379.57
MW068	3/30/2004	3448.08	68.52	NM	NA	3379.56
MW068	6/7/2004	3448.08	68.45	NM	NA	3379.63
MW068	9/16/2004	3448.18	68.30	NM	NA	3379.88
MW068	11/29/2004	3448.08	68.19	NM	NA	3379.89
MW068	3/31/2005	3448.08	67.90	NM	NA	3380.18
MW068	5/23/2005	3448.08	67.78	NM	NA	3380.30
MW068	1/17/2006	3448.08	67.40	NM	NA	3380.68
MW068	6/14/2006	3448.08	67.30	NM	NA	3380.78
MW068	3/22/2007	3448.08	67.04	NM	NA	3381.04
MW068	9/6/2007	3448.08	66.78	NM	NA	3381.30
MW068	3/18/2008	3448.08	66.80	NM	NA	3381.28
MW068	8/4/2008	3448.08	67.09	NM	NA	3380.99
MW068	3/10/2009	3448.08	66.94	NM	NA	3381.14
MW068	7/28/2009	3448.08	67.02	NM	NA	3381.06
MW068	3/1/2010	3448.08	67.12	NM	NA	3380.96
MW068	8/3/2010	3448.08	67.99	NM	NA	3380.09
MW068	5/3/2011	3448.08	66.87	NM	NA	3381.21
MW068	11/1/2011	3448.08	66.85	NM	NA	3381.23
MW068	5/2/2012	3448.08	67.04	NM	NA	3381.04
MW068	10/24/2012	3448.08	67.03	NM	NA	3381.05
MW068	4/30/2013	3448.08	67.11	NM	NA	3380.97
MW068	10/28/2013	3448.08	67.12	NM	NA	3380.96
MW068	5/5/2014	3448.08	67.20	NM	NA	3380.88
MW068	11/3/2014	3448.08	67.09	NM	NA	3380.99
MW068	5/6/2015	3448.08	62.00	NM	NA	3386.08
MW068	9/16/2015	3448.08	67.09	NM	NA	3380.99
MW068	11/3/2015	3448.08	66.89	NM	NA	3381.19
MW068	5/9/2016	3448.08	64.94	NM	NA	3383.14
MW068	5/2/2017	3449.21	66.67	NM	NA	3382.54
MW068	9/22/2017	3448.08	66.80	NM	NA	3381.28
MW068	3/20/2018	3448.08	66.57	NM	NA	3381.51
MW068	9/13/2018	3448.08	66.54	NM	NA	3381.54
MW068	4/10/2019	3448.08	66.31	NM	NA	3381.77
MW068	10/7/2019	3448.08	66.44	NM	NA	3381.64
MW068	3/9/2020	3449.21	66.49	NM	NA	3382.72
MW068	9/23/2020	3449.21	66.23	NM	NA	3382.98
MW068	3/11/2021	3448.08	66.12	NM	NA	3381.96
MW068	10/11/2021	3448.08	66.41	NM	NA	3381.67
MW068	2/14/2022	3448.08	66.59	NM	NA	3381.49
MW068	10/11/2022	3448.08	66.91	NM	NA	3381.17
MW068	2/20/2023	3448.08	66.72	NM	NA	3381.36
MW068	10/02/2023	3448.08	66.87	NM	NA	3381.21
MW069	3/27/2003	3444.07	64.89	NM	NA	3379.18

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Appendix C
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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW069	5/19/2003	3444.07	64.83	NM	NA	3379.24
MW069	9/9/2003	3444.07	64.79	NM	NA	3379.28
MW069	12/2/2003	3444.07	64.63	NM	NA	3379.44
MW069	3/30/2004	3444.07	64.65	NM	NA	3379.42
MW069	6/7/2004	3444.07	64.63	NM	NA	3379.44
MW069	9/16/2004	3444.07	64.60	NM	NA	3379.47
MW069	11/29/2004	3444.07	64.51	NM	NA	3379.56
MW069	3/31/2005	3444.07	64.24	NM	NA	3379.83
MW069	5/23/2005	3444.07	64.08	NM	NA	3379.99
MW069	1/17/2006	3444.07	63.82	NM	NA	3380.25
MW069	6/14/2006	3444.07	63.66	NM	NA	3380.41
MW069	9/6/2007	3444.07	63.16	NM	NA	3380.91
MW069	3/18/2008	3444.07	63.17	NM	NA	3380.90
MW069	8/4/2008	3444.07	63.10	NM	NA	3380.97
MW069	3/10/2009	3444.07	62.99	NM	NA	3381.08
MW069	3/22/2009	3444.07	63.39	NM	NA	3380.68
MW069	7/28/2009	3444.07	63.09	NM	NA	3380.98
MW069	3/1/2010	3444.07	63.17	NM	NA	3380.90
MW069	8/2/2010	3444.07	63.20	NM	NA	3380.87
MW069	5/4/2011	3444.07	63.82	NM	NA	3380.25
MW069	11/1/2011	3444.07	62.95	NM	NA	3381.12
MW069	5/1/2012	3444.07	63.04	NM	NA	3381.03
MW069	5/1/2013	3444.07	63.21	NM	NA	3380.86
MW069	10/28/2013	3444.07	63.16	NM	NA	3380.91
MW069	5/5/2014	3444.07	63.26	NM	NA	3380.81
MW069	11/3/2014	3444.07	63.31	NM	NA	3380.76
MW069	5/6/2015	3444.07	63.10	NM	NA	3380.97
MW069	11/3/2015	3444.07	63.00	NM	NA	3381.07
MW069	5/9/2016	3444.07	62.97	NM	NA	3381.10
MW069	9/22/2016	3444.07	63.12	NM	NA	3380.95
MW069	5/2/2017	3445.21	62.82	NM	NA	3382.39
MW069	9/18/2017	3444.07	62.81	NM	NA	3381.26
MW069	3/20/2018	3444.07	62.66	NM	NA	3381.41
MW069	9/13/2018	3444.07	62.54	NM	NA	3381.53
MW069	4/10/2019	3444.07	62.45	NM	NA	3381.62
MW069	10/7/2019	3444.07	62.56	NM	NA	3381.51
MW069	3/9/2020	3445.21	62.59	NM	NA	3382.62
MW069	9/23/2020	3444.07	62.35	NM	NA	3381.72
MW069	3/11/2021	3444.07	62.39	NM	NA	3381.68
MW069	10/11/2021	3444.07	62.42	NM	NA	3381.65
MW069	2/21/2022	3444.07	62.02	NM	NA	3382.05
MW069	10/11/2022	3444.07	62.85	NM	NA	3381.22
MW069	2/20/2023	3444.07	62.67	NM	NA	3381.40
MW069	10/02/2023	3444.07	62.82	NM	NA	3381.25
MW070	3/27/2003	3439.68	61.00	NM	NA	3378.68
MW070	5/19/2003	3439.68	61.03	NM	NA	3378.65
MW070	9/9/2003	3439.68	61.02	NM	NA	3378.66
MW070	12/2/2003	3439.68	60.93	NM	NA	3378.75
MW070	3/30/2004	3439.68	61.02	NM	NA	3378.66
MW070	6/7/2004	3439.68	60.94	NM	NA	3378.74
MW070	9/16/2004	3439.68	60.90	NM	NA	3378.78
MW070	11/29/2004	3439.68	60.91	NM	NA	3378.77
MW070	3/31/2005	3439.68	60.72	NM	NA	3378.96
MW070	5/23/2005	3439.68	60.52	NM	NA	3379.16
MW070	1/17/2006	3439.68	60.20	NM	NA	3379.48
MW070	6/14/2006	3439.68	59.88	NM	NA	3379.80
MW070	3/29/2007	3439.68	59.47	NM	NA	3380.21
MW070	9/10/2007	3439.68	59.25	NM	NA	3380.43
MW070	3/18/2008	3439.68	59.18	NM	NA	3380.50
MW070	8/4/2008	3439.68	59.09	NM	NA	3380.59
MW070	3/10/2009	3439.68	59.11	NM	NA	3380.57
MW070	7/28/2009	3439.68	59.10	NM	NA	3380.58
MW070	3/1/2010	3439.68	59.15	NM	NA	3380.53
MW070	8/2/2010	3439.68	59.13	NM	NA	3380.55
MW070	5/4/2011	3439.68	59.06	NM	NA	3380.62
MW070	11/1/2011	3439.68	59.09	NM	NA	3380.59
MW070	5/1/2012	3439.68	59.00	NM	NA	3380.68
MW070	10/24/2012	3439.68	59.02	NM	NA	3380.66
MW070	5/1/2013	3439.68	59.28	NM	NA	3380.40
MW070	10/28/2013	3439.68	59.24	NM	NA	3380.44

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW070	5/5/2014	3439.68	59.29	NM	NA	3380.39
MW070	11/3/2014	3439.68	59.36	NM	NA	3380.32
MW070	5/6/2015	3439.68	59.14	NM	NA	3380.54
MW070	11/3/2015	3439.68	59.08	NM	NA	3380.60
MW070	5/10/2016	3439.68	58.99	NM	NA	3380.69
MW070	9/22/2016	3439.68	58.94	NM	NA	3380.74
MW070	5/2/2017	3439.68	58.81	NM	NA	3380.87
MW070	9/18/2017	3439.68	58.72	NM	NA	3380.96
MW070	3/20/2018	3439.68	58.63	NM	NA	3381.05
MW070	9/12/2018	3439.68	58.57	NM	NA	3381.11
MW070	4/10/2019	3439.68	58.39	NM	NA	3381.29
MW070	10/7/2019	3439.68	58.46	NM	NA	3381.22
MW070	3/9/2020	3439.68	58.47	NM	NA	3381.21
MW070	9/23/2020	3439.68	58.28	NM	NA	3381.40
MW070	3/11/2021	3439.68	58.27	NM	NA	3381.41
MW070	10/11/2021	3439.68	50.39	NM	NA	3389.29
MW070	2/21/2022	3439.68	58.82	NM	NA	3380.86
MW070	10/11/2022	3439.68	58.54	NM	NA	3381.14
MW070	2/20/2023	3439.68	58.41	NM	NA	3381.27
MW070	10/02/2023	3439.68	58.57	NM	NA	3381.11
MW070A	3/27/2003	3439.67	61.08	NM	NA	3378.59
MW070A	5/19/2003	3439.67	61.06	NM	NA	3378.61
MW070A	9/9/2003	3439.67	61.05	NM	NA	3378.62
MW070A	12/2/2003	3439.67	60.96	NM	NA	3378.71
MW070A	3/30/2004	3439.67	60.96	NM	NA	3378.71
MW070A	6/7/2004	3439.67	60.98	NM	NA	3378.69
MW070A	9/16/2004	3439.67	60.98	NM	NA	3378.69
MW070A	11/30/2004	3439.67	60.88	NM	NA	3378.79
MW070A	3/31/2005	3439.67	60.68	NM	NA	3378.99
MW070A	5/23/2005	3439.67	60.49	NM	NA	3379.18
MW070A	1/17/2006	3439.67	60.14	NM	NA	3379.53
MW070A	6/14/2006	3439.67	59.92	NM	NA	3379.75
MW070A	3/29/2007	3439.67	59.45	NM	NA	3380.22
MW070A	9/11/2007	3439.67	59.30	NM	NA	3380.37
MW070A	3/18/2008	3439.67	59.09	NM	NA	3380.58
MW070A	8/4/2008	3439.67	59.06	NM	NA	3380.61
MW070A	3/10/2009	3439.67	59.11	NM	NA	3380.56
MW070A	7/28/2009	3439.67	59.14	NM	NA	3380.53
MW070A	3/1/2010	3439.67	59.18	NM	NA	3380.49
MW070A	8/2/2010	3439.67	59.21	NM	NA	3380.46
MW070A	5/3/2011	3439.67	59.06	NM	NA	3380.61
MW070A	11/2/2011	3439.67	59.05	NM	NA	3380.62
MW070A	5/1/2012	3439.67	59.02	NM	NA	3380.65
MW070A	10/24/2012	3439.67	59.05	NM	NA	3380.62
MW070A	5/1/2013	3439.67	59.28	NM	NA	3380.39
MW070A	10/28/2013	3439.67	59.31	NM	NA	3380.36
MW070A	5/5/2014	3439.67	59.32	NM	NA	3380.35
MW070A	11/3/2014	3439.67	59.35	NM	NA	3380.32
MW070A	5/6/2015	3439.67	59.18	NM	NA	3380.49
MW070A	9/16/2015	3439.67	58.96	NM	NA	3380.71
MW070A	11/3/2015	3439.67	59.08	NM	NA	3380.59
MW070A	5/10/2016	3439.67	58.99	NM	NA	3380.68
MW070A	5/2/2017	3439.67	58.81	NM	NA	3380.86
MW071SA	5/2/2003	3401.01	34.79	NM	NA	3366.22
MW071SA	5/19/2003	3401.01	52.61	NM	NA	3348.40
MW071SA	9/8/2003	3401.01	52.83	NM	NA	3348.18
MW071SA	12/2/2003	3401.01	52.98	NM	NA	3348.03
MW071SA	3/30/2004	3401.01	53.03	NM	NA	3347.98
MW071SA	6/7/2004	3401.01	52.78	NM	NA	3348.23
MW071SA	9/14/2004	3401.01	53.00	NM	NA	3348.01
MW071SA	11/29/2004	3401.01	53.71	NM	NA	3347.30
MW071SA	3/31/2005	3401.01	57.12	NM	NA	3343.89
MW071SA	5/23/2005	3401.01	51.90	NM	NA	3349.11
MW071SA	1/17/2006	3401.01	51.25	NM	NA	3349.76
MW071SA	6/15/2006	3401.01	50.95	NM	NA	3350.06
MW071SA	4/3/2007	3401.01	50.47	NM	NA	3350.54
MW071SA	9/18/2007	3401.01	49.94	NM	NA	3351.07
MW071SA	3/18/2008	3401.01	49.73	NM	NA	3351.28
MW071SA	8/4/2008	3401.01	49.87	NM	NA	3351.14
MW071SA	3/10/2009	3401.01	49.92	NM	NA	3351.09

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW071SA	7/28/2009	3401.01	49.83	NM	NA	3351.18
MW071SA	3/1/2010	3401.01	49.91	NM	NA	3351.10
MW071SA	7/30/2010	3401.01	49.89	NM	NA	3351.12
MW071SA	5/4/2011	3401.01	50.10	NM	NA	3350.91
MW071SA	11/3/2011	3401.01	51.41	NM	NA	3349.60
MW071SA	5/1/2012	3401.01	50.36	NM	NA	3350.65
MW071SA	10/23/2012	3401.01	50.31	NM	NA	3350.70
MW071SA	4/29/2013	3401.01	50.21	NM	NA	3350.80
MW071SA	10/28/2013	3401.01	50.40	NM	NA	3350.61
MW071SA	5/5/2014	3401.01	50.00	NM	NA	3351.01
MW071SA	11/3/2014	3401.01	50.05	NM	NA	3350.96
MW071SA	5/5/2015	3401.01	49.42	NM	NA	3351.59
MW071SA	11/2/2015	3401.01	49.50	NM	NA	3351.51
MW071SA	5/11/2016	3401.01	48.82	NM	NA	3352.19
MW071SA	9/14/2016	3401.01	48.92	NM	NA	3352.09
MW071SA	5/1/2017	3401.01	48.26	NM	NA	3352.75
MW071SA	9/14/2017	3401.01	48.18	NM	NA	3352.83
MW071SA	3/20/2018	3401.01	47.94	NM	NA	3353.07
MW071SA	9/12/2018	3401.01	48.19	NM	NA	3352.82
MW071SA	4/9/2019	3401.01	46.98	NM	NA	3354.03
MW071SA	10/7/2019	3401.01	47.17	NM	NA	3353.84
MW071SA	3/9/2020	3401.01	46.74	NM	NA	3354.27
MW071SA	3/11/2021	3401.01	47.77	NM	NA	3353.24
MW071SA	10/11/2021	3401.01	48.12	NM	NA	3352.89
MW071SA	2/15/2022	3401.01	48.67	NM	NA	3352.34
MW071SA	2/20/2023	3401.01	49.03	NM	NA	3351.98
MW072SA	5/1/2003	3401.34	53.46	NM	NA	3347.88
MW072SA	5/19/2003	3401.34	52.96	NM	NA	3348.38
MW072SA	9/8/2003	3401.34	53.24	NM	NA	3348.10
MW072SA	12/2/2003	3401.34	53.35	NM	NA	3347.99
MW072SA	3/30/2004	3401.34	53.49	NM	NA	3347.85
MW072SA	6/7/2004	3401.34	53.18	NM	NA	3348.16
MW072SA	9/14/2004	3401.34	53.39	NM	NA	3347.95
MW072SA	11/29/2004	3401.34	53.06	NM	NA	3348.28
MW072SA	3/29/2005	3401.34	52.39	NM	NA	3348.95
MW072SA	5/23/2005	3401.34	52.14	NM	NA	3349.20
MW072SA	1/17/2006	3401.34	51.49	NM	NA	3349.85
MW072SA	6/15/2006	3401.34	51.25	NM	NA	3350.09
MW072SA	4/3/2007	3401.34	50.78	NM	NA	3350.56
MW072SA	9/13/2007	3401.34	50.20	NM	NA	3351.14
MW072SA	3/18/2008	3401.34	50.06	NM	NA	3351.28
MW072SA	8/4/2008	3401.34	50.29	NM	NA	3351.05
MW072SA	3/10/2009	3401.34	50.44	NM	NA	3350.90
MW072SA	7/28/2009	3401.34	50.24	NM	NA	3351.10
MW072SA	3/1/2010	3401.34	50.37	NM	NA	3350.97
MW072SA	7/30/2010	3401.34	50.40	NM	NA	3350.94
MW072SA	5/4/2011	3401.34	50.68	NM	NA	3350.66
MW072SA	11/2/2011	3401.34	51.08	NM	NA	3350.26
MW072SA	5/2/2012	3401.34	50.91	NM	NA	3350.43
MW072SA	10/23/2012	3401.34	50.88	NM	NA	3350.46
MW072SA	4/29/2013	3401.34	50.90	NM	NA	3350.44
MW072SA	10/29/2013	3401.34	51.05	NM	NA	3350.29
MW072SA	5/5/2014	3401.34	50.55	NM	NA	3350.79
MW072SA	11/3/2014	3401.34	50.65	NM	NA	3350.69
MW072SA	5/5/2015	3401.34	49.86	NM	NA	3351.48
MW072SA	11/2/2015	3401.34	50.01	NM	NA	3351.33
MW072SA	5/10/2016	3401.34	49.18	NM	NA	3352.16
MW072SA	9/15/2016	3401.34	49.30	NM	NA	3352.04
MW072SA	5/1/2017	3401.34	48.73	NM	NA	3352.61
MW072SA	9/14/2017	3401.34	48.68	NM	NA	3352.66
MW072SA	3/20/2018	3401.34	48.24	NM	NA	3353.10
MW072SA	9/12/2018	3401.34	48.76	NM	NA	3352.58
MW072SA	4/9/2019	3401.34	47.08	NM	NA	3354.26
MW072SA	10/7/2019	3401.34	47.51	NM	NA	3353.83
MW072SA	3/9/2020	3401.34	44.45	NM	NA	3356.89
MW072SA	3/9/2021	3401.34	48.33	NM	NA	3353.01
MW072SA	10/11/2021	3401.34	48.71	NM	NA	3352.63
MW072SA	2/16/2022	3401.34	49.46	NM	NA	3351.88
MW072SA	2/20/2023	3401.34	49.62	NM	NA	3351.72
MW073SA	5/3/2003	3403.26	50.25	NM	NA	3353.01

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW073SA	5/19/2003	3403.26	50.21	NM	NA	3353.05
MW073SA	9/8/2003	3403.26	50.61	NM	NA	3352.65
MW073SA	12/2/2003	3403.26	50.74	NM	NA	3352.52
MW073SA	3/30/2004	3403.26	50.86	NM	NA	3352.40
MW073SA	6/7/2004	3403.26	50.58	NM	NA	3352.68
MW073SA	9/14/2004	3403.26	50.76	NM	NA	3352.50
MW073SA	11/29/2004	3403.26	50.40	NM	NA	3352.86
MW073SA	3/31/2005	3403.26	49.65	NM	NA	3353.61
MW073SA	5/23/2005	3403.26	49.38	NM	NA	3353.88
MW073SA	1/17/2006	3403.26	48.68	NM	NA	3354.58
MW073SA	6/15/2006	3403.26	48.52	NM	NA	3354.74
MW073SA	4/3/2007	3403.26	48.01	NM	NA	3355.25
MW073SA	9/12/2007	3403.26	47.55	NM	NA	3355.71
MW073SA	3/18/2008	3403.26	47.45	NM	NA	3355.81
MW073SA	8/4/2008	3403.26	47.78	NM	NA	3355.48
MW073SA	3/10/2009	3403.26	47.89	NM	NA	3355.37
MW073SA	7/28/2009	3403.26	47.97	NM	NA	3355.29
MW073SA	3/1/2010	3403.26	48.08	NM	NA	3355.18
MW073SA	7/30/2010	3403.26	48.07	NM	NA	3355.19
MW073SA	11/3/2011	3403.26	48.84	NM	NA	3354.42
MW073SA	5/2/2012	3403.26	48.65	NM	NA	3354.61
MW073SA	10/23/2012	3403.26	48.76	NM	NA	3354.50
MW073SA	4/29/2013	3403.26	48.61	NM	NA	3354.65
MW073SA	10/29/2013	3403.26	49.06	NM	NA	3354.20
MW073SA	5/5/2014	3403.26	48.44	NM	NA	3354.82
MW073SA	11/3/2014	3403.26	48.58	NM	NA	3354.68
MW073SA	5/5/2015	3403.26	47.72	NM	NA	3355.54
MW073SA	11/2/2015	3403.26	47.82	NM	NA	3355.44
MW073SA	5/10/2016	3403.26	47.03	NM	NA	3356.23
MW073SA	9/15/2016	3403.26	47.36	NM	NA	3355.90
MW073SA	5/1/2017	3403.26	46.26	NM	NA	3357.00
MW073SA	9/14/2017	3403.26	46.21	NM	NA	3357.05
MW073SA	3/20/2018	3403.26	45.43	NM	NA	3357.83
MW073SA	9/12/2018	3403.26	45.96	NM	NA	3357.30
MW073SA	4/9/2019	3403.26	43.16	NM	NA	3360.10
MW073SA	10/7/2019	3403.26	45.22	NM	NA	3358.04
MW073SA	3/9/2020	3403.26	43.24	NM	NA	3360.02
MW073SA	9/23/2020	3403.26	45.74	NM	NA	3357.52
MW073SA	3/9/2021	3403.26	46.34	NM	NA	3356.92
MW073SA	10/11/2021	3403.26	46.73	NM	NA	3356.53
MW073SA	2/16/2022	3403.26	47.14	NM	NA	3356.12
MW073SA	10/11/2022	3403.26	--	NM	NA	NM
MW073SA	2/20/2023	3403.26	47.38	NM	NA	3355.88
MW073SA	10/02/2023	3403.26	47.44	NM	NA	3355.82
MW074SA	2/18/2004	3409.97	50.22	NM	NA	3359.75
MW074SA	3/30/2004	3409.97	50.24	NM	NA	3359.73
MW074SA	6/7/2004	3409.97	50.15	NM	NA	3359.82
MW074SA	9/14/2004	3409.97	50.22	NM	NA	3359.75
MW074SA	3/31/2005	3409.97	49.79	NM	NA	3360.18
MW074SA	5/23/2005	3409.97	49.69	NM	NA	3360.28
MW074SA	1/17/2006	3409.97	49.31	NM	NA	3360.66
MW074SA	6/15/2006	3409.97	49.02	NM	NA	3360.95
MW074SA	4/3/2007	3409.97	48.39	NM	NA	3361.58
MW074SA	9/5/2007	3409.97	48.10	NM	NA	3361.87
MW074SA	3/18/2008	3409.97	48.03	NM	NA	3361.94
MW074SA	8/4/2008	3409.97	48.07	NM	NA	3361.90
MW074SA	3/10/2009	3409.97	48.18	NM	NA	3361.79
MW074SA	7/28/2009	3409.97	48.14	NM	NA	3361.83
MW074SA	3/1/2010	3409.97	48.14	NM	NA	3361.83
MW074SA	7/30/2010	3409.97	48.19	NM	NA	3361.78
MW074SA	5/4/2011	3409.97	48.21	NM	NA	3361.76
MW074SA	11/2/2011	3409.97	48.50	NM	NA	3361.47
MW074SA	5/2/2012	3409.97	48.50	NM	NA	3361.47
MW074SA	10/23/2012	3409.97	48.72	NM	NA	3361.25
MW074SA	4/29/2013	3409.97	48.78	NM	NA	3361.19
MW074SA	10/28/2013	3409.97	49.02	NM	NA	3360.95
MW074SA	5/5/2014	3409.97	48.85	NM	NA	3361.12
MW074SA	11/3/2014	3409.97	48.92	NM	NA	3361.05
MW074SA	5/5/2015	3409.97	48.44	NM	NA	3361.53
MW074SA	11/2/2015	3409.97	48.38	NM	NA	3361.59

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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW074SA	5/11/2016	3409.97	48.14	NM	NA	3361.83
MW074SA	9/15/2016	3409.97	48.10	NM	NA	3361.87
MW074SA	5/1/2017	3409.97	47.49	NM	NA	3362.48
MW074SA	9/14/2017	3409.97	47.41	NM	NA	3362.56
MW074SA	3/20/2018	3409.97	47.26	NM	NA	3362.71
MW074SA	9/12/2018	3409.97	47.40	NM	NA	3362.57
MW074SA	4/9/2019	3409.97	46.95	NM	NA	3363.02
MW074SA	10/7/2019	3409.97	46.94	NM	NA	3363.03
MW074SA	3/9/2020	3409.97	46.76	NM	NA	3363.21
MW074SA	3/9/2021	3409.97	46.99	NM	NA	3362.98
MW074SA	10/11/2021	3409.97	47.19	NM	NA	3362.78
MW074SA	2/16/2022	3409.97	47.53	NM	NA	3362.44
MW074SA	2/20/2023	3409.97	47.74	NM	NA	3362.23
MW075SA	2/18/2004	3404.21	54.19	NM	NA	3350.02
MW075SA	3/30/2004	3404.21	54.21	NM	NA	3350.00
MW075SA	6/7/2004	3404.21	54.11	NM	NA	3350.10
MW075SA	9/14/2004	3404.21	54.08	NM	NA	3350.13
MW075SA	11/29/2004	3404.21	54.04	NM	NA	3350.17
MW075SA	3/31/2005	3404.21	53.69	NM	NA	3350.52
MW075SA	5/23/2005	3404.21	53.49	NM	NA	3350.72
MW075SA	1/17/2006	3404.21	52.89	NM	NA	3351.32
MW075SA	6/15/2006	3404.21	52.44	NM	NA	3351.77
MW075SA	4/3/2007	3404.21	51.86	NM	NA	3352.35
MW075SA	9/5/2007	3404.21	51.38	NM	NA	3352.83
MW075SA	3/18/2008	3404.21	51.07	NM	NA	3353.14
MW075SA	8/4/2008	3404.21	50.91	NM	NA	3353.30
MW075SA	3/10/2009	3404.21	50.93	NM	NA	3353.28
MW075SA	7/28/2009	3404.21	50.80	NM	NA	3353.41
MW075SA	3/1/2010	3404.21	50.81	NM	NA	3353.40
MW075SA	7/30/2010	3404.21	50.71	NM	NA	3353.50
MW075SA	5/4/2011	3404.21	50.85	NM	NA	3353.36
MW075SA	11/2/2011	3404.21	51.00	NM	NA	3353.21
MW075SA	5/1/2012	3404.21	51.03	NM	NA	3353.18
MW075SA	10/23/2012	3404.21	51.01	NM	NA	3353.20
MW075SA	4/29/2013	3404.21	50.98	NM	NA	3353.23
MW075SA	10/28/2013	3404.21	51.10	NM	NA	3353.11
MW075SA	5/5/2014	3404.21	50.91	NM	NA	3353.30
MW075SA	11/3/2014	3404.21	50.93	NM	NA	3353.28
MW075SA	5/5/2015	3404.21	50.58	NM	NA	3353.63
MW075SA	11/2/2015	3404.21	50.45	NM	NA	3353.76
MW075SA	5/11/2016	3404.21	50.05	NM	NA	3354.16
MW075SA	9/14/2016	3404.21	50.00	NM	NA	3354.21
MW075SA	5/1/2017	3404.21	49.47	NM	NA	3354.74
MW075SA	9/14/2017	3404.21	49.24	NM	NA	3354.97
MW075SA	3/20/2018	3404.21	49.12	NM	NA	3355.09
MW075SA	9/11/2018	3404.21	49.03	NM	NA	3355.18
MW075SA	4/9/2019	3404.21	48.55	NM	NA	3355.66
MW075SA	10/7/2019	3404.21	48.43	NM	NA	3355.78
MW075SA	3/9/2020	3404.21	48.21	NM	NA	3356.00
MW075SA	9/23/2020	3404.21	48.17	NM	NA	3356.04
MW075SA	3/9/2021	3404.21	48.58	NM	NA	3355.63
MW075SA	10/11/2021	3404.21	48.79	NM	NA	3355.42
MW075SA	2/15/2022	3404.21	50.99	NM	NA	3353.22
MW075SA	10/11/2022	3404.21	49.34	NM	NA	3354.87
MW075SA	2/20/2023	3404.21	49.49	NM	NA	3354.72
MW075SA	10/02/2023	3404.21	49.54	NM	NA	3354.67
MW076SA	2/18/2004	3404.13	55.72	NM	NA	3348.41
MW076SA	3/29/2004	3404.13	55.77	NM	NA	3348.36
MW076SA	6/7/2004	3404.13	55.62	NM	NA	3348.51
MW076SA	9/14/2004	3404.13	55.64	NM	NA	3348.49
MW076SA	11/29/2004	3404.13	55.54	NM	NA	3348.59
MW076SA	3/31/2005	3404.13	55.17	NM	NA	3348.96
MW076SA	5/23/2005	3404.13	54.94	NM	NA	3349.19
MW076SA	1/17/2006	3404.13	54.39	NM	NA	3349.74
MW076SA	6/15/2006	3404.13	53.95	NM	NA	3350.18
MW076SA	4/3/2007	3404.13	53.01	NM	NA	3351.12
MW076SA	3/18/2008	3404.13	52.76	NM	NA	3351.37
MW076SA	8/4/2008	3404.13	52.60	NM	NA	3351.53
MW076SA	3/10/2009	3404.13	52.61	NM	NA	3351.52
MW076SA	7/28/2009	3404.13	52.45	NM	NA	3351.68

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW076SA	3/1/2010	3404.13	52.79	NM	NA	3351.34
MW076SA	7/30/2010	3404.13	52.40	NM	NA	3351.73
MW076SA	5/4/2011	3404.13	52.54	NM	NA	3351.59
MW076SA	11/2/2011	3404.13	52.72	NM	NA	3351.41
MW076SA	5/1/2012	3404.13	52.73	NM	NA	3351.40
MW076SA	10/23/2012	3404.13	52.65	NM	NA	3351.48
MW076SA	4/29/2013	3404.13	52.60	NM	NA	3351.53
MW076SA	10/28/2013	3404.13	52.76	NM	NA	3351.37
MW076SA	5/5/2014	3404.13	52.50	NM	NA	3351.63
MW076SA	11/3/2014	3404.13	52.48	NM	NA	3351.65
MW076SA	5/5/2015	3404.13	52.13	NM	NA	3352.00
MW076SA	11/2/2015	3404.13	52.00	NM	NA	3352.13
MW076SA	5/11/2016	3404.13	50.55	NM	NA	3353.58
MW076SA	9/14/2016	3404.13	51.58	NM	NA	3352.55
MW076SA	5/1/2017	3404.13	51.10	NM	NA	3353.03
MW076SA	9/14/2017	3404.13	50.86	NM	NA	3353.27
MW076SA	3/20/2018	3404.13	50.76	NM	NA	3353.37
MW076SA	9/11/2018	3404.13	50.69	NM	NA	3353.44
MW076SA	4/9/2019	3404.13	50.11	NM	NA	3354.02
MW076SA	10/7/2019	3404.13	50.04	NM	NA	3354.09
MW076SA	3/9/2020	3404.13	49.76	NM	NA	3354.37
MW076SA	3/9/2021	3404.13	50.28	NM	NA	3353.85
MW076SA	10/11/2021	3404.13	50.45	50.42	0.03	3353.70
MW076SA	2/15/2022	3404.13	50.99	NM	NA	3353.14
MW076SA	2/20/2023	3404.13	51.21	NM	NA	3352.92
MW077SA	2/18/2004	3401.71	53.71	NM	NA	3348.00
MW077SA	3/30/2004	3401.71	53.72	NM	NA	3347.99
MW077SA	6/7/2004	3401.71	53.49	NM	NA	3348.22
MW077SA	9/14/2004	3401.71	53.56	NM	NA	3348.15
MW077SA	3/31/2005	3401.71	52.99	NM	NA	3348.72
MW077SA	5/23/2005	3401.71	52.77	NM	NA	3348.94
MW077SA	1/17/2006	3401.71	57.13	NM	NA	3344.58
MW077SA	6/15/2006	3401.71	51.79	NM	NA	3349.92
MW077SA	4/11/2007	3401.71	51.34	NM	NA	3350.37
MW077SA	9/6/2007	3401.71	50.82	NM	NA	3350.89
MW077SA	3/19/2008	3401.71	50.62	NM	NA	3351.09
MW077SA	8/4/2008	3401.71	50.56	NM	NA	3351.15
MW077SA	3/11/2009	3401.71	50.71	NM	NA	3351.00
MW077SA	7/29/2009	3401.71	50.49	NM	NA	3351.22
MW077SA	3/1/2010	3401.71	50.53	NM	NA	3351.18
MW077SA	7/30/2010	3401.71	50.46	NM	NA	3351.25
MW077SA	5/4/2011	3401.71	50.63	NM	NA	3351.08
MW077SA	11/2/2011	3401.71	50.90	NM	NA	3350.81
MW077SA	5/1/2012	3401.71	50.89	NM	NA	3350.82
MW077SA	10/23/2012	3401.71	50.80	NM	NA	3350.91
MW077SA	4/29/2013	3401.71	50.74	NM	NA	3350.97
MW078SA	3/30/2004	3411.12	44.63	NM	NA	3366.49
MW078SA	6/7/2004	3411.12	45.45	NM	NA	3365.67
MW078SA	9/16/2004	3411.12	45.72	NM	NA	3365.40
MW078SA	11/29/2004	3411.12	45.18	NM	NA	3365.94
MW078SA	3/31/2005	3411.12	44.30	NM	NA	3366.82
MW078SA	5/23/2005	3411.12	44.08	NM	NA	3367.04
MW078SA	1/17/2006	3411.12	43.64	NM	NA	3367.48
MW078SA	6/16/2006	3411.12	43.97	NM	NA	3367.15
MW078SA	4/5/2007	3411.12	43.42	NM	NA	3367.70
MW078SA	9/6/2007	3411.12	43.47	NM	NA	3367.65
MW078SA	3/18/2008	3411.12	43.49	NM	NA	3367.63
MW078SA	8/4/2008	3411.12	44.70	NM	NA	3366.42
MW078SA	3/10/2009	3411.12	43.47	NM	NA	3367.65
MW078SA	7/28/2009	3411.12	44.50	NM	NA	3366.62
MW078SA	3/1/2010	3411.12	44.34	NM	NA	3366.78
MW078SA	7/30/2010	3411.12	44.40	NM	NA	3366.72
MW078SA	5/5/2011	3411.12	44.55	NM	NA	3366.57
MW078SA	11/3/2011	3411.12	45.06	NM	NA	3366.06
MW078SA	5/2/2012	3411.12	44.85	NM	NA	3366.27
MW078SA	10/23/2012	3411.12	45.18	NM	NA	3365.94
MW078SA	4/29/2013	3411.12	44.98	NM	NA	3366.14
MW078SA	10/29/2013	3411.12	45.45	NM	NA	3365.67
MW078SA	5/5/2014	3411.12	45.00	NM	NA	3366.12
MW078SA	11/3/2014	3411.12	45.13	NM	NA	3365.99

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW078SA	5/5/2015	3411.12	44.32	NM	NA	3366.80
MW078SA	11/3/2015	3411.12	44.52	NM	NA	3366.60
MW078SA	4/10/2019	3411.12	38.94	NM	NA	3372.18
MW078SA	3/9/2021	3411.12	NM	NM	NA	NM
MW078SA	10/11/2021	3411.12	DRY	NM	NA	DRY
MW078SA	2/18/2022	3411.12	NM	NM	NA	NM
MW078SA	10/12/2022	3411.12	--	NM	NA	NM
MW078SA	2/20/2023	3411.12	39.11	NM	NA	3372.01
MW079SA	3/30/2004	3408.8	48.78	NM	NA	3360.02
MW079SA	6/7/2004	3408.8	46.61	NM	NA	3362.19
MW079SA	9/14/2004	3408.8	48.73	NM	NA	3360.07
MW079SA	11/29/2004	3408.8	46.27	NM	NA	3362.53
MW079SA	5/15/2005	3408.8	46.52	NM	NA	3362.28
MW079SA	5/23/2005	3408.8	47.09	NM	NA	3361.71
MW079SA	1/17/2006	3408.8	46.31	NM	NA	3362.49
MW079SA	6/16/2006	3408.8	46.33	NM	NA	3362.47
MW079SA	3/28/2007	3408.8	45.81	NM	NA	3362.99
MW079SA	9/6/2007	3408.8	45.68	NM	NA	3363.12
MW079SA	3/21/2008	3408.8	45.54	NM	NA	3363.26
MW079SA	8/4/2008	3408.8	46.31	NM	NA	3362.49
MW079SA	3/11/2009	3408.8	46.03	NM	NA	3362.77
MW079SA	7/29/2009	3408.8	46.55	NM	NA	3362.25
MW079SA	3/1/2010	3408.8	46.61	NM	NA	3362.19
MW079SA	8/3/2010	3408.8	46.58	NM	NA	3362.22
MW079SA	5/5/2011	3408.8	46.74	NM	NA	3362.06
MW079SA	11/3/2011	3408.8	47.43	NM	NA	3361.37
MW079SA	5/2/2012	3408.8	47.15	NM	NA	3361.65
MW079SA	10/23/2012	3408.8	47.53	NM	NA	3361.27
MW079SA	4/29/2013	3408.8	47.25	NM	NA	3361.55
MW079SA	10/29/2013	3408.8	47.87	NM	NA	3360.93
MW079SA	5/5/2014	3408.8	47.25	NM	NA	3361.55
MW079SA	11/3/2014	3408.8	47.51	NM	NA	3361.29
MW079SA	11/3/2015	3408.8	46.71	NM	NA	3362.09
MW079SA	5/10/2016	3408.8	45.88	NM	NA	3362.92
MW079SA	9/22/2016	3408.8	46.35	NM	NA	3362.45
MW079SA	5/2/2017	3408.8	45.06	NM	NA	3363.74
MW079SA	9/14/2017	3408.8	45.24	NM	NA	3363.56
MW079SA	3/20/2018	3408.8	44.47	NM	NA	3364.33
MW079SA	9/12/2018	3408.8	44.97	NM	NA	3363.83
MW079SA	4/9/2019	3408.80	43.43	NM	NA	3365.37
MW079SA	10/7/2019	3408.80	44.61	NM	NA	3364.19
MW079SA	3/9/2020	3408.80	46.57	NM	NA	3362.23
MW079SA	3/8/2021	3408.80	45.46	NM	NA	3363.34
MW079SA	10/11/2021	3408.80	46.04	NM	NA	3362.76
MW079SA	2/17/2022	3408.80	46.1	NM	NA	3362.70
MW079SA	2/20/2023	3408.80	46.31	NM	NA	3362.49
MW080SA	3/30/2004	3408.92	48.82	NM	NA	3360.10
MW080SA	6/7/2004	3408.92	48.70	NM	NA	3360.22
MW080SA	9/14/2004	3408.92	48.81	NM	NA	3360.11
MW080SA	11/29/2004	3408.92	48.36	NM	NA	3360.56
MW080SA	3/16/2005	3408.92	47.56	NM	NA	3361.36
MW080SA	5/23/2005	3408.92	48.18	NM	NA	3360.74
MW080SA	1/17/2006	3408.92	46.42	NM	NA	3362.50
MW080SA	6/16/2006	3408.92	46.46	NM	NA	3362.46
MW080SA	3/28/2007	3408.92	45.85	NM	NA	3363.07
MW080SA	9/6/2007	3408.92	45.80	NM	NA	3363.12
MW080SA	3/21/2008	3408.92	45.70	NM	NA	3363.22
MW080SA	8/4/2008	3408.92	46.45	NM	NA	3362.47
MW080SA	3/11/2009	3408.92	45.70	NM	NA	3363.22
MW080SA	7/29/2009	3408.92	46.66	NM	NA	3362.26
MW080SA	3/1/2010	3408.92	46.62	NM	NA	3362.30
MW080SA	8/3/2010	3408.92	46.74	NM	NA	3362.18
MW080SA	5/5/2011	3408.92	46.84	NM	NA	3362.08
MW080SA	11/3/2011	3408.92	47.52	NM	NA	3361.40
MW080SA	5/2/2012	3408.92	47.25	NM	NA	3361.67
MW080SA	10/23/2012	3408.92	47.61	NM	NA	3361.31
MW080SA	4/29/2013	3408.92	47.32	NM	NA	3361.60
MW081SA	3/30/2004	3408.28	48.50	NM	NA	3359.78
MW081SA	6/7/2004	3408.28	46.80	NM	NA	3361.48
MW081SA	9/14/2004	3408.28	48.43	NM	NA	3359.85

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW081SA	11/29/2004	3408.28	47.99	NM	NA	3360.29
MW081SA	3/16/2005	3408.28	47.17	NM	NA	3361.11
MW081SA	5/23/2005	3408.28	47.12	NM	NA	3361.16
MW081SA	1/17/2006	3408.28	46.02	NM	NA	3362.26
MW081SA	6/16/2006	3408.28	46.02	NM	NA	3362.26
MW081SA	3/28/2007	3408.28	45.42	NM	NA	3362.86
MW081SA	9/6/2007	3408.28	45.34	NM	NA	3362.94
MW081SA	3/21/2008	3408.28	45.21	NM	NA	3363.07
MW081SA	8/4/2008	3408.28	45.98	NM	NA	3362.30
MW081SA	3/11/2009	3408.28	46.14	NM	NA	3362.14
MW081SA	7/29/2009	3408.28	46.23	NM	NA	3362.05
MW081SA	3/1/2010	3408.28	46.80	NM	NA	3361.48
MW081SA	8/3/2010	3408.28	46.62	NM	NA	3361.66
MW081SA	5/5/2011	3408.28	46.41	NM	NA	3361.87
MW081SA	11/3/2011	3408.28	47.13	NM	NA	3361.15
MW081SA	5/2/2012	3408.28	46.82	NM	NA	3361.46
MW081SA	10/23/2012	3408.28	47.21	NM	NA	3361.07
MW081SA	4/29/2013	3408.28	46.91	NM	NA	3361.37
MW082SA	3/30/2004	3406.25	55.46	NM	NA	3350.79
MW082SA	6/7/2004	3406.25	55.35	NM	NA	3350.90
MW082SA	9/14/2004	3406.25	55.22	NM	NA	3351.03
MW082SA	11/29/2004	3406.25	55.19	NM	NA	3351.06
MW082SA	3/1/2005	3406.25	54.81	NM	NA	3351.44
MW082SA	5/23/2005	3406.25	54.66	NM	NA	3351.59
MW082SA	1/17/2006	3406.25	54.00	NM	NA	3352.25
MW082SA	6/14/2006	3406.25	53.61	NM	NA	3352.64
MW082SA	3/22/2007	3406.25	52.94	NM	NA	3353.31
MW082SA	9/5/2007	3406.25	52.43	NM	NA	3353.82
MW082SA	3/19/2008	3406.25	52.12	NM	NA	3354.13
MW082SA	8/4/2008	3406.25	52.03	NM	NA	3354.22
MW082SA	3/11/2009	3406.25	52.09	NM	NA	3354.16
MW082SA	7/29/2009	3406.25	51.97	NM	NA	3354.28
MW082SA	3/1/2010	3406.25	51.97	NM	NA	3354.28
MW082SA	7/30/2010	3406.25	51.91	NM	NA	3354.34
MW082SA	5/4/2011	3406.25	52.03	NM	NA	3354.22
MW082SA	11/2/2011	3406.25	52.25	NM	NA	3354.00
MW082SA	5/2/2012	3406.25	52.27	NM	NA	3353.98
MW082SA	10/23/2012	3406.25	52.30	NM	NA	3353.95
MW082SA	4/29/2013	3406.25	52.27	NM	NA	3353.98
MW083SA	3/30/2004	3406.11	55.33	NM	NA	3350.78
MW083SA	6/7/2004	3406.11	55.22	NM	NA	3350.89
MW083SA	9/14/2004	3406.11	54.18	NM	NA	3351.93
MW083SA	11/29/2004	3406.11	55.19	NM	NA	3350.92
MW083SA	3/1/2005	3406.11	54.85	NM	NA	3351.26
MW083SA	5/23/2005	3406.11	54.58	NM	NA	3351.53
MW083SA	1/17/2006	3406.11	53.93	NM	NA	3352.18
MW083SA	6/14/2006	3406.11	53.51	NM	NA	3352.60
MW083SA	3/22/2007	3406.11	52.83	NM	NA	3353.28
MW083SA	9/5/2007	3406.11	52.34	NM	NA	3353.77
MW083SA	3/19/2008	3406.11	52.04	NM	NA	3354.07
MW083SA	8/4/2008	3406.11	51.94	NM	NA	3354.17
MW083SA	3/11/2009	3406.11	52.00	NM	NA	3354.11
MW083SA	7/29/2009	3406.11	51.91	NM	NA	3354.20
MW083SA	3/1/2010	3406.11	51.89	NM	NA	3354.22
MW083SA	7/30/2010	3406.11	51.82	NM	NA	3354.29
MW083SA	5/4/2011	3406.11	57.95	NM	NA	3348.16
MW083SA	11/2/2011	3406.11	52.16	NM	NA	3353.95
MW083SA	5/2/2012	3406.11	52.17	NM	NA	3353.94
MW083SA	10/23/2012	3406.11	52.20	NM	NA	3353.91
MW083SA	4/29/2013	3406.11	52.18	NM	NA	3353.93
MW083SA	10/28/2013	3406.11	52.42	NM	NA	3353.69
MW083SA	5/5/2014	3406.11	52.11	NM	NA	3354.00
MW083SA	11/3/2014	3406.11	52.15	NM	NA	3353.96
MW083SA	5/5/2015	3406.11	51.76	NM	NA	3354.35
MW083SA	11/2/2015	3406.11	51.65	NM	NA	3354.46
MW083SA	5/11/2016	3406.11	51.21	NM	NA	3354.90
MW083SA	9/14/2016	3406.11	51.20	NM	NA	3354.91
MW083SA	5/1/2017	3406.11	50.53	NM	NA	3355.58
MW083SA	2/20/2023	3406.11	44.16	NM	NA	3361.95
MW084SA	3/30/2004	3405.98	54.83	NM	NA	3351.15

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Appendix C
Historical Groundwater Elevations
2023 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW084SA	6/7/2004	3405.98	54.78	NM	NA	3351.20
MW084SA	9/14/2004	3405.98	54.70	NM	NA	3351.28
MW084SA	11/29/2004	3405.98	54.61	NM	NA	3351.37
MW084SA	3/24/2005	3405.98	54.27	NM	NA	3351.71
MW084SA	5/23/2005	3405.98	54.09	NM	NA	3351.89
MW084SA	1/17/2006	3405.98	53.45	NM	NA	3352.53
MW084SA	6/14/2006	3405.98	53.02	NM	NA	3352.96
MW084SA	9/5/2007	3405.98	51.86	NM	NA	3354.12
MW084SA	3/19/2008	3405.98	51.55	NM	NA	3354.43
MW084SA	8/4/2008	3405.98	51.47	NM	NA	3354.51
MW084SA	3/11/2009	3405.98	51.50	NM	NA	3354.48
MW084SA	7/29/2009	3405.98	51.40	NM	NA	3354.58
MW084SA	3/1/2010	3405.98	51.52	NM	NA	3354.46
MW084SA	7/30/2010	3405.98	51.32	NM	NA	3354.66
MW084SA	5/4/2011	3405.98	54.45	NM	NA	3351.53
MW084SA	11/2/2011	3405.98	51.65	NM	NA	3354.33
MW084SA	5/2/2012	3405.98	51.65	NM	NA	3354.33
MW084SA	10/23/2012	3405.98	51.71	NM	NA	3354.27
MW084SA	4/29/2013	3405.98	51.70	NM	NA	3354.28
MW084SA	10/28/2013	3405.98	51.86	NM	NA	3354.12
MW084SA	5/5/2014	3405.98	51.63	NM	NA	3354.35
MW084SA	11/3/2014	3405.98	51.68	NM	NA	3354.30
MW084SA	5/5/2015	3405.98	51.28	NM	NA	3354.70
MW084SA	11/2/2015	3405.98	51.16	NM	NA	3354.82
MW084SA	5/11/2016	3405.98	50.76	NM	NA	3355.22
MW084SA	9/14/2016	3405.98	50.70	NM	NA	3355.28
MW084SA	5/1/2017	3405.98	50.08	NM	NA	3355.90
MW084SA	9/14/2017	3405.98	49.89	NM	NA	3356.09
MW084SA	3/20/2018	3405.98	49.72	NM	NA	3356.26
MW084SA	9/10/2018	3405.98	50.05	NM	NA	3355.93
MW084SA	4/9/2019	3405.98	49.21	NM	NA	3356.77
MW084SA	10/7/2019	3405.98	49.09	NM	NA	3356.89
MW084SA	3/9/2020	3405.98	48.87	NM	NA	3357.11
MW084SA	9/23/2020	3405.98	48.87	NM	NA	3357.11
MW084SA	3/9/2021	3405.98	49.28	NM	NA	3356.70
MW084SA	10/11/2021	3405.98	49.44	NM	NA	3356.54
MW084SA	2/15/2022	3405.98	49.90	NM	NA	3356.08
MW084SA	10/11/2022	3405.98	50.07	NM	NA	3355.91
MW084SA	2/20/2023	3405.98	50.22	NM	NA	3355.76
MW084SA	10/02/2023	3405.98	50.30	NM	NA	3355.68
MW085SA	3/30/2004	3405.98	55.24	NM	NA	3350.74
MW085SA	6/7/2004	3405.98	55.08	NM	NA	3350.90
MW085SA	9/14/2004	3405.98	55.08	NM	NA	3350.90
MW085SA	11/29/2004	3405.98	54.98	NM	NA	3351.00
MW085SA	3/24/2005	3405.98	54.66	NM	NA	3351.32
MW085SA	5/23/2005	3405.98	54.44	NM	NA	3351.54
MW085SA	1/17/2006	3405.98	53.82	NM	NA	3352.16
MW085SA	6/14/2006	3405.98	53.40	NM	NA	3352.58
MW085SA	9/5/2007	3405.98	52.24	NM	NA	3353.74
MW085SA	3/19/2008	3405.98	51.92	NM	NA	3354.06
MW085SA	8/4/2008	3405.98	51.84	NM	NA	3354.14
MW085SA	3/11/2009	3405.98	51.90	NM	NA	3354.08
MW085SA	7/29/2009	3405.98	51.79	NM	NA	3354.19
MW085SA	3/1/2010	3405.98	51.89	NM	NA	3354.09
MW085SA	7/30/2010	3405.98	51.71	NM	NA	3354.27
MW085SA	5/4/2011	3405.98	51.82	NM	NA	3354.16
MW085SA	11/2/2011	3405.98	52.05	NM	NA	3353.93
MW085SA	5/2/2012	3405.98	52.04	NM	NA	3353.94
MW085SA	10/23/2012	3405.98	52.10	NM	NA	3353.88
MW085SA	4/29/2013	3405.98	52.07	NM	NA	3353.91
MW085SA	10/28/2013	3405.98	52.32	NM	NA	3353.66
MW085SA	5/5/2014	3405.98	52.00	NM	NA	3353.98
MW085SA	11/3/2014	3405.98	52.04	NM	NA	3353.94
MW085SA	5/5/2015	3405.98	51.64	NM	NA	3354.34
MW085SA	11/2/2015	3405.98	51.35	NM	NA	3354.63
MW085SA	5/11/2016	3405.98	51.10	NM	NA	3354.88
MW085SA	9/14/2016	3405.98	51.06	NM	NA	3354.92
MW085SA	5/1/2017	3405.98	50.44	NM	NA	3355.54
MW085SA	9/14/2017	3405.98	50.24	NM	NA	3355.74
MW085SA	3/20/2018	3405.98	50.07	NM	NA	3355.91

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Appendix C
Historical Groundwater Elevations
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Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW085SA	9/10/2018	3405.98	50.05	NM	NA	3355.93
MW085SA	4/9/2019	3405.98	49.53	NM	NA	3356.45
MW085SA	10/7/2019	3405.98	49.42	NM	NA	3356.56
MW085SA	3/9/2020	3405.98	49.19	NM	NA	3356.79
MW085SA	9/23/2020	3405.98	49.22	NM	NA	3356.76
MW085SA	3/9/2021	3405.98	49.67	NM	NA	3356.31
MW085SA	10/11/2021	3405.98	49.81	NM	NA	3356.17
MW085SA	2/16/2022	3405.98	50.34	NM	NA	3355.64
MW085SA	10/11/2022	3405.98	50.47	NM	NA	3355.51
MW085SA	2/20/2023	3405.98	50.63	NM	NA	3355.35
MW085SA	10/02/2023	3405.98	50.70	NM	NA	3355.28
MW086SA	9/14/2004	3401.86	53.74	NM	NA	3348.12
MW086SA	3/31/2005	3401.86	53.08	NM	NA	3348.78
MW086SA	5/23/2005	3401.86	52.83	NM	NA	3349.03
MW086SA	1/17/2006	3401.86	52.18	NM	NA	3349.68
MW086SA	6/15/2006	3401.86	51.86	NM	NA	3350.00
MW086SA	4/11/2007	3401.86	51.38	NM	NA	3350.48
MW086SA	9/20/2007	3401.86	50.87	NM	NA	3350.99
MW086SA	3/19/2008	3401.86	50.71	NM	NA	3351.15
MW086SA	8/4/2008	3401.86	50.72	NM	NA	3351.14
MW086SA	3/11/2009	3401.86	50.91	NM	NA	3350.95
MW086SA	7/29/2009	3401.86	50.67	NM	NA	3351.19
MW086SA	3/1/2010	3401.86	50.74	NM	NA	3351.12
MW086SA	7/30/2010	3401.86	50.64	NM	NA	3351.22
MW086SA	5/4/2011	3401.86	50.92	NM	NA	3350.94
MW086SA	11/3/2011	3401.86	21.20	NM	NA	3380.66
MW086SA	5/1/2012	3401.86	51.16	NM	NA	3350.70
MW086SA	10/23/2012	3401.86	51.09	NM	NA	3350.77
MW086SA	4/29/2013	3401.86	51.01	NM	NA	3350.85
MW086SA	10/28/2013	3401.86	51.15	NM	NA	3350.71
MW086SA	5/5/2014	3401.86	50.81	NM	NA	3351.05
MW086SA	11/3/2014	3401.86	50.86	NM	NA	3351.00
MW086SA	5/5/2015	3401.86	50.29	NM	NA	3351.57
MW086SA	11/2/2015	3401.86	50.36	NM	NA	3351.50
MW086SA	5/11/2016	3401.86	49.68	NM	NA	3352.18
MW086SA	9/14/2016	3401.86	49.79	NM	NA	3352.07
MW086SA	5/1/2017	3401.86	49.25	NM	NA	3352.61
MW086SA	3/20/2018	3401.86	48.93	NM	NA	3352.93
MW086SA	9/11/2018	3401.86	49.73	NM	NA	3352.13
MW086SA**	9/18/2017	3401.86	66.76	NM	NA	3335.10
MW086SA	4/9/2019	3401.86	48.08	NM	NA	3353.78
MW086SA	10/7/2019	3401.86	48.17	NM	NA	3353.69
MW086SA	3/9/2020	3401.86	47.81	NM	NA	3354.05
MW086SA	9/24/2020	3401.86	48.35	NM	NA	3353.51
MW086SA	3/10/2021	3401.86	48.64	NM	NA	3353.22
MW086SA	10/11/2021	3401.86	48.92	NM	NA	3352.94
MW086SA	2/15/2022	3401.86	49.46	NM	NA	3352.40
MW086SA	10/11/2022	3401.86	49.58	NM	NA	3352.28
MW086SA	2/20/2023	3401.86	49.78	NM	NA	3352.08
MW086SA	10/02/2023	3401.86	49.75	NM	NA	3352.11
MW087A	9/24/2004	3430.75	50.05	NM	NA	3380.70
MW087A	3/31/2005	3430.75	50.85	NM	NA	3379.90
MW087A	5/23/2005	3430.75	50.74	NM	NA	3380.01
MW087A	1/17/2006	3430.75	50.15	NM	NA	3380.60
MW087A	6/19/2006	3430.75	49.95	NM	NA	3380.80
MW087A	4/13/2007	3430.75	49.41	NM	NA	3381.34
MW087A	3/24/2008	3430.75	49.51	NM	NA	3381.24
MW087A	3/11/2009	3430.75	49.84	NM	NA	3380.91
MW087A	3/1/2010	3430.75	50.13	NM	NA	3380.62
MW087A	8/3/2010	3430.75	50.17	NM	NA	3380.58
MW087A	5/4/2011	3430.75	49.94	NM	NA	3380.81
MW087A	11/4/2011	3430.75	49.89	NM	NA	3380.86
MW087A	5/4/2012	3430.75	50.21	NM	NA	3380.54
MW087A	10/23/2012	3430.75	50.42	NM	NA	3380.33
MW087A	5/2/2013	3430.75	50.60	NM	NA	3380.15
MW087A	10/28/2013	3430.75	50.63	NM	NA	3380.12
MW087A	5/5/2014	3430.75	50.68	NM	NA	3380.07
MW087A	11/4/2014	3430.75	50.42	NM	NA	3380.33
MW087A	5/6/2015	3430.75	50.12	NM	NA	3380.63
MW087A	9/16/2015	3430.75	49.86	NM	NA	3380.89

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Former Eunice North Gas Plant
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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW087A	11/2/2015	3430.75	50.03	NM	NA	3380.72
MW087A	5/12/2016	3430.75	50.00	NM	NA	3380.75
MW087A	5/3/2017	3430.75	49.37	NM	NA	3381.38
MW087A	3/20/2018	3430.75	49.09	NM	NA	3381.66
MW087A	4/10/2019	3430.75	48.97	NM	NA	3381.78
MW087A	3/9/2020	3430.75	49.21	NM	NA	3381.54
MW087A	3/8/2021	3430.75	49.06	NM	NA	3381.69
MW087A	10/11/2021	3430.75	49.1	NM	NA	3381.65
MW087A	2/15/2022	3430.75	49.2	NM	NA	3381.55
MW087A	2/21/2023	3430.75	49.55	NM	NA	3381.20
MW088M	9/24/2004	3430.63	50.65	NM	NA	3379.98
MW088M	3/31/2005	3430.63	50.61	NM	NA	3380.02
MW088M	5/23/2005	3430.63	50.25	NM	NA	3380.38
MW088M	1/16/2006	3430.63	49.90	NM	NA	3380.73
MW088M	6/19/2006	3430.63	49.67	NM	NA	3380.96
MW088M	4/5/2007	3430.63	49.25	NM	NA	3381.38
MW088M	3/21/2008	3430.63	49.00	NM	NA	3381.63
MW088M	3/11/2009	3430.63	49.30	NM	NA	3381.33
MW088M	3/1/2010	3430.63	49.52	NM	NA	3381.11
MW088M	8/3/2010	3430.63	48.77	NM	NA	3381.86
MW088M	5/3/2011	3430.63	49.60	NM	NA	3381.03
MW088M	11/2/2011	3430.27	49.57	NM	NA	3380.70
MW088M	5/3/2012	3430.27	49.72	NM	NA	3380.55
MW088M	10/24/2012	3430.27	49.81	NM	NA	3380.46
MW088M	5/1/2013	3430.27	49.94	NM	NA	3380.33
MW088M	10/29/2013	3430.27	50.01	NM	NA	3380.26
MW088M	5/5/2014	3430.27	50.08	NM	NA	3380.19
MW088M	5/6/2015	3430.27	49.64	NM	NA	3380.63
MW088M	9/16/2015	3430.27	49.41	NM	NA	3380.86
MW088M	11/3/2015	3430.27	49.53	NM	NA	3380.74
MW088M	5/9/2016	3430.27	49.37	NM	NA	3380.90
MW088M	5/2/2017	3430.27	48.92	NM	NA	3381.35
MW088M	9/18/2017	3430.27	48.78	NM	NA	3381.49
MW088M**	3/20/2018	3430.27	43.64	NM	NA	3386.63
MW088M	9/13/2018	3430.27	48.58	NM	NA	3381.69
MW088M	4/10/2019	3430.27	48.34	NM	NA	3381.93
MW088M	10/7/2019	3430.27	48.55	NM	NA	3381.72
MW088M	3/9/2020	3430.27	49.61	NM	NA	3380.66
MW088M	3/8/2021	3430.27	48.46	NM	NA	3381.81
MW088M	10/11/2021	3430.27	48.45	NM	NA	3381.82
MW088M	2/14/2022	3430.27	48.55	NM	NA	3381.72
MW088M	2/21/2023	3430.27	48.93	NM	NA	3381.34
MW089SA	1/17/2006	3428.09	48.30	NM	NA	3379.79
MW089SA	6/20/2006	3428.09	48.10	NM	NA	3379.99
MW089SA	4/5/2007	3428.09	47.87	NM	NA	3380.22
MW089SA	3/21/2008	3428.09	47.79	NM	NA	3380.30
MW089SA	3/11/2009	3428.09	48.30	NM	NA	3379.79
MW089SA	3/1/2010	3428.09	48.54	NM	NA	3379.55
MW089SA	8/2/2010	3428.09	48.54	NM	NA	3379.55
MW089SA	5/4/2011	3428.09	48.45	NM	NA	3379.64
MW089SA	11/4/2011	3428.09	48.61	NM	NA	3379.48
MW089SA	5/3/2012	3428.09	48.77	NM	NA	3379.32
MW089SA	10/23/2012	3428.09	48.99	NM	NA	3379.10
MW089SA	5/1/2013	3428.09	49.19	NM	NA	3378.90
MW089SA	10/29/2013	3428.09	49.35	NM	NA	3378.74
MW089SA	5/5/2014	3428.09	49.41	NM	NA	3378.68
MW089SA	11/3/2014	3428.09	48.90	NM	NA	3379.19
MW089SA	5/5/2015	3428.09	48.60	NM	NA	3379.49
MW089SA	11/2/2015	3428.09	48.60	NM	NA	3379.49
MW089SA	5/12/2016	3428.09	48.42	NM	NA	3379.67
MW089SA	9/14/2016	3428.09	48.37	NM	NA	3379.72
MW089SA	5/2/2017	3428.09	47.75	NM	NA	3380.34
MW089SA	9/18/2017	3428.09	47.64	NM	NA	3380.45
MW089SA	3/21/2018	3428.09	47.42	NM	NA	3380.67
MW089SA	9/14/2018	3428.09	47.64	NM	NA	3380.45
MW089SA	4/10/2019	3428.09	47.27	NM	NA	3380.82
MW089SA	10/7/2019	3428.09	47.57	NM	NA	3380.52
MW089SA	3/9/2020	3428.09	48.12	NM	NA	3379.97
MW089SA	3/8/2021	3428.09	47.26	NM	NA	3380.83
MW089SA	2/21/2022	3428.09	47.84	NM	NA	3380.25

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW090SA	1/18/2006	3428.33	48.76	NM	NA	3379.57
MW090SA	6/20/2006	3428.33	48.57	NM	NA	3379.76
MW090SA	4/5/2007	3428.33	48.42	NM	NA	3379.91
MW090SA	3/21/2008	3428.33	48.29	NM	NA	3380.04
MW090SA	3/11/2009	3428.33	48.79	NM	NA	3379.54
MW090SA	7/29/2009	3428.33	48.98	NM	NA	3379.35
MW090SA	3/1/2010	3428.33	49.00	NM	NA	3379.33
MW090SA	8/2/2010	3428.33	49.02	NM	NA	3379.31
MW090SA	5/4/2011	3428.33	48.90	NM	NA	3379.43
MW090SA	11/4/2011	3428.33	49.11	NM	NA	3379.22
MW090SA	5/3/2012	3428.33	49.26	NM	NA	3379.07
MW090SA	10/23/2012	3428.33	49.51	NM	NA	3378.82
MW090SA	5/1/2013	3428.33	49.67	NM	NA	3378.66
MW090SA	10/29/2013	3428.33	49.90	NM	NA	3378.43
MW090SA	5/5/2014	3428.33	49.91	NM	NA	3378.42
MW090SA	11/3/2014	3428.33	49.43	NM	NA	3378.90
MW090SA	5/5/2015	3428.33	49.61	NM	NA	3378.72
MW090SA	11/2/2015	3428.33	49.14	NM	NA	3379.19
MW090SA	5/12/2016	3428.33	48.94	NM	NA	3379.39
MW090SA	9/14/2016	3428.33	48.87	NM	NA	3379.46
MW090SA	5/2/2017	3428.33	48.25	NM	NA	3380.08
MW090SA	3/21/2018	3428.33	47.96	NM	NA	3380.37
MW090SA	4/10/2019	3428.33	47.78	NM	NA	3380.55
MW090SA	10/7/2019	3428.33	48.09	NM	NA	3380.24
MW090SA	3/9/2020	3428.33	47.62	NM	NA	3380.71
MW090SA	3/8/2021	3428.33	47.79	NM	NA	3380.54
MW090SA	2/21/2022	3428.33	48.17	NM	NA	3380.16
MW091SA	1/17/2006	3422.45	43.90	NM	NA	3378.55
MW091SA	6/20/2006	3422.45	43.86	NM	NA	3378.59
MW091SA	4/5/2007	3422.45	43.37	NM	NA	3379.08
MW091SA	3/19/2008	3422.45	43.33	NM	NA	3379.12
MW091SA	3/11/2009	3422.45	43.84	NM	NA	3378.61
MW091SA	3/1/2010	3422.45	43.90	NM	NA	3378.55
MW091SA	8/2/2010	3422.45	43.93	NM	NA	3378.52
MW091SA	5/4/2011	3422.45	43.85	NM	NA	3378.60
MW091SA	11/4/2011	3422.45	44.15	NM	NA	3378.30
MW091SA	5/2/2012	3422.45	44.15	NM	NA	3378.30
MW091SA	10/24/2012	3422.45	44.50	NM	NA	3377.95
MW091SA	4/30/2013	3422.45	44.70	NM	NA	3377.75
MW091SA	10/28/2013	3422.45	45.10	NM	NA	3377.35
MW091SA	5/5/2014	3422.45	45.01	NM	NA	3377.44
MW091SA	11/3/2014	3422.45	44.45	NM	NA	3378.00
MW091SA	5/5/2015	3422.45	44.19	NM	NA	3378.26
MW091SA	11/2/2015	3422.45	44.25	NM	NA	3378.20
MW091SA	5/11/2016	3422.45	44.02	NM	NA	3378.43
MW091SA	9/15/2016	3422.45	43.93	NM	NA	3378.52
MW091SA	5/1/2017	3422.45	43.28	NM	NA	3379.17
MW091SA	3/9/2020	NM	43.23	NM	NA	NM
MW091SA	3/8/2021	NM	NM	NM	NA	NM
MW092SA	1/17/2006	3422.51	43.94	NM	NA	3378.57
MW092SA	6/20/2006	3422.51	43.62	NM	NA	3378.89
MW092SA	4/5/2007	3422.51	43.50	NM	NA	3379.01
MW092SA	3/19/2008	3422.51	43.38	NM	NA	3379.13
MW092SA	3/11/2009	3422.51	43.89	NM	NA	3378.62
MW092SA	3/1/2010	3422.51	43.92	NM	NA	3378.59
MW092SA	8/2/2010	3422.51	43.94	NM	NA	3378.57
MW092SA	5/4/2011	3422.51	43.91	NM	NA	3378.60
MW092SA	11/4/2011	3422.51	44.17	NM	NA	3378.34
MW092SA	5/2/2012	3422.51	44.16	NM	NA	3378.35
MW092SA	10/24/2012	3422.51	44.54	NM	NA	3377.97
MW092SA	4/30/2013	3422.51	44.74	NM	NA	3377.77
MW093SA	1/17/2006	3422.72	44.13	NM	NA	3378.59
MW093SA	6/20/2006	3422.72	43.60	NM	NA	3379.12
MW093SA	4/5/2007	3422.72	43.56	NM	NA	3379.16
MW093SA	3/24/2008	3422.72	43.55	NM	NA	3379.17
MW093SA	3/11/2009	3422.72	44.12	NM	NA	3378.60
MW093SA	3/1/2010	3422.72	44.13	NM	NA	3378.59
MW093SA	8/2/2010	3422.72	44.70	NM	NA	3378.02
MW093SA	5/4/2011	3422.72	44.14	NM	NA	3378.58
MW093SA	11/4/2011	3422.72	44.42	NM	NA	3378.30

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW093SA	5/2/2012	3422.72	44.43	NM	NA	3378.29
MW093SA	10/24/2012	3422.72	44.78	NM	NA	3377.94
MW093SA	4/30/2013	3422.72	45.00	NM	NA	3377.72
MW093SA	10/28/2013	3422.72	45.30	NM	NA	3377.42
MW093SA	5/5/2014	3422.72	45.31	NM	NA	3377.41
MW093SA	11/3/2014	3422.72	44.79	NM	NA	3377.93
MW093SA	5/5/2015	3422.72	44.59	NM	NA	3378.13
MW093SA	11/2/2015	3422.72	44.58	NM	NA	3378.14
MW093SA	5/11/2016	3422.72	44.38	NM	NA	3378.34
MW093SA	9/15/2016	3422.72	44.23	NM	NA	3378.49
MW093SA	5/1/2017	3422.72	43.61	NM	NA	3379.11
MW093SA	9/18/2017	3422.72	43.65	NM	NA	3379.07
MW093SA	3/21/2018	3422.72	43.48	NM	NA	3379.24
MW093SA	9/10/2018	3422.72	43.66	NM	NA	3379.06
MW093SA	4/10/2019	3422.72	43.22	NM	NA	3379.50
MW093SA	10/7/2019	3422.72	43.82	NM	NA	3378.90
MW093SA	3/9/2020	3422.72	43.54	NM	NA	3379.18
MW093SA	9/23/2020	3422.72	43.49	NM	NA	3379.23
MW093SA	3/9/2021	3422.72	43.23	NM	NA	3379.49
MW093SA	10/11/2021	3422.72	45.13	NM	NA	3377.59
MW093SA	2/18/2022	3422.72	43.80	NM	NA	3378.92
MW093SA	10/12/2022	3422.72	44.01	NM	NA	3378.71
MW093SA	2/20/2023	3422.72	44.66	NM	NA	3378.06
MW094	11/1/2011	3443.15	61.82	NM	NA	3381.33
MW094	5/1/2012	3443.15	61.99	NM	NA	3381.16
MW094	10/24/2012	3443.15	62.03	NM	NA	3381.12
MW094	4/30/2013	3443.15	62.13	NM	NA	3381.02
MW094	10/28/2013	3443.15	62.07	NM	NA	3381.08
MW094	5/5/2014	3443.15	62.26	NM	NA	3380.89
MW094	11/3/2014	3443.15	62.18	NM	NA	3380.97
MW094	5/6/2015	3443.15	62.03	NM	NA	3381.12
MW094	11/3/2015	3443.15	61.95	NM	NA	3381.20
MW094	5/9/2016	3443.15	61.92	NM	NA	3381.23
MW094	9/22/2016	3443.15	62.02	NM	NA	3381.13
MW094	5/2/2017	3443.15	61.62	NM	NA	3381.53
MW094	3/21/2018	3443.15	61.43	NM	NA	3381.72
MW094	4/10/2019	3443.15	61.10	NM	NA	3382.05
MW094	3/9/2020	3443.15	61.27	NM	NA	3381.88
MW094	3/11/2021	3443.15	61.64	NM	NA	3381.51
MW094	10/11/2021	3443.15	61.17	NM	NA	3381.98
MW094	2/16/2022	3443.15	66.59	NM	NA	3376.56
MW094	2/20/2023	3443.15	61.60	NM	NA	3381.55
MW095	11/1/2011	3436.13	55.05	NM	NA	3381.08
MW095	5/1/2012	3436.13	55.13	NM	NA	3381.00
MW095	10/24/2012	3436.13	55.17	NM	NA	3380.96
MW095	5/1/2013	3436.13	55.38	NM	NA	3380.75
MW095	10/29/2013	3436.13	55.52	NM	NA	3380.61
MW095	5/5/2014	3436.13	55.50	NM	NA	3380.63
MW095	11/6/2014	3436.13	55.52	NM	NA	3380.61
MW095	5/6/2015	3436.13	55.21	NM	NA	3380.92
MW095	11/3/2015	3436.13	55.13	NM	NA	3381.00
MW095	5/9/2016	3436.13	55.00	NM	NA	3381.13
MW095	9/22/2016	3436.13	55.08	NM	NA	3381.05
MW095	5/2/2017	3436.13	54.68	NM	NA	3381.45
MW095	3/20/2018	3436.13	54.44	NM	NA	3381.69
MW095	9/13/2018	3436.13	54.4	NM	NA	3381.73
MW095	4/10/2019	3436.13	54.19	NM	NA	3381.94
MW095	10/7/2019	3436.13	54.29	NM	NA	3381.84
MW095	3/9/2020	3436.13	54.35	NM	NA	3381.78
MW095	9/23/2020	3436.13	54.1	NM	NA	3382.03
MW095	3/11/2021	3436.13	54.19	NM	NA	3381.94
MW095	10/11/2021	3436.13	54.15	NM	NA	3381.98
MW095	2/14/2022	3436.13	NM	NM	NA	NM
MW095	10/11/2022	3436.13	54.46	NM	NA	3381.67
MW095	2/20/2023	3436.13	54.56	NM	NA	3381.57
MW095	10/02/2023	3436.13	43.03	NM	NA	3393.10
MW096P	5/5/2014	NM	49.80	NM	NA	NM
MW096P	11/3/2014	NM	49.30	NM	NA	NM
MW096P	5/6/2015	NM	49.10	NM	NA	NM
MW096P	11/3/2015	NM	49.11	NM	NA	NM

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
MW096P	5/12/2016	NM	48.91	NM	NA	NM
MW096P	9/21/2016	NM	48.70	NM	NA	NM
MW096P	5/3/2017	NM	48.24	NM	NA	NM
MW097P	5/5/2014	NM	48.26	NM	NA	NM
MW097P	11/4/2014	NM	47.70	NM	NA	NM
MW097P	5/6/2015	NM	47.61	NM	NA	NM
MW097P	11/2/2015	NM	47.54	NM	NA	NM
MW097P	5/12/2016	NM	48.91	NM	NA	NM
MW097P	9/21/2016	NM	47.23	NM	NA	NM
MW097P	5/3/2017	NM	46.71	NM	NA	NM
MW097P	3/20/2018	NM	46.45	NM	NA	NM
MW097P	4/10/2019	NM	46.3	NM	NA	NM
MW097P	3/9/2020	NM	46.66	NM	NA	NM
MW097P	3/8/2021	NM	46.44	NM	NA	NM
MW097P	2/14/2022	NM	46.55	NM	NA	NM
MW097P	2/21/2023	NM	47.18	NM	NA	NM
MW099	5/2/2017	3444.76	62.73	NM	NA	3382.03
MW099	9/18/2017	3444.76	62.68	NM	NA	3382.08
MW099	3/21/2018	3444.76	62.59	NM	NA	3382.17
MW099	9/13/2018	3444.76	62.9	NM	NA	3381.86
MW099	4/10/2019	3444.76	DRY	NM	NA	NM
MW099	10/7/2019	3444.76	62.37	NM	NA	3382.39
MW099	3/9/2020	3444.76	58.92	NM	NA	3385.84
MW099	3/11/2021	3444.76	62.22	NM	NA	3382.54
MW099	10/11/2021	3444.76	62.16	NM	NA	3382.60
MW099	2/21/2022	3444.76	62.54	NM	NA	3382.22
MW099	2/20/2023	3444.76	62.25	NM	NA	3382.51
MW100	5/3/2017	3406.49	52.66	NM	NA	3353.83
MW100	9/14/2017	3406.49	52.44	NM	NA	3354.05
MW100	3/21/2018	3406.49	52.32	NM	NA	3354.17
MW100	9/10/2018	3406.49	52.28	NM	NA	3354.21
MW100	4/9/2019	3406.49	51.72	NM	NA	3354.77
MW100	10/7/2019	3406.49	51.71	NM	NA	3354.78
MW100	3/9/2020	3406.49	51.56	NM	NA	3354.93
MW100	9/23/2020	3406.49	51.44	NM	NA	3355.05
MW100	3/10/2021	3406.49	51.86	NM	NA	3354.63
MW100	10/11/2021	3406.49	51.92	NM	NA	3354.57
MW100	2/15/2022	3406.49	52.38	NM	NA	3354.11
MW100	10/11/2022	3406.49	52.47	NM	NA	3354.02
MW100	2/20/2023	3406.49	52.71	NM	NA	3353.78
MW100	10/02/2023	3406.49	52.75	NM	NA	3353.74
RolandWW	12/18/1997	3419.47	43.12	NM	NA	3376.35
RolandWW	11/16/1999	3419.47	41.58	NM	NA	3377.89
RolandWW	05/15/2001	3419.47	41.06	NM	NA	3378.41
RolandWW	08/23/2001	3419.47	40.92	NM	NA	3378.55
RolandWW	01/21/2002	3419.47	41.09	NM	NA	3378.38
RolandWW	04/4/2002	3419.47	41.32	NM	NA	3378.15
RolandWW	09/3/2002	3419.47	40.90	NM	NA	3378.57
RolandWW	12/2/2002	3419.47	40.80	NM	NA	3378.67
RolandWW	01/31/2003	3419.47	40.79	NM	NA	3378.68
RolandWW	03/28/2003	3419.47	40.74	NM	NA	3378.73
RolandWW	06/3/2003	3419.47	40.92	NM	NA	3378.55
RolandWW	09/9/2003	3419.47	41.03	NM	NA	3378.44
RolandWW	12/2/2003	3419.47	41.14	NM	NA	3378.33
RolandWW	03/30/2004	3419.47	41.35	NM	NA	3378.12
RolandWW	06/7/2004	3419.47	41.17	NM	NA	3378.30
RolandWW	03/31/2005	3419.47	39.62	NM	NA	3379.85
RolandWW	05/23/2005	3419.47	39.81	NM	NA	3379.66
RolandWW	06/23/2006	3419.47	39.56	NM	NA	3379.91
RolandWW	03/11/2009	3419.47	39.69	NM	NA	3379.78
RolandWW	03/1/2010	3419.47	0.00	NM	NA	3419.47
RolandWW	05/2/2017	3419.47	38.99	NM	NA	3380.48
RW001	11/16/1999	3428.32	50.41	NM	NA	3377.91
RW001	5/15/2001	3428.32	49.65	NM	NA	3378.67
RW001	8/23/2001	3428.32	50.04	NM	NA	3378.28
RW001	1/21/2002	3428.32	49.85	NM	NA	3378.47
RW001	4/4/2002	3428.32	49.97	NM	NA	3378.35
RW001	9/3/2002	3428.32	49.88	NM	NA	3378.44
RW001	12/2/2002	3428.32	49.53	NM	NA	3378.79
RW001	1/31/2003	3428.32	49.63	NM	NA	3378.69

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
RW001	3/28/2003	3428.32	49.62	NM	NA	3378.70
RW001	5/19/2003	3428.32	49.51	NM	NA	3378.81
RW001	9/9/2003	3428.32	49.66	NM	NA	3378.66
RW001	12/3/2003	3428.32	49.71	NM	NA	3378.61
RW001	3/30/2004	3428.32	49.81	NM	NA	3378.51
RW001	6/7/2004	3428.32	49.75	NM	NA	3378.57
RW001	9/17/2004	3428.32	49.34	NM	NA	3378.98
RW001	11/29/2004	3428.32	48.80	NM	NA	3379.52
RW001	3/31/2005	3428.32	48.43	NM	NA	3379.89
RW001	5/23/2005	3428.32	50.25	NM	NA	3378.07
RW002	1/21/2002	3431.66	52.98	NM	NA	3378.68
RW002	4/4/2002	3431.66	53.05	NM	NA	3378.61
RW002	9/3/2002	3431.66	52.95	NM	NA	3378.71
RW002	12/2/2002	3431.66	52.81	NM	NA	3378.85
RW002	1/30/2003	3431.66	52.75	NM	NA	3378.91
RW002	3/28/2003	3431.66	52.76	NM	NA	3378.90
RW002	5/19/2003	3431.66	52.73	NM	NA	3378.93
RW002	9/9/2003	3431.66	52.72	NM	NA	3378.94
RW002	12/3/2003	3431.66	52.66	NM	NA	3379.00
RW002	3/30/2004	3431.66	52.77	NM	NA	3378.89
RW002	6/7/2004	3431.66	52.77	NM	NA	3378.89
RW002	11/29/2004	3431.66	52.34	NM	NA	3379.32
RW002	3/31/2005	3431.66	51.05	NM	NA	3380.61
RW002	5/23/2005	3431.66	51.77	NM	NA	3379.89
RW002	1/16/2006	3431.66	51.35	NM	NA	3380.31
RW002	6/19/2006	3431.66	51.11	NM	NA	3380.55
RW002	3/29/2007	3431.66	50.60	NM	NA	3381.06
RW002	3/24/2008	3431.66	50.45	NM	NA	3381.21
RW002	3/11/2009	3431.66	50.70	NM	NA	3380.96
RW002	3/1/2010	3431.66	50.94	NM	NA	3380.72
RW002	8/3/2010	3431.66	50.98	NM	NA	3380.68
RW002	5/5/2011	3431.66	50.80	NM	NA	3380.86
RW002	11/2/2011	3431.66	48.72	NM	NA	3382.94
RW002	5/3/2012	3431.66	50.99	NM	NA	3380.67
RW002	10/23/2012	3431.66	51.15	NM	NA	3380.51
RW002	5/2/2013	3431.66	51.34	NM	NA	3380.32
RW003	1/21/2002	3429.82	50.75	NM	NA	3379.07
RW003	4/4/2002	3429.82	50.78	NM	NA	3379.04
RW003	9/3/2002	3429.82	50.75	NM	NA	3379.07
RW003	12/2/2002	3429.82	50.56	NM	NA	3379.26
RW003	1/30/2003	3429.82	50.45	NM	NA	3379.37
RW003	3/28/2003	3429.82	50.55	NM	NA	3379.27
RW003	5/19/2003	3429.82	50.49	NM	NA	3379.33
RW003	9/9/2003	3429.82	50.40	NM	NA	3379.42
RW003	12/3/2003	3429.82	50.34	NM	NA	3379.48
RW003	3/30/2004	3429.82	50.53	NM	NA	3379.29
RW003	6/7/2004	3429.82	50.43	NM	NA	3379.39
RW003	11/30/2004	3429.82	50.13	NM	NA	3379.69
RW003	3/31/2005	3429.82	49.90	NM	NA	3379.92
RW003	5/23/2005	3429.82	49.55	NM	NA	3380.27
RW003	1/16/2006	3429.82	49.20	NM	NA	3380.62
RW003	6/19/2006	3429.82	48.95	NM	NA	3380.87
RW003	4/2/2007	3429.82	48.53	NM	NA	3381.29
RW003	3/19/2008	3429.82	48.30	NM	NA	3381.52
RW003	3/11/2009	3429.82	48.58	NM	NA	3381.24
RW003	3/1/2010	3429.82	48.86	NM	NA	3380.96
RW003	8/3/2010	3429.82	48.92	NM	NA	3380.90
RW003	5/5/2011	3429.82	48.78	NM	NA	3381.04
RW003	11/2/2011	3429.82	49.13	NM	NA	3380.69
RW003	5/3/2012	3429.82	48.92	NM	NA	3380.90
RW003	10/24/2012	3429.82	48.96	NM	NA	3380.86
RW003	5/1/2013	3429.82	49.12	NM	NA	3380.70
RW003	10/29/2013	3429.82	49.18	NM	NA	3380.64
RW003	5/5/2014	3429.82	49.27	NM	NA	3380.55
RW003	11/3/2014	3429.82	49.12	NM	NA	3380.70
RW003	5/6/2015	3429.82	48.88	NM	NA	3380.94
RW003	9/16/2015	3429.82	48.67	NM	NA	3381.15
RW003	11/3/2015	3429.82	48.78	NM	NA	3381.04
RW003	5/9/2016	3429.82	48.63	NM	NA	3381.19
RW003	5/2/2017	3429.82	48.20	NM	NA	3381.62

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Location ID	Date	Top of Casing (feet amsl)	Depth To Groundwater (feet)	Depth to LNAPL (feet btoc)	LNAPL Thickness (feet)	Groundwater Elevation (feet amsl)
RW004A	1/21/2002	3430.11	51.51	NM	NA	3378.60
RW004A	4/4/2002	3430.11	51.59	NM	NA	3378.52
RW004A	9/3/2002	3430.11	51.45	NM	NA	3378.66
RW004A	12/2/2002	3430.11	51.10	NM	NA	3379.01
RW004A	1/31/2003	3430.11	51.14	NM	NA	3378.97
RW004A	3/28/2003	3430.11	51.16	NM	NA	3378.95
RW004A	5/19/2003	3430.11	51.23	NM	NA	3378.88
RW004A	9/9/2003	3430.11	46.36	NM	NA	3383.75
RW004A	12/3/2003	3430.11	51.53	NM	NA	3378.58
RW004A	3/30/2004	3430.74	52.34	NM	NA	3378.40
RW004A	6/7/2004	3430.74	51.61	NM	NA	3379.13
RW004A	11/30/2004	3430.74	51.56	NM	NA	3379.18
RW004A	3/31/2005	3430.74	51.97	NM	NA	3378.77
RW004A	5/23/2005	3430.74	52.13	NM	NA	3378.61
RW004A	1/18/2006	3430.74	47.46	NM	NA	3383.28
RW004A	6/19/2006	3430.74	49.78	NM	NA	3380.96
RW004A	4/11/2007	3430.74	47.15	NM	NA	3383.59
RW004A	3/24/2008	3430.74	49.51	NM	NA	3381.23
RW004A	3/11/2009	3430.74	47.49	NM	NA	3383.25
RW004A	3/1/2010	3430.74	50.28	NM	NA	3380.46
RW004A	8/3/2010	3430.74	50.34	NM	NA	3380.40
RW004A	5/6/2011	3430.74	47.65	NM	NA	3383.09
RW004A	11/4/2011	3430.74	47.50	NM	NA	3383.24
RW004A	5/4/2012	3430.74	44.85	NM	NA	3385.89
RW004A	10/23/2012	3430.74	47.99	NM	NA	3382.75
RW004A	5/2/2013	3430.74	50.20	NM	NA	3380.54
RW004A	10/29/2013	3430.74	48.11	NM	NA	3382.63
RW004A	5/5/2014	3430.74	50.65	NM	NA	3380.09
RW004A	11/4/2014	3430.74	48.01	NM	NA	3382.73
RW004A	5/6/2015	3430.74	47.58	NM	NA	3383.16
RW004A	9/16/2015	3430.74	49.30	NM	NA	3381.44
RW004A	11/3/2015	3430.74	47.58	NM	NA	3383.16
RW004A	5/12/2016	3430.74	47.29	NM	NA	3383.45
RW004A	5/3/2017	3430.74	49.25	NM	NA	3381.49
WoodellWW	5/15/2001	3423.77	49.63	NM	NA	3374.14
WoodellWW	8/23/2001	3423.77	49.97	NM	NA	3373.80
WoodellWW	4/5/2002	3423.77	49.52	NM	NA	3374.25
WoodellWW	9/3/2002	3423.77	54.07	NM	NA	3369.70
WoodellWW	12/2/2002	3423.77	49.06	NM	NA	3374.71
WoodellWW	1/30/2003	3423.77	49.14	NM	NA	3374.63
WoodellWW	3/28/2003	3423.77	62.24	NM	NA	3361.53
WoodellWW	6/5/2003	3423.77	53.76	NM	NA	3370.01
WoodellWW	9/9/2003	3423.77	53.65	NM	NA	3370.12
WoodellWW	12/2/2003	3423.77	49.07	NM	NA	3374.70
WoodellWW	3/30/2004	3423.77	49.50	NM	NA	3374.27
WoodellWW	6/7/2004	3423.77	54.24	NM	NA	3369.53
WoodellWW	11/29/2004	3423.77	48.89	NM	NA	3374.88
WoodellWW	5/23/2005	3423.77	52.80	NM	NA	3370.97
WoodellWW	5/11/2016	3423.77	48.87	NM	NA	3374.90
WoodellWW	9/15/2016	3423.77	48.87	NM	NA	3374.90
WoodellWW	5/4/2017	3423.77	48.64	NM	NA	3375.13

Note:

1. Corrected groundwater elevations at MW006 are corrected using an assumed LNAPL specific gravity of 0.75. The formula used to correct groundwater elevation is as follows:

$$Corrected\ GW\ Elevation = TOC\ Elevation - (DTW - LNAPL\ Thickness * LNAPL\ Specific\ Gravity)$$

Acronyms and Abbreviations:

amsl = above mean sea level

btoc = below top of casing

DTW = depth to groundwater

GW = groundwater

ID = identification

LNAPL = light nonaqueous phase liquid

NA = not applicable

NM = not measured

TOC = top of casing

* = potential blockage in well

** = atypical measurement, not used in analysis

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APPENDIX D

Laboratory Analytical Reports and Data Validation Review

ARCADIS

Chevron North Eunice

DATA REVIEW

North Eunice, New Mexico

Volatile organic compounds, Total Petroleum Hydrocarbons, Metals and Miscellaneous Analyses

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1

Analyses Performed By:

Eurofins Laboratories

Midland, and Stafford TX

Report # 52359R
Review Level: Tier II
Project: 30109021.00003

Summary

This data quality assessment summarizes the review of Sample Delivery Groups (SDGs) #880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1 for samples collected in association with the Chevron North Eunice Site. The review was conducted as a Tier II evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets and chain of custody. Analyses were performed on the following samples:

SDGs	Sample IDs	Lab IDs	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	MISC
880-25039-1	MW100-W-230221	880-25039-1	Water	02/21/2023				X	X
	MW0865SA-W-230221	880-25039-2	Water	02/21/2023				X	X
	MW071SA-W-230221	880-25039-3	Water	02/21/2023				X	X
	MW076SA-W-230221	880-25039-4	Water	02/21/2023				X	X
	MW075SA-W-230221	880-25039-5	Water	02/21/2023				X	X
	MW084SA-W-230221	880-25039-6	Water	02/21/2023				X	X
	MW085SA-W-230221	880-25039-7	Water	02/21/2023				X	X
880-25088-1	MW090SA-W-230222	880-25088-1	Water	02/22/2023				X	X
	MW089SA-W-230222	880-25088-2	Water	02/22/2023				X	X
	MW065SA-W-230222	880-25088-3	Water	02/22/2023				X	X
	IW010-W-230222	880-25088-4	Water	02/22/2023				X	X
	IW008-W-230222	880-25088-5	Water	02/22/2023				X	X
	MW066SA-W-230222	880-25088-6	Water	02/22/2023				X	X
	MW073SA-W-230222	880-25088-7	Water	02/22/2023				X	X
	MW072SA-W-230222	880-25088-8	Water	02/22/2023				X	X
	MW055SA-W-230222	880-25088-9	Water	02/22/2023				X	X
	MW056SA-W-230222	880-25088-10	Water	02/22/2023				X	X
	MW074SA-W-230222	880-25088-11	Water	02/22/2023				X	X
	MW057SA-W-230222	880-25088-12	Water	02/22/2023				X	X
	MW050SA-W-230222	880-25088-13	Water	02/22/2023				X	X
	MW051SA-W-230222	880-25088-14	Water	02/22/2023				X	X
	MW067SA-W-230222	880-25088-15	Water	02/22/2023				X	X
	MW079SA-W-230222	880-25088-16	Water	02/22/2023				X	X
	IW003-W-230222	880-25088-17	Water	02/22/2023				X	X
	MW054SA-W-230222	880-25088-18	Water	02/22/2023				X	X
	MW052SA-W-230222	880-25088-19	Water	02/22/2023				X	X
	MW049SA-W-230222	880-25088-20	Water	02/22/2023				X	X
	MW048SA-W-230222	880-25088-21	Water	02/22/2023				X	X
	DUP-1-W-230222	880-25088-22	Water	02/22/2023	MW051SA-W-230222			X	X
	DUP-2-W-230222	880-25088-23	Water	02/22/2023	MW048SA-W-230222			X	X
	MW-041A-W-230223	880-25132-1	Water	02/23/2023				X	X

DATA REVIEW REPORT

SDGs	Sample IDs	Lab IDs	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	MISC
880-25132-1	IW023-W-230223	880-25132-2	Water	02/23/2023				X	X
	MW093SA-W-230223	880-25132-3	Water	02/23/2023				X	X
	MW021A-W-230223	880-25132-4	Water	02/23/2023				X	X
	MW020A-W-230223	880-25132-5	Water	02/23/2023				X	X
	MW09A-W-230223	880-25132-6	Water	02/23/2023				X	X
	MW018-W-230223	880-25132-7	Water	02/23/2023				X	X
	MW015A-W-230223	880-25132-8	Water	02/23/2023				X	X
	MW016A-W-230223	880-25132-9	Water	02/23/2023				X	X
	MW010-W-230223	880-25132-10	Water	02/23/2023				X	X
	MW04A-W-230223	880-25132-11	Water	02/23/2023				X	X
	MW013-W-230223	880-25132-12	Water	02/23/2023				X	X
	MW026-W-230223	880-25132-13	Water	02/23/2023				X	X
	MW027-W-230223	880-25132-14	Water	02/23/2023				X	X
	MW032-W-230223	880-25132-15	Water	02/23/2023				X	X
	MW061-W-230223	880-25132-16	Water	02/23/2023				X	X
	MW094-W-230223	880-25132-17	Water	02/23/2023				X	X
	MW068-W-230223	880-25132-18	Water	02/23/2023				X	X
	MW024A-W-230223	880-25132-19	Water	02/23/2023				X	X
	MW062A-W-230223	880-25132-20	Water	02/23/2023				X	X
	DUP-3-W-230223	880-25132-21	Water	02/23/2023	IW023-W-230223			X	X
880-25167-1	MW063A-W-230224	880-25167-1	Water	02/24/2023				X	X
	MW099-W-230224	880-25167-2	Water	02/24/2023				X	X
	MW070-W-230224	880-25167-3	Water	02/24/2023				X	X
	MW030-W-230224	880-25167-4	Water	02/24/2023				X	X
	MW058-W-230224	880-25167-5	Water	02/24/2023				X	X
	MW059-W-230224	880-25167-6	Water	02/24/2023				X	X
	MW023-W-230224	880-25167-7	Water	02/24/2023				X	X
	MW031-W-230224	880-25167-8	Water	02/24/2023				X	X
	MW060-W-230224	880-25167-9	Water	02/24/2023				X	X
	DUP-4-W-230224	880-25167-10	Water	02/24/2023	MW059-W-230224			X	X
880-25230-1	MW095-W-230227	880-25230-1	Water	02/27/2023				X	X
	MW069-W-230227	880-25230-2	Water	02/27/2023				X	X
	MW012M-W-230227	880-25230-3	Water	02/27/2023				X	X
	MW088M-W-230227	880-25230-4	Water	02/27/2023				X	X
	MW009A-W-230227	880-25230-5	Water	02/27/2023				X	X
	MW011A-W-230227	880-25230-6	Water	02/27/2023				X	X
	MW008M-W-230227	880-25230-7	Water	02/27/2023				X	X
	MW087A-W-230227	880-25230-8	Water	02/27/2023				X	X
	MW097P-W-230227	880-25230-9	Water	02/27/2023				X	X
	MW007A-W-230227	880-25230-10	Water	02/27/2023				X	X

DATA REVIEW REPORT

SDGs	Sample IDs	Lab IDs	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	MISC
	MW001-W-230227	880-25230-11	Water	02/27/2023		X	X	X	X
	MW002A-W-230227	880-25230-12	Water	02/27/2023				X	X
	MW046A-W-230227	880-25230-13	Water	02/27/2023		X	X	X	X
	MW045-W-230227	880-25230-14	Water	02/27/2023		X	X	X	X
	MW037A-W-230227	880-25230-15	Water	02/27/2023		X	X	X	X
	MW043-W-230227	880-25230-16	Water	02/27/2023		X	X	X	X
	IW019-W-230227	880-25230-17	Water	02/27/2023		X	X	X	X
	MW053SA-W-230227	880-25230-18	Water	02/27/2023				X	X
	DUP-5-W-230227	880-25230-19	Water	02/27/2023	MW047-W-230227			X	X
	DUP-6-W-230227	880-25230-20	Water	02/27/2023	MW001-W-230227			X	X
	DUP-7-W-230227	880-25230-21	Water	02/27/2023	MW037A-W-230227	X	X	X	X
	MW047-W-230227	880-25230-22	Water	02/27/2023				X	X

Notes:
VOC - Volatile organic compounds.
TPH - total petroleum hydrocarbons.
MET - metals.
MISC - miscellaneous includes hexavalent chromium, chloride and total dissolved solids.

DATA REVIEW REPORT

Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA - Quality Assurance

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Method 8021B and 8015 B (NM). Data were reviewed in accordance USEPA National Functional Guidelines NFG for Organic Superfund Methods Data Review, EPA-540-R-20-005 (November 2020), with reference to the historical (USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999, as appropriate).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compound (VOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8021B	Water	14 days from collection to analysis (preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u.

Note:

s.u. - Standard units

SDG # 880-25230-1: All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the sample detection limit (SDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

SDG # 880-25230-1: Compounds were not detected above the SDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

SDG # 880-25230-1: All surrogate recoveries were within control limits.

4. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

SDG # 880-25230-1: MS/MSD analysis was performed on samples from this SDGs.

5. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

DATA REVIEW REPORT

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

SDG # 880-25230-1: All compounds associated with the LCS analysis exhibited recoveries within the control limits with the exception noted below,

SDG	Sample ID	Batch	Compounds	LCS Recovery	LCSD Recovery
880-25230-1	MW045-W-230227 MW037A-W-230227 MW043-W-230227 IW019-W-230227 DUP-7-W-230227	47689	Benzene	<LL but > 10%	>UL
			Toluene	<LL but > 10%	AC
			Ethylbenzene	<LL but > 10%	AC
			m-Xylene & p-Xylene	<LL but > 10%	>UL
			o-Xylene	<LL but > 10%	>UL

Notes:
UL – Upper control limit
LL – Lower control limit
AC – Acceptable

The criteria used to evaluate the LCS/LCSD recoveries are presented in the following table. In the case of an LCS/LCSD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> the upper control limit (UL)	Non-detect	No Action
	Detect	J
< the lower control limit (LL) but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

Sample locations associated with LCS/LCSD recoveries exhibiting an RPD greater than of the control limit presented in the following table.

SDG	Sample Locations	Compound
880-25230-1	MW045-W-230227 MW037A-W-230227 MW043-W-230227 IW019-W-230227 DUP-7-W-230227	Benzene
		Toluene
		Ethylbenzene
		m-Xylene & p-Xylene
		o-Xylene

The criteria used to evaluate the RPD between the LCS/LCSD recoveries are presented in the following table. In the case of an RPD deviation, the sample results are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	UJ

Control Limit	Sample Result	Qualification
	Detect	J

6. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices. SDG # 880-25230-1: Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
MW037A-W-230227/ DUP-7-W-230227	Benzene	0.003	U	AC
	Toluene	U	U	AC
	Ethylbenzene	0.024	U	AC
	m-Xylene & p-Xylene	0.001	0.001	AC
	o-Xylene	0.001	0.002	AC
	Xylenes, Total	0.002	0.003	AC

Note:

AC - Acceptable

7. System Performance and Overall Assessment

SDG # 880-25230-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA REVIEW REPORT

Data Validation Checklist for VOCs

VOCs: SW-846 8021B	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
C. Trip blanks	X				X
Laboratory Control Sample (LCS) %R		X	X		
Laboratory Control Sample Duplicate (LCSD) %R		X	X		
LCS/LCSD Precision (RPD)		X	X		
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	

Notes:

%R Percent recovery

RPD Relative percent difference

DATA REVIEW REPORT

Total petroleum Hydrocarbons Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
TPH by SW-846 8015 B(NM)	Water	14 days from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

SDG # 880-25230-1: All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

SDG # 880-25230-1: Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. The analysis requires surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

SDG # 880-25230-1: All surrogate recoveries were within control limits.

4. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

SDG # 880-25230-1: MS/MSD analysis was not performed on samples from this SDG.

5. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate Analysis (LCSD)

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

SDG # 880-25230-1: All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits.

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6. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

SDG # 880-25230-1: Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compounds	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
MW037A-W-230227/ DUP-7-W-230227	Total TPH	0.945 J	0.898 U	AC
	Diesel Range Organics (Over C10-C28)	0.945 J	0.898 U	AC

Note:
AC- Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

7. System Performance and Overall Assessment

SDG# 880-25230-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA REVIEW REPORT

Data Validation Checklist for TPH

TPH: SW-846 8015B (NM)	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY (GC/FID)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	

Notes:
%R - percent recovery
RPD - relative percent difference

Inorganic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Methods 6020A, 7196A, EPA 300, and SM 2540C. Data were reviewed in accordance with USEPA National Functional Guidelines NFG for Inorganic Superfund Methods Data Review, EPA-540-R-20-006 (November 2020), with reference to the historical (USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, OSWER 9240.1-05A-P, October 2004, as appropriate).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and that it was already subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
  - U The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
  - J The reported value was obtained from a reading less than the reporting limit (RL), but greater than or equal to the method detection limit (MDL).
- Quantitation (Q) Qualifiers
  - E The reported value is estimated due to the presence of interference.
  - N Spiked sample recovery is not within control limits.
  - * Duplicate analysis is not within control limits.
- Validation Qualifiers
  - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The analyte was not detected above the reporting limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
  - UB Analyte considered non-detect at the listed value due to associated blank contamination.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Metals Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 6020A	Water	180 days from collection to analysis	Preserved to a pH of less than 2.

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: Analytes were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Matrix Spike/Matrix Spike Duplicate (MS/MSD)/Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.1 MS/MSD Analysis

All metal analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

SDG # 880-25088-1: MS/MSD analysis was performed on sample ID MW090SA-W-230222 and MW048SA-W-230222 exhibited acceptable recoveries and RPDs.

SDG # 880-25132-1: MS/MSD analysis was performed on sample ID MW026-W-230223, exhibited acceptable recoveries and RPDs.

SDG # 880-25167-1: MS/MSD analysis was performed on sample ID MW063A-W-230224, exhibited acceptable recoveries and RPDs.

SDG # 880-25230-1: MS/MSD analysis was performed on sample ID MW009A-W-230227, exhibited acceptable recoveries and RPDs.

SDG# 880-25039-1: MS/MSD analysis was not performed on samples from this SDG.

3.2 Laboratory Duplicate Analysis

The laboratory duplicates relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices and

35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: Laboratory duplicate analysis was not performed on samples from these SDGs.

4. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

SDG# 880-25039-1: Field duplicate sample was not collected for the samples from this SDG.

SDGs# 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: Results for duplicate samples are summarized in the following table.

SDGs	Sample ID/Duplicate ID	Analytes	Sample Result (mg/l)	Duplicate Result (mg/l)	RPD
880-25088-1	MW051SA-W-230222/ DUP-1-W-230222	Arsenic	0.010	0.010	AC
		Chromium	0.701	0.692	1.3%
		Manganese	0.006	0.007	AC
	MW048SA-W-230222/ DUP-2-W-230222	Arsenic	0.010	0.011	AC
		Chromium	0.456	0.451	1.1%
		Manganese	0.0002 J	0.001 J	AC
880-25132-1	IW023-W-230223 / DUP-3-W-230223	Arsenic	0.009	0.009	AC
		Chromium	0.255	0.267	4.6%
		Manganese	0.0003 J	0.002 U	AC
880-25167-1	MW059-W-230224/ DUP-4-W-230224	Arsenic	0.011	0.012	AC
		Chromium	0.529	0.539	1.9%
		Iron	0.100 U	0.092 J	AC
		Manganese	0.002	0.001	AC
880-25230-1	MW047-W-230227/ DUP-5-W-230227	Arsenic	0.012	0.012	AC
		Chromium	0.041	0.042	2.4%
	MW001-W-230227/ DUP-6-W-230227	Arsenic	0.002 J	0.017	AC
		Chromium	0.002 J	0.909	NC
		Manganese	1.22	0.017	194.5%
	MW037A-W-230227/ DUP-7-W-230227	Arsenic	0.061	0.001	NC
		Chromium	0.001 J	0.001 J	AC
		Iron	5.380	0.191	NC
		Manganese	0.169	0.421	85.4%

Notes:
AC - Acceptable
NC - Not complaint

The analytes chromium associated with samples location MW001-W-230227 and DUP-6-W-230227 duplicate, the analytes Iron associated with samples location MW037A-W-230227 and DUP-7-W-230227 duplicate exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

5. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS/LCSD analysis must exhibit a percent recovery between the control limits of 80% and 120%.

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA REVIEW REPORT

Data Validation Checklist for Metal

METALS; SW-846 6020A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)					
Tier II Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Instrument Blanks	X				X
B. Method Blanks		X		X	
C. Equipment/Field Blanks	X				X
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Lab Duplicate (RPD)	X				X
Field Duplicate (RPD)		X	X		
ICP Serial Dilution %D	X				X
Reporting Limit Verification		X		X	

Notes:
%R Percent recovery
RPD Relative percent difference
%D Percent difference

General Chemistry Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
Hexavalent chromium by SW-846 7196A	Water	24 hours from collection to analysis	Cool to <6 °C.
Chloride by EPA 300.0	Water	28 days from collection to analysis	Cool to <6 °C.
Total Dissolved Solids by SM 2540C	Water	7 days from collection to analysis	Cool to <6 °C.

SDG# 880-25039-1 and 880-25167-1: All samples were analyzed within the specified holding times.

SDGs# 880-25088-1,880-25132-1 and 880-25230-1: The analyses that exceeded the holding time are presented in the following table.

SDGs	Sample ID	Analyte	Holding Time	Criteria
880-25088-1	DUP-1-W-230222 DUP-2-W-230222 DUP-6-W-230227 DUP-7-W-230227	Hexavalent chromium	>24 hours	24 hours from collection to analysis
880-25132-1	DUP-3-W-230223			
880-25230-1	DUP-5-W-230227			

Sample results associated with sample locations analysed by analytical method SW-846 7196A were qualified, as specified in the table below. All other holding times were met.

Criteria	Qualification	
	Detected Analytes	Non-detect Analytes
Analysis completed less than two times holding time	J	UJ
Analysis completed greater than two times holding time	J	R

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

DATA REVIEW REPORT

SDGs# 880-25039-1 and 880-25132-1: Analytes were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

SDGs# 880-25088-1, 880-25167-1 and 880-25230-1: The compound chloride is detected in the associated method blank however, the results were greater than the BAL. Therefore, sample results greater than the BAL resulted in the removal of the laboratory qualifier (B). No other qualification of the sample results was required.

3. Matrix Spike (MS)/Laboratory Duplicate Analysis

MS and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.1 MS/MSD Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

SDG # 880-25039-1: MS/MSD analysis was performed on sample MW100-W-230221 for hexavalent chromium. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-25088-1: MS/MSD analysis was performed on sample MW079SA-W-230222 for chloride, on sample MW090SA-W-230222, MW074SA-W-230222 and DUP-1-W-230222 for hexavalent chromium analysis. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-25132-1: MS/MSD analysis was performed on sample MW-041A-W-230223, MW04A-W-230223 and DUP-3-W-230223 for hexavalent chromium MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-25167-1: MS/MSD analysis was performed on sample MW063A-W-230224 for chloride and hexavalent chromium. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-25230-1: MS/MSD analysis was performed on sample MW011A-W-230227 for chloride, on sample MW069-W-230227, MW001-W-230227 and DUP-7-W-230227 for hexavalent chromium analysis. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

3.2 Laboratory Duplicate Analysis

The laboratory duplicates relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices.

SDG # 880-25039-1: A laboratory duplicate analysis was performed on sample MW100-W-23022 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-25088-1: A laboratory duplicate analysis was performed on sample MW090SA-W-230222 and MW089SA-W-230222 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-25132-1: A laboratory duplicate analysis was performed on sample MW-041A-W-230223 and DUP-3-W-230223 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-25167-1: A laboratory duplicate analysis was not performed on any of the samples from this SDG.

DATA REVIEW REPORT

SDG# 880-25230-1: A laboratory duplicate analysis was performed on sample MW095-W-230227 and MW069-W-230227 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

4. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices or three times the RL is applied for soil matrices.

SDGs# 880-25039-1: Field duplicate sample was not collected for the samples from this SDG.

SDGs# 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: Results for duplicate samples are summarized in the following table.

SDGs	Sample ID/Duplicate ID	Analytes	Sample Result (mg/l)	Duplicate Result (mg/l)	RPD
880-25088-1	MW051SA-W-230222/ DUP-1-W-230222	Chloride	968.0	971.0	0.31%
		Total Dissolved Solids	3360.0	3630	7.7%
		Cr (VI)	0.747	0.730	2.3%
	MW048SA-W-230222/ DUP-2-W-230222	Chloride	684.0	692.0	1.2%
		Total Dissolved Solids	2700	2680.0	0.74%
		Cr (VI)	0.453	0.460	1.5%
880-25132-1	IW023-W-230223 / DUP-3-W-230223	Chloride	552.0	546.0	1.1%
		Total Dissolved Solids	2890.0	2940.0	1.7%
		Cr (VI)	0.265	0.270	1.9%
880-25167-1	MW059-W-230224/ DUP-4-W-230224	Chloride	909.0	939.0	3.2%
		Total Dissolved Solids	4030.0	4140.0	2.7%
		Cr (VI)	0.559	0.554	0.9%
880-25230-1	MW047-W-230227/ DUP-5-W-230227	Chloride	157.0	155.0	1.3%
		Total Dissolved Solids	1740.0	1560.0	10.9%
		Cr (VI)	0.0329	0.0349	AC
	MW001-W-230227/ DUP-6-W-230227	Chloride	251.0	1550.0	144.2%
		Total Dissolved Solids	3080.0	4040.0	26.9%
		Cr (VI)	0.01 U	0.812	NC
	MW037A-W-230227/ DUP-7-W-230227	Chloride	303.0	522.0	53.1%
		Total Dissolved Solids	1230.0	1800.0	37.6%
		Cr (VI)	U	U	AC

Notes:
AC - Acceptable
NC - Not complaint

The analyte Cr (VI) associated with samples location MW001-W-230227 and DUP-6-W-230227 duplicate, exhibited a field duplicate RPD greater than the control limit. The associated sample results from sample locations for the listed analyte were qualified as estimated.

5. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS/LCSD analysis must exhibit a percent recovery between the control limits of 80% and 120%.

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

SDGs # 880-25039-1, 880-25088-1, 880-25132-1, 880-25167-1 and 880-25230-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA REVIEW REPORT

Data Validation Checklist for General Chemistry

General Chemistry: SW 7196A, EPA 300.0 and SM 2540C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier II Validation					
Holding times		X	X		
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Lab Duplicate (RPD)		X		X	
Field Duplicate (RPD)		X	X		
Dilution Factor		X		X	

Notes:
%RSD - Relative standard deviation
%R - Percent recovery
RPD - Relative percent difference

DATA REVIEW REPORT

VALIDATION PERFORMED BY: Bhagyashree Fulzele

SIGNATURE: 

DATE: December 22, 2023

PEER REVIEW: Dennis Capria

DATE: December 29, 2023

CHAIN OF CUSTODY

CORRECTED SAMPLE ANALYSIS DATA SHEETS

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: 25039

www.xenco.com Page 1 of 1

Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP	Midland, TX. 79701	City, State ZIP	
Phone:	303-471-2477	Email:	andrew demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N Eunice	Turn Around	
Project Number	30109021	Routine	X
P.O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C)		Thermometer ID		
Received Intact:	(Yes) No		126	
Cooler Custody Seals:	Yes No N/A	Correction Factor	0.3	
Sample Custody Seals:	Yes No (N/A)	Total Containers:	21	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS). Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300 0)
MW100-W-230221	W	02/21/23	1308		3			X	X	X	X
MW085A-W-230221	W	02/21/23	1334		3			X	X	X	X
MW075A-W-230221	W	02/21/23	1352		3			X	X	X	X
MW076A-W-230221	W	02/21/23	1415		3			X	X	X	X
MW075SA-W-230221	W	02/21/23	1435		3			X	X	X	X
MW085A-W-230221	W	02/21/23	1457		3			X	X	X	X
MW095SA-W-230221	W	02/21/23	1504		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

Samples Collected in MST.

880-25039 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1 Michael Redding		2/28/23 1861	2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

3/9/2023

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25039-1
Project/Site: Eunice Project

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Client Sample ID: MW100-W-230221

Lab Sample ID: 880-25039-1
Matrix: Water
Date Collected: 02/21/23 13:08
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	846		5.00	2.00	mg/L			03/08/23 22:07	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00739		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:34	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:34	1
Iron	0.0521	J	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:34	1
Manganese	0.421		0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1930		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW0865SA-W-230221

Lab Sample ID: 880-25039-2
Matrix: Water
Date Collected: 02/21/23 13:34
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		5.00	2.00	mg/L			03/08/23 22:57	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0149		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:36	1
Chromium	0.0246		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:36	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:36	1
Manganese	0.0789		0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3580		40.0	40.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0139		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW071SA-W-230221

Lab Sample ID: 880-25039-3
Matrix: Water
Date Collected: 02/21/23 13:56
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	403		0.500	0.200	mg/L			03/08/23 21:43	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00991		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:39	1
Chromium	0.0219		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:39	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Client Sample ID: MW071SA-W-230221

Lab Sample ID: 880-25039-3
Matrix: Water
Date Collected: 02/21/23 13:56
Date Received: 02/21/23 18:01

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:39	1
Manganese	**0.000715**	**J**	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1320**		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0219**		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW076SA-W-230221

Lab Sample ID: 880-25039-4
Matrix: Water
Date Collected: 02/21/23 14:15
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**545**		5.00	2.00	mg/L			03/08/23 23:22	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0131**		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:41	1
Chromium	**0.00598**		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:41	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:41	1
Manganese	**0.000240**	**J**	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2230**		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW075SA-W-230221

Lab Sample ID: 880-25039-5
Matrix: Water
Date Collected: 02/21/23 14:35
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**589**		5.00	2.00	mg/L			03/08/23 23:46	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0116**		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:43	1
Chromium	**0.0168**		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:43	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:43	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2120**		20.0	20.0	mg/L			02/25/23 08:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25039-1
Project/Site: Eunice Project

Client Sample ID: MW075SA-W-230221 Lab Sample ID: 880-25039-5

Date Collected: 02/21/23 14:35 Matrix: Water
Date Received: 02/21/23 18:01

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0154		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW084SA-W-230221 Lab Sample ID: 880-25039-6

Date Collected: 02/21/23 14:57 Matrix: Water
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		5.00	2.00	mg/L			02/24/23 02:35	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00935		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:46	1
Chromium	0.0130		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:46	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:46	1
Manganese	0.000263	J	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3040		40.0	40.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0114		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW085SA-W-230221 Lab Sample ID: 880-25039-7

Date Collected: 02/21/23 15:04 Matrix: Water
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	654		5.00	2.00	mg/L			02/24/23 02:59	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0118		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:48	1
Chromium	0.0183		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:48	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:48	1
Manganese	0.000490	J	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2310		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0159		0.0100	0.00270	mg/L			02/22/23 07:45	1

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3/3/2023

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Received by OCD: 3/13/2024 8:06:07 PM

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Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta GA (770-449-8800) Tampa,FL (813-620-2000) www.xenco.com Page 1 of 3

Work Order No: _____

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☒ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	X
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C)	19/1.6	Thermometer ID	180	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-0.3	
Sample Custody Seals:	Yes No (N/A)	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW080SA-W-230222	W	02/22/23	0724		3			X	X	X	X
MW089SA-W-230222	W	02/22/23	0742		3			X	X	X	X
MW065SA-W-230222	W	02/22/23	0804		3			X	X	X	X
IW010-W-230222	W	02/22/23	0814		3			X	X	X	X
IW008-W-230222	W	02/22/23	0840		3			X	X	X	X
MW066SA-W-230222	W	02/22/23	0858		3			X	X	X	X
MW073SA-W-230222	W	02/22/23	0915		3			X	X	X	X
MW072SA-W-230222	W	02/22/23	0932		3			X	X	X	X
MW055SA-W-230222	W	02/22/23	1035		3			X	X	X	X
MW056SA-W-230222	W	02/22/23	1050		3			X	X	X	X

880-25088 Chain of Custody

Work Order Notes

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

All Samples Collected MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Michael Rowland		02/22/23 1845	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Chain of Custody

XENCO LABORATORIES

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Midland TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa FL (813-620-2000)

Work Order No: _____

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Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	303-471-2477 Email	andrew.demarco@arcadis.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N Eunice	Turn Around	
Project Number:	30109021	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date:	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW045SA-W-230222	W	02/22/23	1113		3			X	X	X	X
MW057SA-W-230222	W	02/22/23	1126		3			X	X	X	X
MW053SA-W-230222	W	02/22/23	1145		3			X	X	X	X
MW058SA-W-230222	W	02/22/23	1203		3			X	X	X	X
MW067SA-W-230222	W	02/22/23	1259		3			X	X	X	X
MW078SA-W-230222	W	02/22/23	1318		3			X	X	X	X
TW003-W-230222	W	02/22/23	1335		3			X	X	X	X
MW054SA-W-230222	W	02/22/23	1356		3			X	X	X	X
MW052SA-W-230222	W	02/22/23	1411		3			X	X	X	X
MW049SA-W-230222	W	02/22/23	1437		3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

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Relinquished by (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1 Michael Redding		02/22/23	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

3/3/2023

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Chain of Custody

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Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

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Work Order No: _____

Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address.	1004 N. Big Spring St.	Address.	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	303-471-2477	Email:	andrew demarco@arcadis com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	☒
P O Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact.	Yes No			
Cooler Custody Seals.	Yes No N/A	Correction Factor		
Sample Custody Seals.	Yes No N/A	Total Containers.		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS) Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW04S-A-W-230222	W	02/22/23	1450		3			X	X	X	X
DUP-1-W-230222	W	02/22/23	—		3			X	X	X	X
DUP-2-W-230222	W	02/22/23	—		3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

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Relinquished by. (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		02/23/23	2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

Definitions/Glossary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW090SA-W-230222

Lab Sample ID: 880-25088-1
Date Collected: 02/22/23 07:24
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	937		5.00	2.00	mg/L			02/26/23 04:48	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00980		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 16:44	1
Chromium	0.949		0.0800	0.0112	mg/L		02/27/23 08:30	02/27/23 16:56	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 16:44	1
Manganese	0.000409	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4420		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	1.02		0.0500	0.0135	mg/L			02/23/23 07:15	5

Client Sample ID: MW089SA-W-230222

Lab Sample ID: 880-25088-2
Date Collected: 02/22/23 07:42
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418		5.00	2.00	mg/L			02/26/23 05:00	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00991		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:03	1
Chromium	0.227		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:03	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2360		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.238		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW065SA-W-230222

Lab Sample ID: 880-25088-3
Date Collected: 02/22/23 08:04
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.00	2.00	mg/L			02/26/23 05:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0147		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:05	1
Chromium	0.00504		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:05	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW065SA-W-230222

Lab Sample ID: 880-25088-3
Matrix: Water
Date Collected: 02/22/23 08:04
Date Received: 02/22/23 18:45

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.112		0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:05	1
Manganese	0.808		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3690		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: IW010-W-230222

Lab Sample ID: 880-25088-4
Matrix: Water
Date Collected: 02/22/23 08:14
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		5.00	2.00	mg/L			02/26/23 05:25	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00568		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:08	1
Chromium	0.00150	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:08	1
Iron	9.84		2.00	0.566	mg/L		02/27/23 08:30	02/27/23 17:20	20
Manganese	7.07		0.0400	0.00448	mg/L		02/27/23 08:30	02/27/23 17:20	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3480		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00593	J	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: IW008-W-230222

Lab Sample ID: 880-25088-5
Matrix: Water
Date Collected: 02/22/23 08:40
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	712		5.00	2.00	mg/L			02/26/23 05:37	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00460		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:10	1
Chromium	0.00454		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:10	1
Iron	0.868		0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:10	1
Manganese	1.48		0.0400	0.00448	mg/L		02/27/23 08:30	02/27/23 17:22	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2330		20.0	20.0	mg/L			03/01/23 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: IW008-W-230222

Lab Sample ID: 880-25088-5
Date Collected: 02/22/23 08:40
Matrix: Water
Date Received: 02/22/23 18:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW066SA-W-230222

Lab Sample ID: 880-25088-6
Date Collected: 02/22/23 08:58
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**929**		5.00	2.00	mg/L			02/26/23 05:49	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00801**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:12	1
Chromium	**0.0424**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:12	1
Manganese	**0.00497**		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2750**		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0379**		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW073SA-W-230222

Lab Sample ID: 880-25088-7
Date Collected: 02/22/23 09:15
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**249**		0.500	0.200	mg/L			02/26/23 02:19	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00998**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:31	1
Chromium	**0.00102**	**J**	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:31	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:31	1
Manganese	**0.000646**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1140**		10.0	10.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW072SA-W-230222

Lab Sample ID: 880-25088-8
Date Collected: 02/22/23 09:32
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		0.500	0.200	mg/L			02/26/23 03:21	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0156**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:34	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:34	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:34	1
Manganese	**0.000329**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1160**		10.0	10.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW055SA-W-230222

Lab Sample ID: 880-25088-9
Date Collected: 02/22/23 10:35
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**626**		5.00	2.00	mg/L			02/26/23 07:04	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00687**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:36	1
Chromium	**0.153**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:36	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:36	1
Manganese	**0.000422**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2010**		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.165**		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW056SA-W-230222

Lab Sample ID: 880-25088-10
Date Collected: 02/22/23 10:50
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**894**		5.00	2.00	mg/L			02/26/23 07:16	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0129**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:39	1
Chromium	**0.320**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:39	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW056SA-W-230222

Lab Sample ID: 880-25088-10
Matrix: Water
Date Collected: 02/22/23 10:50
Date Received: 02/22/23 18:45

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:39	1
Manganese	**0.000274**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3510**		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.340**		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW074SA-W-230222

Lab Sample ID: 880-25088-11
Matrix: Water
Date Collected: 02/22/23 11:13
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.1**		0.500	0.200	mg/L			02/26/23 08:18	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0114**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:41	1
Chromium	**0.0116**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:41	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:41	1
Manganese	**0.000295**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2580**		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW057SA-W-230222

Lab Sample ID: 880-25088-12
Matrix: Water
Date Collected: 02/22/23 11:26
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2620**	**B**	5.00	2.00	mg/L			03/01/23 04:42	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0125**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:00	1
Chromium	**0.00714**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:00	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:00	1
Manganese	**0.000322**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1550**		20.0	20.0	mg/L			03/01/23 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25088-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW057SA-W-230222 Lab Sample ID: 880-25088-12

Date Collected: 02/22/23 11:26 **Matrix: Water**
Date Received: 02/22/23 18:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW050SA-W-230222 Lab Sample ID: 880-25088-13

Date Collected: 02/22/23 11:45 **Matrix: Water**
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**	**B**	5.00	2.00	mg/L			03/01/23 06:18	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00935**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:03	1
Chromium	**0.347**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:03	1
Manganese	**0.00815**		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3250**		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.342**		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW051SA-W-230222 Lab Sample ID: 880-25088-14

Date Collected: 02/22/23 12:03 **Matrix: Water**
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**968**	**B**	5.00	2.00	mg/L			03/01/23 06:41	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0104**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:05	1
Chromium	**0.701**		0.0800	0.0112	mg/L		02/27/23 08:30	02/27/23 18:17	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:05	1
Manganese	**0.00569**		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3360**		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.747**		0.0500	0.0135	mg/L			02/23/23 08:20	5

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW067SA-W-230222

Lab Sample ID: 880-25088-15
Matrix: Water
Date Collected: 02/22/23 12:59
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181	B	0.500	0.200	mg/L			03/01/23 04:54	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0169		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:07	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:07	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	947		10.0	10.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW079SA-W-230222

Lab Sample ID: 880-25088-16
Matrix: Water
Date Collected: 02/22/23 13:18
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	355	B	0.500	0.200	mg/L			03/01/23 05:06	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00902		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:10	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:10	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:10	1
Manganese	0.0163		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1440		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: IW003-W-230222

Lab Sample ID: 880-25088-17
Matrix: Water
Date Collected: 02/22/23 13:35
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	823	B	5.00	2.00	mg/L			03/01/23 07:05	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0213		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:29	1
Chromium	0.00426		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:29	1

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: IW003-W-230222

Lab Sample ID: 880-25088-17
Matrix: Water
Date Collected: 02/22/23 13:35
Date Received: 02/22/23 18:45

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	5.99		2.00	0.566	mg/L		02/27/23 08:30	02/27/23 18:38	20
Manganese	5.65		0.0400	0.00448	mg/L		02/27/23 08:30	02/27/23 18:38	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2800		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW054SA-W-230222

Lab Sample ID: 880-25088-18
Matrix: Water
Date Collected: 02/22/23 13:56
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	788	B	5.00	2.00	mg/L			03/01/23 07:29	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:31	1
Chromium	0.110		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:31	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:31	1
Manganese	0.00208		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2490		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0909		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW052SA-W-230222

Lab Sample ID: 880-25088-19
Matrix: Water
Date Collected: 02/22/23 14:11
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280	B	5.00	2.00	mg/L			03/01/23 07:53	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0135		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:33	1
Chromium	0.239		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:33	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:33	1
Manganese	0.000503	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4500		40.0	40.0	mg/L			03/01/23 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25088-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW052SA-W-230222 Lab Sample ID: 880-25088-19

Date Collected: 02/22/23 14:11 **Matrix: Water**
Date Received: 02/22/23 18:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.244		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW049SA-W-230222 Lab Sample ID: 880-25088-20

Date Collected: 02/22/23 14:37 **Matrix: Water**
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200	B	5.00	2.00	mg/L			03/01/23 08:41	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:36	1
Chromium	0.235		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:36	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:36	1
Manganese	0.000298	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3640		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.227		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW048SA-W-230222 Lab Sample ID: 880-25088-21

Date Collected: 02/22/23 14:50 **Matrix: Water**
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	684	B	5.00	2.00	mg/L			03/01/23 09:04	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:02	1
Chromium	0.456		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:02	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:02	1
Manganese	0.000232	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2700		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.453		0.0100	0.00270	mg/L			02/23/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: DUP-1-W-230222

Lab Sample ID: 880-25088-22
Matrix: Water
Date Collected: 02/22/23 00:00
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	971	B	5.00	2.00	mg/L			03/01/23 09:28	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0103		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:25	1
Chromium	0.692		0.0800	0.0112	mg/L		02/27/23 08:30	02/27/23 19:37	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:25	1
Manganese	0.00657		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3630		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.730	H J	0.0500	0.0135	mg/L			02/23/23 09:00	5

Client Sample ID: DUP-2-W-230222

Lab Sample ID: 880-25088-23
Matrix: Water
Date Collected: 02/22/23 00:00
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	692	B	5.00	2.00	mg/L			03/01/23 09:52	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:28	1
Chromium	0.451		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:28	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:28	1
Manganese	0.000526	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2680		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.460	H J	0.0100	0.00270	mg/L			02/23/23 09:00	1

Released to Imaging: 4/30/2024 9:27:34 AM
Received by OCD: 3/13/2024 8:06:07 PM

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: 25132

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Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX. 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew.demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	X
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	4.6/4.3	Thermometer ID	168
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW041A-W-230223	W	02/23/23	0824		3			X	X	X	X
IW023-W-230223	W	02/23/23	0842		3			X	X	X	X
MW035A-W-230223	W	02/23/23	0901		3			X	X	X	X
MW021A-W-230223	W	02/23/23	0916		3			X	X	X	X
MW020A-W-230223	W	02/23/23	0933		3			X	X	X	X
MW05A-W-230223	W	02/23/23	0948		3			X	X	X	X
MW018-W-230223	W	02/23/23	1006		3			X	X	X	X
MW015A-W-230223	W	02/23/23	1025		3			X	X	X	X
MW016A-W-230223	W	02/23/23	1041		3			X	X	X	X
MW010-W-230223	W	02/23/23	1153		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected o'n MST

880-25132 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Michael Pendergrass	[signature]	02/24/23 14:12	2		
3				4		
5				6		

Revised Date 051418 Rev 2018.1

Released to Imaging: 4/30/2024 9:27:34 AM
Received by OCD: 3/13/2024 8:06:07 PM

Chain of Custody

Work Order No: _____

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Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

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Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address.	1004 N Big Spring St.	Address.	
City, State ZIP	Midland, TX. 79701	City, State ZIP	
Phone:	303-471-2477	Email:	andrew.demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	X
P O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor		
Sample Custody Seals.	Yes No N/A	Total Containers:		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS). Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300 0)
MW04A-N-230223	W	02/23/23	1106		3			X	X	X	X
MW013-N-230223	W	02/23/23	1219		3			X	X	X	X
MW026-N-230223	W	02/23/23	1233		3			X	X	X	X
MW027-N-230223	W	02/23/23	1250		3			X	X	X	X
MW082-N-230223	W	02/23/23	1307		3			X	X	X	X
MW061-N-230223	W	02/23/23	1322		3			X	X	X	X
MW084-N-230223	W	02/23/23	1351		3			X	X	X	X
MW068-N-230223	W	02/23/23	1424		3			X	X	X	X
MW024A-N-230223	W	02/23/23	1453		3			X	X	X	X
MW062A-N-230223	W	02/23/23	1513		3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected in MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1 Michael Rodriguez		02/23/23/1812	2		
3			4		
5			6		

Revised Date 051418 Rev 2018,1

Released to Imaging: 4/30/2024 9:27:34 AM
Received by OCD: 3/13/2024 8:06:07 PM

Chain of Custody

XENCO LABORATORIES

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Midland TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

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Work Order No: _____

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP:	Midland, TX. 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew.demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	☒
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
DUP-3-W-230223	W	02/23/23			3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4 30pm

Sample Comments

All Samples Collected in MSJ

Loc: 880
25132

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		02/23/23 1812	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW-041A-W-230223 Lab Sample ID: 880-25132-1

Date Collected: 02/23/23 08:24 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	394		5.00	2.00	mg/L			03/05/23 18:17	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00981		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:49	1
Chromium	0.183		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:49	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:49	1
Manganese	0.000586	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1620		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.186		0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: IW023-W-230223 Lab Sample ID: 880-25132-2

Date Collected: 02/23/23 08:42 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	552		5.00	2.00	mg/L			03/05/23 18:29	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00969		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:52	1
Chromium	0.255		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:52	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:52	1
Manganese	0.000342	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2890		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.265		0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW093SA-W-230223 Lab Sample ID: 880-25132-3

Date Collected: 02/23/23 09:01 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	835		5.00	2.00	mg/L			03/05/23 18:41	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00831		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:54	1
Chromium	0.372		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:54	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW093SA-W-230223 Lab Sample ID: 880-25132-3

Date Collected: 02/23/23 09:01 Matrix: Water
Date Received: 02/23/23 18:12

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:54	1
Manganese	0.00728		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3600		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.389		0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW021A-W-230223 Lab Sample ID: 880-25132-4

Date Collected: 02/23/23 09:16 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2510		5.00	2.00	mg/L			03/05/23 18:54	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00961		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:56	1
Chromium	0.00250	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:56	1
Iron	0.0299	J	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:56	1
Manganese	0.0188		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5520		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW020A-W-230223 Lab Sample ID: 880-25132-5

Date Collected: 02/23/23 09:33 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	861		5.00	2.00	mg/L			03/05/23 19:06	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:59	1
Chromium	0.00886		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:59	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:59	1
Manganese	0.000267	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2070		20.0	20.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW020A-W-230223 Lab Sample ID: 880-25132-5

Date Collected: 02/23/23 09:33 **Matrix: Water**
Date Received: 02/23/23 18:12

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00393	J	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW09A-W-230223 Lab Sample ID: 880-25132-6

Date Collected: 02/23/23 09:48 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	318		0.500	0.200	mg/L			03/05/23 15:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00823		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:06	1
Chromium	0.000597	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:06	1
Iron	0.0435	J	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:06	1
Manganese	0.0112		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1330		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW018-W-230223 Lab Sample ID: 880-25132-7

Date Collected: 02/23/23 10:06 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		0.500	0.200	mg/L			03/05/23 15:36	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0100		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:08	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:08	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:08	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1190		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW015A-W-230223 Lab Sample ID: 880-25132-8

Date Collected: 02/23/23 10:25 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5080		50.0	20.0	mg/L			03/07/23 17:20	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00825		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:10	1
Chromium	0.00363	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:10	1
Iron	0.165		0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:10	1
Manganese	0.217		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	10300		100	100	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW016A-W-230223 Lab Sample ID: 880-25132-9

Date Collected: 02/23/23 10:41 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	644		5.00	2.00	mg/L			03/05/23 19:56	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00910		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:13	1
Chromium	0.0113		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:13	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:13	1
Manganese	0.000332	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1550		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00593	J	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW010-W-230223 Lab Sample ID: 880-25132-10

Date Collected: 02/23/23 11:53 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2160		5.00	2.00	mg/L			03/05/23 20:08	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00853		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:15	1
Chromium	0.0106		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:15	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW010-W-230223 Lab Sample ID: 880-25132-10

Date Collected: 02/23/23 11:53 Matrix: Water
Date Received: 02/23/23 18:12

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:15	1
Manganese	0.000834	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4970		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW04A-W-230223 Lab Sample ID: 880-25132-11

Date Collected: 02/23/23 12:06 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.7		0.500	0.200	mg/L			03/05/23 15:48	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0187		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:18	1
Chromium	0.00198	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:18	1
Manganese	0.000472	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	532		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW013-W-230223 Lab Sample ID: 880-25132-12

Date Collected: 02/23/23 12:19 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		5.00	2.00	mg/L			03/05/23 20:20	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00615		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:20	1
Chromium	0.468		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:20	1
Manganese	0.000232	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3700		40.0	40.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW013-W-230223 Lab Sample ID: 880-25132-12

Date Collected: 02/23/23 12:19 Matrix: Water
Date Received: 02/23/23 18:12

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.498		0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW026-W-230223 Lab Sample ID: 880-25132-13

Date Collected: 02/23/23 12:33 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		0.500	0.200	mg/L			03/05/23 16:01	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00745		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:19	1
Chromium	0.000621	J	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:19	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:19	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1140		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW027-W-230223 Lab Sample ID: 880-25132-14

Date Collected: 02/23/23 12:50 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364		5.00	2.00	mg/L			03/05/23 22:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00732		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:38	1
Chromium	0.000662	J	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:38	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:38	1
Manganese	0.000233	J	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1530		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW032-W-230223 Lab Sample ID: 880-25132-15

Date Collected: 02/23/23 13:05 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	479		5.00	2.00	mg/L			03/05/23 22:49	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00424		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:40	1
Chromium	0.00105	J	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:40	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:40	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1830		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW061-W-230223 Lab Sample ID: 880-25132-16

Date Collected: 02/23/23 13:22 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	935		5.00	2.00	mg/L			03/05/23 23:26	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0112		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:43	1
Chromium	0.805		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:43	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:43	1
Manganese	0.0305		0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4600		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.807		0.0500	0.0135	mg/L			02/24/23 08:30	5

Client Sample ID: MW094-W-230223 Lab Sample ID: 880-25132-17

Date Collected: 02/23/23 13:51 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	997		5.00	2.00	mg/L			03/05/23 23:38	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00956		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:45	1
Chromium	0.0626		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:45	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW094-W-230223 Lab Sample ID: 880-25132-17

Date Collected: 02/23/23 13:51 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:45	1
Manganese	**0.0111**		0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4420**		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0434**		0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW068-W-230223 Lab Sample ID: 880-25132-18

Date Collected: 02/23/23 14:24 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9840**		50.0	20.0	mg/L			03/06/23 00:15	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0139**		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:48	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:48	1
Iron	**0.153**		0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:48	1
Manganese	**2.66**		0.0400	0.00448	mg/L		02/27/23 10:00	02/28/23 16:10	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**18000**		100	100	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW024A-W-230223 Lab Sample ID: 880-25132-19

Date Collected: 02/23/23 14:53 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**879**		5.00	2.00	mg/L			03/05/23 23:50	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0115**		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:50	1
Chromium	**0.465**		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:50	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:50	1
Manganese	**0.000634**	**J**	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3120**		40.0	40.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW024A-W-230223 Lab Sample ID: 880-25132-19

Date Collected: 02/23/23 14:53 Matrix: Water
Date Received: 02/23/23 18:12

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.469		0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW062A-W-230223 Lab Sample ID: 880-25132-20

Date Collected: 02/23/23 15:13 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.5		0.500	0.200	mg/L			03/05/23 16:13	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0219		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:52	1
Chromium	0.00449		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:52	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:52	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	522		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: DUP-3-W-230223 Lab Sample ID: 880-25132-21

Date Collected: 02/23/23 00:00 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	546		5.00	2.00	mg/L			03/06/23 00:03	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00966		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:55	1
Chromium	0.267		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:55	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:55	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2940		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.270	H J	0.0100	0.00270	mg/L			02/24/23 09:15	1

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa FL (813-620-2000)

Work Order No: _____

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Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP	Midland, TX. 79701	City, State ZIP	
Phone:	303-471-2477 Email	andrew.demarco@arcadis.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	X
P.O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT			
Temperature (°C)	5.7/5.4	Temp Blank: Yes (No)	Wet Ice: (Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-.30
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

ANALYSIS REQUEST

880-25167 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW063A-W-230224	W	02/24/23	0802		3			X	X	X	X
MW088-W-230224	W	02/24/23	0822		3			X	X	X	X
MW070-W-230224	W	02/24/23	0840		3			X	X	X	X
MW030-W-230224	W	02/24/23	0900		3			X	X	X	X
MW058-W-230224	W	02/24/23	0915		3			X	X	X	X
MW059-W-230224	W	02/24/23	0935		3			X	X	X	X
MW023-W-230224	W	02/24/23	0957		3			X	X	X	X
MW031-W-230224	W	02/24/23	1019		3			X	X	X	X
MW060-W-230224	W	02/24/23	1035		3			X	X	X	X
DUP-4-W-230224	W	02/24/23	—		3			X	X	X	X

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		02/24/23/1515	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/13/2024 8:06:07 PM
Released to Imaging: 4/30/2024 9:27:34 AM
3/10/2023
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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW063A-W-230224 Lab Sample ID: 880-25167-1

Date Collected: 02/24/23 08:02 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		0.500	0.200	mg/L			03/06/23 15:48	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0221		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 12:51	1
Chromium	0.00166	J	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 12:51	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 12:51	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	500		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW099-W-230224 Lab Sample ID: 880-25167-2

Date Collected: 02/24/23 08:22 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.8		0.500	0.200	mg/L			03/06/23 17:18	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00722		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:10	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:10	1
Iron	0.233		0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:10	1
Manganese	0.0942		0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	502		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW070-W-230224 Lab Sample ID: 880-25167-3

Date Collected: 02/24/23 08:40 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427	B	0.500	0.200	mg/L			03/07/23 07:57	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:12	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW070-W-230224 Lab Sample ID: 880-25167-3

Date Collected: 02/24/23 08:40 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:12	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1440		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW030-W-230224 Lab Sample ID: 880-25167-4

Date Collected: 02/24/23 09:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		0.500	0.200	mg/L			03/06/23 18:11	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0162		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:15	1
Chromium	0.00151	J	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:15	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:15	1
Manganese	0.000478	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	712		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW058-W-230224 Lab Sample ID: 880-25167-5

Date Collected: 02/24/23 09:15 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		5.00	2.00	mg/L			03/06/23 18:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0120		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:17	1
Chromium	3.35		0.0800	0.0112	mg/L		02/27/23 19:48	02/28/23 16:03	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:17	1
Manganese	0.000360	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4260		40.0	40.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW058-W-230224 Lab Sample ID: 880-25167-5

Date Collected: 02/24/23 09:15 **Matrix: Water**
Date Received: 02/24/23 15:05

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.58		0.100	0.0270	mg/L			02/24/23 16:00	10

Client Sample ID: MW059-W-230224 Lab Sample ID: 880-25167-6

Date Collected: 02/24/23 09:35 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	909		5.00	2.00	mg/L			03/06/23 10:58	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0117		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:20	1
Chromium	0.529		0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:20	1
Manganese	0.00294		0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4030		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.559		0.100	0.0270	mg/L			02/24/23 16:00	10

Client Sample ID: MW023-W-230224 Lab Sample ID: 880-25167-7

Date Collected: 02/24/23 09:57 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	798		5.00	2.00	mg/L			03/06/23 18:48	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00770		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:22	1
Chromium	2.92		0.0800	0.0112	mg/L		02/27/23 19:48	02/28/23 16:05	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:22	1
Manganese	0.000720	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3290		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.37		0.100	0.0270	mg/L			02/24/23 16:00	10

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW031-W-230224 Lab Sample ID: 880-25167-8

Date Collected: 02/24/23 10:19 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		0.500	0.200	mg/L			03/06/23 18:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0451		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:24	1
Chromium	0.00112	J	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:24	1
Iron	1.20		0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:24	1
Manganese	0.768		0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	886		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW060-W-230224 Lab Sample ID: 880-25167-9

Date Collected: 02/24/23 10:35 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.00	mg/L			03/06/23 19:00	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000946	J	0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:27	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:27	1
Iron	0.167		0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:27	1
Manganese	5.11		0.100	0.0112	mg/L		02/27/23 19:48	02/28/23 16:08	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4250		40.0	40.0	mg/L			03/02/23 19:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: DUP-4-W-230224 Lab Sample ID: 880-25167-10

Date Collected: 02/24/23 00:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	939		5.00	2.00	mg/L			03/06/23 19:13	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0121		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:29	1
Chromium	0.539		0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:29	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-4-W-230224 **Lab Sample ID: 880-25167-10**
Date Collected: 02/24/23 00:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0918	J	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:29	1
Manganese	0.00128	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4140		40.0	40.0	mg/L			03/02/23 19:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.554		0.100	0.0270	mg/L			02/24/23 16:00	10

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3/13/2023

Chain of Custody

Work Order No: _____

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
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Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta GA (770-449-8800) Tampa,FL (813-620-2000)

www.xenco.com Page 1 of 3

Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	303-471-2477 Email:	andrew.demarco@arcadis.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	X
P O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C)	3.3/3.0	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-0.3	
Sample Custody Seals:	Yes No (N/A)	Total Containers.		

880-25230 Chain of Custody

TAT starts the day recevied by the lab, if received by 4.30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)	Sample Comments
MW095-W-230227	W	02/27/23	0805		3			X	X	X	X	All Samples Collected in MST
MW069-W-230227	W	02/27/23	0840		3			X	X	X	X	
MW012M-W-230227	W	02/27/23	0907		3			X	X	X	X	
MW089RM-W-230227	W	02/27/23	0921		3			X	X	X	X	
MW004A-W-230227	W	02/27/23	0948		3			X	X	X	X	
MW011A-W-230227	W	02/27/23	0956		3			X	X	X	X	
MW008M-W-230227	W	02/27/23	1011		3			X	X	X	X	
MW087A-W-230227	W	02/27/23	1022		3			X	X	X	X	
MW087RP-W-230227	W	02/27/23	1043		3			X	X	X	X	
MW057A-W-230227	W	02/27/23	1055		3			X	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

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1		2.27.23 1809	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

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Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

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Received by OCD: 3/13/2024 8:06:07 PM
3/13/2023
Page 50 of 55
Released to Imaging: 4/30/2024 9:27:34 AM

Chain of Custody

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Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: _____

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Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP	
Phone:	303-471-2477 Email:	andrew demarco@arcadis com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II [X] Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD [X] ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	X
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact.	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals.	Yes No N/A	Total Containers.		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS). Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300 0)
MW001-W-230227	W	02/27/23	1220		8	X	X	X	X	X	X
MW002A-W-230227	W	02/27/23	1241		3			X	X	X	X
MW004A-W-230227	W	02/27/23	1803		8	X	X	X	X	X	X
MW045-W-230227	W	02/27/23	1319		8	X	X	X	X	X	X
MW037-W-230227	W	02/27/23	1337		8	X	X	X	X	X	X
MW053-W-230227	W	02/27/23	1805		8	X	X	X	X	X	X
IW019-W-230227	W	02/27/23	1451		8	X	X	X	X	X	X
MW053SA-W-230227	W	02/27/23	1503		3			X	X	X	X
DUP-5-W-230222	W	02/22/23	—		3			X	X	X	X
DUP-6-W-230227	W	02/27/23	—		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected in MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

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1			2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

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3/13/2023

Chain of Custody

XENCO LABORATORIES

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Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

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Work Order No: _____

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew demarco@arcadis com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other:

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	☒
P O Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
DUP-7-W-230227	W	02/27/23			8	X	X	X	X	X	X
MW047-W-230227	W	02/27/23	1112		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4:30pm

Sample Comments

All Samples Collected In MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

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Relinquished by (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

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Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW095-W-230227 Lab Sample ID: 880-25230-1

Date Collected: 02/27/23 08:05 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120	B	5.00	2.00	mg/L			03/08/23 06:49	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00864		0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 14:10	1
Chromium	2.89		0.0800	0.0112	mg/L		03/02/23 08:30	03/02/23 16:55	20
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 08:30	03/02/23 14:10	1
Manganese	0.170		0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4550		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.80		0.100	0.0270	mg/L			02/28/23 07:25	10

Client Sample ID: MW069-W-230227 Lab Sample ID: 880-25230-2

Date Collected: 02/27/23 08:40 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8810	B	50.0	20.0	mg/L			03/08/23 19:25	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00684		0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 14:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/02/23 08:30	03/02/23 14:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 08:30	03/02/23 14:12	1
Manganese	0.198		0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 14:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15400		100	100	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW012M-W-230227 Lab Sample ID: 880-25230-3

Date Collected: 02/27/23 09:07 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020	B	5.00	2.00	mg/L			03/08/23 07:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0141		0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 14:14	1
Chromium	0.0118		0.00400	0.000560	mg/L		03/02/23 08:30	03/02/23 14:14	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW012M-W-230227 Lab Sample ID: 880-25230-3

Date Collected: 02/27/23 09:07 Matrix: Water
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	27.9		2.00	0.566	mg/L		03/02/23 08:30	03/02/23 16:58	20
Manganese	0.348		0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4510		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW088M-W-230227 Lab Sample ID: 880-25230-4

Date Collected: 02/27/23 09:21 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	914	B	5.00	2.00	mg/L			03/08/23 21:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00756		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:40	1
Chromium	0.0992		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:40	1
Iron	0.407		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:40	1
Manganese	1.31		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:01	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3920		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW009A-W-230227 Lab Sample ID: 880-25230-5

Date Collected: 02/27/23 09:40 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	625	B	5.00	2.00	mg/L			03/08/23 21:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0151		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:21	1
Chromium	0.597		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:21	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:21	1
Manganese	0.000517	J	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2440		20.0	20.0	mg/L			03/03/23 15:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW009A-W-230227 Lab Sample ID: 880-25230-5

Date Collected: 02/27/23 09:40 Matrix: Water
Date Received: 02/27/23 18:08

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.484		0.100	0.0270	mg/L			02/28/23 07:25	10

Client Sample ID: MW011A-W-230227 Lab Sample ID: 880-25230-6

Date Collected: 02/27/23 09:56 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309	B	0.500	0.200	mg/L			03/08/23 19:37	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0156		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:42	1
Chromium	0.0278		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:42	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:42	1
Manganese	0.0843		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1420		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0169		0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW008M-W-230227 Lab Sample ID: 880-25230-7

Date Collected: 02/27/23 10:11 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350	B	5.00	2.00	mg/L			03/08/23 22:00	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0138		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:44	1
Chromium	0.0284		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:44	1
Iron	71.6		2.00	0.566	mg/L		03/02/23 09:15	03/02/23 16:32	20
Manganese	2.45		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:32	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4820		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW087A-W-230227 Lab Sample ID: 880-25230-8

Date Collected: 02/27/23 10:22 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100	B	5.00	2.00	mg/L			03/08/23 22:48	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00319	J	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:47	1
Chromium	0.0760		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:47	1
Iron	7.44		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:47	1
Manganese	0.339		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3580		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW097P-W-230227 Lab Sample ID: 880-25230-9

Date Collected: 02/27/23 10:43 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	875	B	5.00	2.00	mg/L			03/08/23 23:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0107		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:49	1
Chromium	0.450		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:49	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:49	1
Manganese	0.0383		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3590		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.392		0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW007A-W-230227 Lab Sample ID: 880-25230-10

Date Collected: 02/27/23 10:55 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	765	B	5.00	2.00	mg/L			03/08/23 23:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:51	1
Chromium	0.776		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:51	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW007A-W-230227 Lab Sample ID: 880-25230-10

Date Collected: 02/27/23 10:55 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:51	1
Manganese	**0.000715**	**J**	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3260**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.699**		0.100	0.0270	mg/L			02/28/23 07:25	10

Client Sample ID: MW001-W-230227 Lab Sample ID: 880-25230-11

Date Collected: 02/27/23 12:20 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/28/23 19:19	1
Toluene	**0.000610**	**J**	0.00200	0.000367	mg/L			02/28/23 19:19	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/28/23 19:19	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/28/23 19:19	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/28/23 19:19	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/28/23 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*02/28/23 19:19*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*02/28/23 19:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/01/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.885	U	4.48	0.885	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 19:48	1
Diesel Range Organics (Over C10-C28)	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 19:48	1
OII Range Organics (Over C28-C36)	<0.854	U	4.48	0.854	mg/L		03/06/23 16:28	03/06/23 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 135*	*03/06/23 16:28*	*03/06/23 19:48*	*1*
o-Terphenyl	*121*		*70 - 135*	*03/06/23 16:28*	*03/06/23 19:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**251**	**B**	0.500	0.200	mg/L			03/08/23 23:48	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW001-W-230227 Lab Sample ID: 880-25230-11

Date Collected: 02/27/23 12:20 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00189	J	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:54	1
Chromium	0.00151	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:54	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:54	1
Manganese	1.22		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:39	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3080		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U UJ	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: MW002A-W-230227 Lab Sample ID: 880-25230-12

Date Collected: 02/27/23 12:41 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430	B	5.00	2.00	mg/L			03/09/23 00:23	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0179		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:56	1
Chromium	0.916		0.0800	0.0112	mg/L		03/02/23 09:15	03/02/23 16:41	20
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:56	1
Manganese	0.0175		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4060		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.834		0.100	0.0270	mg/L			02/28/23 08:40	10

Client Sample ID: MW046A-W-230227 Lab Sample ID: 880-25230-13

Date Collected: 02/27/23 13:03 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/28/23 19:39	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/28/23 19:39	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/28/23 19:39	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/28/23 19:39	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/28/23 19:39	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/28/23 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*		*02/28/23 19:39*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*02/28/23 19:39*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW046A-W-230227 Lab Sample ID: 880-25230-13

Date Collected: 02/27/23 13:03 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/01/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.874	U	4.42	0.874	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.874	U	4.42	0.874	mg/L		03/06/23 16:28	03/06/23 20:07	1
Diesel Range Organics (Over C10-C28)	<0.874	U	4.42	0.874	mg/L		03/06/23 16:28	03/06/23 20:07	1
OII Range Organics (Over C28-C36)	<0.844	U	4.42	0.844	mg/L		03/06/23 16:28	03/06/23 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:07*	*1*
o-Terphenyl	*124*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**705**	**B**	5.00	2.00	mg/L			03/09/23 01:11	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0102**		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:58	1
Chromium	**2.16**		0.0800	0.0112	mg/L		03/02/23 09:15	03/02/23 16:43	20
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:58	1
Manganese	**0.000725**	**J**	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3350**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**1.94**		0.0500	0.0135	mg/L			02/28/23 08:40	5

Client Sample ID: MW045-W-230227 Lab Sample ID: 880-25230-14

Date Collected: 02/27/23 13:19 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *- *1	UJ	0.00200	0.000408	mg/L		03/03/23 12:57	1
Toluene	<0.000367	U *- *1	UJ	0.00200	0.000367	mg/L		03/03/23 12:57	1
Ethylbenzene	<0.000657	U *- *1	UJ	0.00200	0.000657	mg/L		03/03/23 12:57	1
m-Xylene & p-Xylene	**0.000637**	**J *- *+ *1**	J	0.00400	0.000629	mg/L		03/03/23 12:57	1
o-Xylene	<0.000642	U *- *+ *1	UJ	0.00200	0.000642	mg/L		03/03/23 12:57	1
Xylenes, Total	<0.000642	U *- *+ *1	UJ	0.00400	0.000642	mg/L		03/03/23 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*03/03/23 12:57*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW045-W-230227 Lab Sample ID: 880-25230-14

Date Collected: 02/27/23 13:19 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*		*03/03/23 12:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.962	U	4.87	0.962	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.962	U	4.87	0.962	mg/L		03/06/23 16:28	03/06/23 20:27	1
Diesel Range Organics (Over C10-C28)	<0.962	U	4.87	0.962	mg/L		03/06/23 16:28	03/06/23 20:27	1
OII Range Organics (Over C28-C36)	<0.929	U	4.87	0.929	mg/L		03/06/23 16:28	03/06/23 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*96*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:27*	*1*
o-Terphenyl	*122*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.1**	B	0.500	0.200	mg/L			03/08/23 20:37	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00230**	J	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:10	1
Chromium	**0.0161**		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:10	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:10	1
Manganese	**0.0933**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1310**		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: MW037A-W-230227 Lab Sample ID: 880-25230-15

Date Collected: 02/27/23 13:37 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00346**	*- *1 J	0.00200	0.000408	mg/L			03/03/23 13:17	1
Toluene	<0.000367	U *- *1 UJ	0.00200	0.000367	mg/L			03/03/23 13:17	1
Ethylbenzene	**0.0244**	*- *1 J	0.00200	0.000657	mg/L			03/03/23 13:17	1
m-Xylene & p-Xylene	**0.000773**	J *- *+ *1 J	0.00400	0.000629	mg/L			03/03/23 13:17	1
o-Xylene	**0.00107**	J *- *+ *1 J	0.00200	0.000642	mg/L			03/03/23 13:17	1

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW037A-W-230227 Lab Sample ID: 880-25230-15

Date Collected: 02/27/23 13:37 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	0.00184	J *- *+ *1 J	0.00400	0.000642	mg/L			03/03/23 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*		*03/03/23 13:17*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*		*03/03/23 13:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0297		0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	0.945	J	4.76	0.941	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.941	U	4.76	0.941	mg/L		03/06/23 16:28	03/06/23 20:46	1
Diesel Range Organics (Over C10-C28)	0.945	J	4.76	0.941	mg/L		03/06/23 16:28	03/06/23 20:46	1
OII Range Organics (Over C28-C36)	<0.908	U	4.76	0.908	mg/L		03/06/23 16:28	03/06/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:46*	*1*
o-Terphenyl	*122*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	303	B	0.500	0.200	mg/L			03/08/23 20:49	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0611		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:13	1
Chromium	0.000790	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:13	1
Iron	5.38	J	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:13	1
Manganese	0.169		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1230		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: MW043-W-230227 Lab Sample ID: 880-25230-16

Date Collected: 02/27/23 14:05 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *- *1 UJ	0.00200	0.000408	mg/L			03/03/23 13:38	1
Toluene	<0.000367	U *- *1 UJ	0.00200	0.000367	mg/L			03/03/23 13:38	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW043-W-230227 **Lab Sample ID: 880-25230-16**
Date Collected: 02/27/23 14:05 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.000688	J *- *1	0.00200	0.000657	mg/L			03/03/23 13:38	1
m-Xylene & p-Xylene	0.00106	J *- *+ *1	0.00400	0.000629	mg/L			03/03/23 13:38	1
o-Xylene	0.00135	J *- *+ *1	0.00200	0.000642	mg/L			03/03/23 13:38	1
Xylenes, Total	0.00241	J *- *+ *1	0.00400	0.000642	mg/L			03/03/23 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*03/03/23 13:38*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*		*03/03/23 13:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00310	J	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.885	U	4.48	0.885	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 21:06	1
Diesel Range Organics (Over C10-C28)	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 21:06	1
Oil Range Organics (Over C28-C36)	<0.854	U	4.48	0.854	mg/L		03/06/23 16:28	03/06/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:06*	*1*
o-Terphenyl	*116*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	454	B	0.500	0.200	mg/L			03/09/23 01:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00533		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:15	1
Chromium	0.000665	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:15	1
Iron	0.136		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:15	1
Manganese	0.353		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1610		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: IW019-W-230227 Lab Sample ID: 880-25230-17

Date Collected: 02/27/23 14:31 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *- *1 UJ	0.00200	0.000408	mg/L			03/03/23 13:58	1
Toluene	<0.000367	U *- *1	0.00200	0.000367	mg/L			03/03/23 13:58	1
Ethylbenzene	<0.000657	U *- *1	0.00200	0.000657	mg/L			03/03/23 13:58	1
m-Xylene & p-Xylene	<0.000629	U *- *+ *1	0.00400	0.000629	mg/L			03/03/23 13:58	1
o-Xylene	<0.000642	U *- *+ *1	0.00200	0.000642	mg/L			03/03/23 13:58	1
Xylenes, Total	<0.000642	U *- *+ *1	0.00400	0.000642	mg/L			03/03/23 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/03/23 13:58*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*		*03/03/23 13:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.938	U	4.75	0.938	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.938	U	4.75	0.938	mg/L		03/09/23 16:01	03/10/23 13:50	1
Diesel Range Organics (Over C10-C28)	<0.938	U	4.75	0.938	mg/L		03/09/23 16:01	03/10/23 13:50	1
OII Range Organics (Over C28-C36)	<0.905	U	4.75	0.905	mg/L		03/09/23 16:01	03/10/23 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 135*	*03/09/23 16:01*	*03/10/23 13:50*	*1*
o-Terphenyl	*110*		*70 - 135*	*03/09/23 16:01*	*03/10/23 13:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**880**	B	5.00	2.00	mg/L			03/09/23 01:59	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00909**		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:17	1
Chromium	**0.489**		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:17	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:17	1
Manganese	**0.0435**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3380**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.469**		0.100	0.0270	mg/L			02/28/23 08:40	10

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW053SA-W-230227 Lab Sample ID: 880-25230-18

Date Collected: 02/27/23 15:02 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	667		5.00	2.00	mg/L			03/09/23 00:11	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0122		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:20	1
Chromium	0.00438		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:20	1
Manganese	0.000549	J	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1940		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: DUP-5-W-230227 Lab Sample ID: 880-25230-19

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		0.500	0.200	mg/L			03/08/23 21:30	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0119		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:22	1
Chromium	0.0423		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:22	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:22	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1560		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0349	H J	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: DUP-6-W-230227 Lab Sample ID: 880-25230-20

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		5.00	2.00	mg/L			03/09/23 00:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0170		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:24	1
Chromium	0.909	J	0.0800	0.0112	mg/L		03/02/23 09:15	03/02/23 16:46	20

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-6-W-230227 Lab Sample ID: 880-25230-20

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:24	1
Manganese	**0.0172**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4040**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.812**	H J	0.0500	0.0135	mg/L			02/28/23 08:40	5

Client Sample ID: DUP-7-W-230227 Lab Sample ID: 880-25230-21

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *1 *-	UJ 0.00200	0.000408	mg/L			03/03/23 14:19	1
Toluene	<0.000367	U *1 *-	UJ 0.00200	0.000367	mg/L			03/03/23 14:19	1
Ethylbenzene	<0.000657	U *1 *-	UJ 0.00200	0.000657	mg/L			03/03/23 14:19	1
m-Xylene & p-Xylene	**0.00116**	J *+ *1 *-	J 0.00400	0.000629	mg/L			03/03/23 14:19	1
o-Xylene	**0.00154**	J *+ *1 *-	J 0.00200	0.000642	mg/L			03/03/23 14:19	1
Xylenes, Total	**0.00270**	J *+ *1 *-	J 0.00400	0.000642	mg/L			03/03/23 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*		*03/03/23 14:19*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*		*03/03/23 14:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00270**	**J**	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.898	U	4.55	0.898	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.898	U	4.55	0.898	mg/L		03/06/23 16:28	03/06/23 21:25	1
Diesel Range Organics (Over C10-C28)	<0.898	U	4.55	0.898	mg/L		03/06/23 16:28	03/06/23 21:25	1
OII Range Organics (Over C28-C36)	<0.867	U	4.55	0.867	mg/L		03/06/23 16:28	03/06/23 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:25*	*1*
o-Terphenyl	*117*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**522**		5.00	2.00	mg/L			03/09/23 01:25	10

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-7-W-230227 Lab Sample ID: 880-25230-21

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00576		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:27	1
Chromium	0.000564	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:27	1
Iron	0.191	J	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:27	1
Manganese	0.421		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:48	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1800		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U ~~H~~ UJ	0.0100	0.00270	mg/L			02/28/23 09:35	1

Client Sample ID: MW047-W-230227 Lab Sample ID: 880-25230-22

Date Collected: 02/27/23 11:12 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		0.500	0.200	mg/L			03/09/23 01:38	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0118		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:29	1
Chromium	0.0414		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:29	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:29	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1740		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0329		0.0100	0.00270	mg/L			02/28/23 09:35	1

ARCADIS

Chevron North Eunice

DATA REVIEW

North Eunice, New Mexico

Total Petroleum Hydrocarbons, Metals and Miscellaneous Analyses

SDGs # 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1

Analyses Performed By:

Eurofins Laboratories

Midland, and Stafford TX

Report # 52360R
Review Level: Tier II
Project: 30109021.00003

Summary

This data quality assessment summarizes the review of Sample Delivery Groups (SDGs) # 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1 for samples collected in association with the Chevron North Eunice Site. The review was conducted as a Tier II evaluation and included review of data package completeness. Only analytical data associated with constituents of concern were reviewed for this validation. Field documentation was not included in this review. Included with this assessment are the validation annotated sample result sheets and chain of custody. Analyses were performed on the following samples:

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	Misc.
880-33996-1	MW-043-W-20231003	880-33996-1	Water	10/03/2023		X	X	X	X
	MW-Dup-01-W-20231003	880-33996-2	Water	10/03/2023	MW-043-W-20231003	X	X	X	X
	MW-046A-W-20231003	880-33996-3	Water	10/03/2023		X	X	X	X
	MW-0935A-W-20231003	880-33996-4	Water	10/03/2023				X	X
	MW-018-W-20231003	880-33996-5	Water	10/03/2023				X	X
	MW-015AW-20231003	880-33996-6	Water	10/03/2023				X	X
880-34041-1	MW-032-W-20231004	880-34041-1	Water	10/04/2023				X	X
	MW-061-W-20231004	880-34041-2	Water	10/04/2023				X	X
	MW-068-W-20231004	880-34041-3	Water	10/04/2023				X	X
	MW-069-W-20231004	880-34041-4	Water	10/04/2023				X	X
	MW-095-W-20231004	880-34041-5	Water	10/04/2023				X	X
	MW-13-W-20231004	880-34041-6	Water	10/04/2023				X	X
	MW-070-W-20231004	880-34041-7	Water	10/04/2023				X	X
	MW-047-W-20231004	880-34041-8	Water	10/04/2023				X	X
	MW-007A-W-20231004	880-34041-9	Water	10/04/2023				X	X
	MW-011A-W-20231004	880-34041-10	Water	10/04/2023				X	X
	DUP-02-W-20231004	880-34041-11	Water	10/04/2023	MW-047-W-20231004			X	X
880-34083-1	MW-023-W-20231005	880-34083-1	Water	10/05/2023				X	X
	MW-050SA-W-20231005	880-34083-2	Water	10/05/2023				X	X
	MW-057SA-W-20231005	880-34083-3	Water	10/05/2023				X	X
	MW-056SA-W-20231005	880-34083-4	Water	10/05/2023				X	X
	MW-085SA-W-20231005	880-34083-5	Water	10/05/2023				X	X
	MW-084SA-W-20231005	880-34083-6	Water	10/05/2023				X	X
	MW-075SA-W-20231005	880-34083-7	Water	10/05/2023				X	X
	MW-100-W-20231005	880-34083-8	Water	10/05/2023				X	X
	MW-073SA-W-20231005	880-34083-9	Water	10/05/2023				X	X
	MW-086SA-W-20231005	880-34083-10	Water	10/05/2023				X	X
880-34109-1	MW-067SA-W-20231006	880-34109-1	Water	10/06/2023				X	X
	MW-053SA-W-20231006	880-34109-2	Water	10/06/2023				X	X
	MW-049SA-W-20231006	880-34109-3	Water	10/06/2023				X	X
	MW-054SA-W-20231006	880-34109-4	Water	10/06/2023				X	X

DATA REVIEW REPORT

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	Misc.
	DUP-03-W-20231006	880-34109-5	Water	10/06/2023	MW-053SA-W-20231006			X	X

Notes:
VOC – volatile organic compounds.
TPH - total petroleum hydrocarbons.
MET - metals.
MISC - miscellaneous includes hexavalent chromium, chloride and total dissolved solids.

Analytical Data Package Documentation

The table below is the evaluation of the data package completeness.

Items Reviewed	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
1. Sample receipt condition		X		X	
2. Requested analyses and sample results		X		X	
3. Master tracking list		X		X	
4. Methods of analysis		X		X	
5. Reporting limits		X		X	
6. Sample collection date		X		X	
7. Laboratory sample received date		X		X	
8. Sample preservation verification (as applicable)		X		X	
9. Sample preparation/extraction/analysis dates		X		X	
10. Fully executed Chain-of-Custody (COC) form		X		X	
11. Narrative summary of QA or sample problems provided		X		X	
12. Data Package Completeness and Compliance		X		X	

Note:
QA - Quality Assurance

Organic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Methods 8015 B (NM) and 8260D. Data were reviewed in accordance USEPA National Functional Guidelines NFG for Organic Superfund Methods Data Review, EPA-540-R-20-005 (November 2020), with reference to the historical (USEPA Contract Laboratory Program National Functional Guidelines for Organic Data Review, OSWER 9240.1-05A-P, October 1999, as appropriate).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and had already been subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with USEPA National Functional Guidelines:

- Concentration (C) Qualifiers

  U The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

  B The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect.

- Quantitation (Q) Qualifiers

  E The compound was quantitated above the calibration range.

  D Concentration is based on a diluted sample analysis.

- Validation Qualifiers

  J The compound was positively identified; however, the associated numerical value is an estimated concentration only.

  UJ The compound was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.

  JN The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification. The associated numerical value is an estimated concentration only.

  UB Compound considered non-detect at the listed value due to associated blank contamination.

  N The analysis indicates the presence of a compound for which there is presumptive evidence to make a tentative identification.

  R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Volatile Organic Compound (VOC) Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 8260D	Water	14 days from collection to analysis (preserved)	Cool to <6 °C; preserved to a pH of less than 2 s.u.

Note:

s.u. - Standard units

SDG # 880-33996-1: All samples were analyzed within the specified holding time criteria.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

SDG # 880-33996-1: Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. VOC analysis requires that all surrogates associated with the analysis exhibit recoveries within the laboratory-established acceptance limits.

SDG # 880-33996-1: All surrogate recoveries were within control limits.

4. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

SDG # 880-33996-1: MS/MSD analysis was not performed on samples from this SDGs.

5. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS/LCSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

SDG # 880-33996-1: All compounds associated with the LCS/LCSD analysis exhibited recoveries and RPDs within the control limits.

6. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices. SDG # 880-33996-1: Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compounds	Sample Result	Duplicate Result	RPD
MW-043-W-20231003 / MW-Dup-01-W-20231003	All compounds	U	U	AC

Note:
AC - Acceptable

7. System Performance and Overall Assessment

SDG # 880-33996-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

DATA VALIDATION CHECKLIST FOR VOCs

VOCs: SW-846 8260D	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY/MASS SPECTROMETRY (GC/MS)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
C. Trip blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X		X	
Dilution Factor		X		X	

Notes:

%R - Percent recovery

RPD - Relative percent difference

Total Petroleum Hydrocarbons Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
TPH by SW-846 8015 B(NM)	Water	14 days from collection to extraction and 40 days from extraction to analysis	Cool to <6 °C

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank (common laboratory contaminant compounds are calculated at ten times) is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Compounds were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Surrogates/System Monitoring Compounds

All samples to be analyzed for organic compounds are spiked with surrogate compounds prior to sample preparation to evaluate overall laboratory performance and efficiency of the analytical technique. The analysis requires surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

SDG# 880-33996-1: Sample ID associated with surrogates exhibiting recoveries outside of the control limits presented in the following table.

Sample ID	Surrogate	Recovery
MW-046A-W-20231003	o-Terphenyl	> UL

Note:
Upper control limit (UL)

The criteria used to evaluate the surrogate recoveries are presented in the following table. In the case of a surrogate deviation, the sample results associated with the deviant fraction are qualified as documented in the table below.

Control Limit	Sample Result	Qualification
> UL	Non-detect	No Action
	Detect	J
< LL but > 10%	Non-detect	UJ
	Detect	J
< 10%	Non-detect	R
	Detect	J

Control Limit	Sample Result	Qualification
Surrogates diluted below the calibration curve due to the high concentration of a target compounds	Non-detect	J

4. Matrix Spike/Matrix Spike Duplicate (MS/MSD) Analyses

MS/MSD data are used to assess the precision and accuracy of the analytical method. The compounds used to perform the MS/MSD analysis must exhibit a percent recovery within the laboratory-established acceptance limits. The relative percent difference (RPD) between the MS/MSD recoveries must exhibit an RPD within the laboratory-established acceptance limits.

Note: The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the compound concentration detected in the parent sample exceeds the MS/MSD concentration by a factor of four or greater.

SDG# 880-33996-1: MS/MSD analysis was not performed on samples from this SDG.

5. Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate Analysis (LCSD)

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The compounds associated with the LCS analysis must exhibit a percent recovery within the laboratory-established acceptance limits.

SDG# 880-33996-1: All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits.

6. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

SDG# 880-33996-1: Results for duplicate samples are summarized in the following table.

Sample ID/Duplicate ID	Compounds	Sample Result (mg/L)	Duplicate Result (mg/L)	RPD
MW-043-W-20231003/ MW-Dup-01-W-20231003	Total TPH	U	U	AC

Note:
AC- Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

7. System Performance and Overall Assessment

SDG# 880-33996-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist For TPH

TPH: SW-846 8015B (NM)	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
GAS CHROMATOGRAPHY (GC/FID)					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R	X				X
Matrix Spike Duplicate (MSD) %R	X				X
MS/MSD Precision (RPD)	X				X
Field/Lab Duplicate (RPD)		X		X	
Surrogate Spike Recoveries		X	X		
Dilution Factor		X		X	

Notes:
%R - percent recovery
RPD - relative percent difference

Inorganic Analysis Introduction

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Methods 6020A, 7196A, EPA 300, and SM 2540C. Data were reviewed in accordance with USEPA National Functional Guidelines NFG for Inorganic Superfund Methods Data Review, EPA-540-R-20-006 (November 2020), with reference to the historical (USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Data Review, OSWER 9240.1-05A-P, October 2004, as appropriate).

The data review process is an evaluation of data on a technical basis rather than a determination of contract compliance. As such, the standards against which the data are being weighed may differ from those specified in the analytical method. It is assumed that the data package represents the best efforts of the laboratory and that it was already subjected to adequate and sufficient quality review prior to submission.

During the review process, laboratory qualified and unqualified data are verified against the supporting documentation. Based on this evaluation, qualifier codes may be added, deleted, or modified by the data reviewer. Results are qualified with the following codes in accordance with the USEPA National Functional Guidelines:

- Concentration (C) Qualifiers
  - U The analyte was analyzed for but not detected. The associated value is the analyte instrument detection limit.
  - J The reported value was obtained from a reading less than the reporting limit (RL), but greater than or equal to the method detection limit (MDL).
- Quantitation (Q) Qualifiers
  - E The reported value is estimated due to the presence of interference.
  - N Spiked sample recovery is not within control limits.
  - * Duplicate analysis is not within control limits.
- Validation Qualifiers
  - J The analyte was positively identified; however, the associated numerical value is an estimated concentration only.
  - UJ The analyte was not detected above the reporting limit. However, the reported limit is approximate and may or may not represent the actual limit of detection.
  - UB Analyte considered non-detect at the listed value due to associated blank contamination.
  - R The sample results are rejected.

Two facts should be noted by all data users. First, the "R" flag means that the associated value is unusable. In other words, due to significant quality control (QC) problems, the analysis is invalid and provides no information as to whether the compound is present or not. "R" values should not appear on data tables because they cannot be relied upon, even as a last resort. The second fact to keep in mind is that no compound concentration, even if it has passed all QC tests, is guaranteed to be accurate. Strict QC serves to increase confidence in data but any value potentially contains error.

Metals Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
SW-846 6020A	Water	180 days from collection to analysis	Preserved to a pH of less than 2.

All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

SDGs# 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1: Analytes were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Matrix Spike/Matrix Spike Duplicate (MS/MSD)/Laboratory Duplicate Analysis

MS/MSD and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.1 MS/MSD Analysis

All metal analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

SDG # 880-33996-1: MS/MSD analysis was performed on sample ID MW-043-W-20231003, exhibited acceptable recoveries and RPDs.

SDG # 880-34041-1: MS/MSD analysis was performed on sample ID MW-032-W-20231004, exhibited acceptable recoveries and RPDs.

SDGs# 880-34083-1 and 880-34109-1: MS/MSD analysis was not performed on samples from these SDGs.

3.2 Laboratory Duplicate Analysis

The laboratory duplicates relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices and 35% for soil matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices and two times the RL for soil matrices.

SDGs# 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1: Laboratory duplicate analysis was not performed on samples from these SDGs.

4. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices.

SDG# 880-34083-1: Field duplicate sample was not collected for the samples from this SDG.

SDGs# 880-33996-1, 880-34041-1 and 880-34109-1: Results for duplicate samples are summarized in the following table.

SDGs	Sample ID/Duplicate ID	Analytes	Sample Result (mg/l)	Duplicate Result (mg/l)	RPD
880-33996-1	MW-043-W-20231003 / MW-Dup-01-W-20231003	Arsenic	0.006	0.005	AC
		Chromium	0.001	0.001	AC
		Iron	U	U	AC
		Manganese	0.464	0.403	14.1%
880-34041-1	MW-047-W-20231004 / DUP-02-W-20231004	Arsenic	0.010	0.011	AC
		Chromium	0.067	0.069	3.4%
		Manganese	0.002 U	0.001 J	AC
880-34109-1	MW-053SA-W-20231006 / DUP-03-W-20231006	Arsenic	0.011	0.012	AC
		Chromium	0.002 J	0.002 J	AC
		Manganese	0.002 J	0.002	AC

Note:
AC - Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

5. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS/LCSD analysis must exhibit a percent recovery between the control limits of 80% and 120%.

SDGs# 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1: The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

SDGs# 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist For Metal

METALS; SW-846 6020A	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)					
Tier II Validation					
Holding Times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Instrument Blanks	X				X
B. Method Blanks		X		X	
C. Equipment/Field Blanks	X				X
Laboratory Control Sample (LCS)		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Lab Duplicate (RPD)	X				X
Field Duplicate (RPD)		X		X	
ICP Serial Dilution %D	X				X
Reporting Limit Verification		X		X	

Notes:
%R Percent recovery
RPD Relative percent difference
%D Percent difference

General Chemistry Analyses

1. Holding Times

The specified holding times for the following methods are presented in the following table.

Method	Matrix	Holding Time	Preservation
Hexavalent chromium by SW-846 7196A	Water	24 hours from collection to analysis	Cool to <6 °C.
Chloride by EPA 300.0	Water	28 days from collection to analysis	Cool to <6 °C.
Total Dissolved Solids by SM 2540C	Water	7 days from collection to analysis	Cool to <6 °C.

SDGs# 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1: All samples were analyzed within the specified holding times.

2. Blank Contamination

Quality assurance (QA) blanks (i.e., method and rinse blanks) are prepared to identify any contamination which may have been introduced into the samples during sample preparation or field activity. Method blanks measure laboratory contamination. Rinse blanks measure contamination of samples during field operations.

A blank action level (BAL) of five times the concentration of a detected compound in an associated blank is calculated for QA blanks containing concentrations greater than the method detection limit (MDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

SDGs# 880-33996-1, 880-34041-1, 880-34083-1, and 880-34109-1: Analytes were not detected above the MDL in the associated blanks; therefore, detected sample results were not associated with blank contamination.

3. Matrix Spike (MS)/Laboratory Duplicate Analysis

MS and laboratory duplicate data are used to assess the precision and accuracy of the analytical method.

3.1 MS/MSD Analysis

All analytes must exhibit a percent recovery within the established acceptance limits of 75% to 125%. The MS/MSD recovery control limits do not apply for MS/MSD performed on sample locations where the analyte's concentration detected in the parent sample exceeds the MS concentration by a factor of four or greater. In instance where this is true, the data will not be qualified even if the percent recovery does not meet the control limits and the laboratory flag will be removed.

SDG # 880-33996-1: MS/MSD analysis was performed on sample MW-046A-W-20231003 for chloride, on sample MW-Dup-01-W-20231003 for hexavalent chromium. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-34041-1: MS/MSD analysis was performed on sample MW-032-W-20231004 and MW-069-W-20231004 for hexavalent chromium analysis. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-34083-1: MS/MSD analysis was performed on sample MW-073SA-W-20231005 for chloride, on samples MW-023-W-20231005 and MW-085SA-W-20231005 for hexavalent chromium MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-34109-1: MS/MSD analysis was performed on sample MW-067SA-W-20231006 for hexavalent chromium. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

3.2 Laboratory Duplicate Analysis

The laboratory duplicates relative percent difference (RPD) criterion is applied when parent and duplicate sample concentrations are greater than or equal to 5 times the RL. A control limit of 20% for water matrices is applied when the criteria above is true. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of one time the RL is applied for water matrices.

SDG# 880-34041-1: A laboratory duplicate analysis was performed on sample MW-032-W-20231004 and MW-061-W-20231004 for total dissolved solids, exhibited acceptable RPDs.

SDG# 880-33996-1: A laboratory duplicate analysis was performed on sample MW-043-W-20231003, exhibited acceptable RPDs.

SDG# 880-34083-1: A laboratory duplicate analysis was performed on sample MW-023-W-20231005 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-34109-1: A laboratory duplicate analysis was performed on sample MW-067SA-W-20231006 and MW-053SA-W-20231006 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

4. Field Duplicate Analysis

Field duplicate analysis is used to assess the overall precision of the field sampling procedures and analytical method. A control limit of 30% for water matrices is applied to the RPD between the parent sample and the field duplicate. In the instance when the parent and/or duplicate sample concentrations are less than or equal to 5 times the RL, a control limit of two times the RL is applied for water matrices or three times the RL is applied for soil matrices.

SDG# 880-34083-1: Field duplicate sample was not collected for the samples from this SDG.

SDGs# 880-33996-1, 880-34041-1 and 880-34109-1: Results for duplicate samples are summarized in the following table.

SDGs	Sample ID/Duplicate ID	Analytes	Sample Result (mg/l)	Duplicate Result (mg/l)	RPD
880-33996-1	MW-043-W-20231003 / MW-Dup-01-W-20231003	Chloride	417	433	3.8%
		Total Dissolved Solids	1640	1700	3.6%
		Cr (VI)	U	U	AC
880-34041-1	MW-047-W-20231004 / DUP-02-W-20231004	Chloride	146	142	2.8%
		Total Dissolved Solids	1690	1590	6.1%
		Cr (VI)	0.0578	0.0583	0.9%
880-34109-1	MW-053SA-W-20231006/ DUP-03-W-20231006	Chloride	610	639	4.6%
		Total Dissolved Solids	2140	1970	8.3%
		Cr (VI)	U	U	AC

Note:
AC- Acceptable

The calculated RPDs between the parent sample and field duplicate were acceptable.

5. Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) Analysis

The LCS/LCSD analysis is used to assess the precision and accuracy of the analytical method independent of matrix interferences. The analytes associated with the LCS/LCSD analysis must exhibit a percent recovery between the control limits of 80% and 120%.

SDGs# 880-33996-1, 880-34041-1, 880-34083-1 and 880-34109-1: The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

SDGs# 880-33996-1, 880-34041-1, 880-34083-1 and 880-34109-1: Overall system performance was acceptable. Other than for those deviations specifically mentioned in this review, the overall data quality is within the guidelines specified in the method.

Data Validation Checklist For General Chemistry

General Chemistry: SW7196A, EPA 300.0 and SM 2540C	Reported		Performance Acceptable		Not Required
	No	Yes	No	Yes	
Miscellaneous Instrumentation					
Tier II Validation					
Holding times		X		X	
Reporting limits (units)		X		X	
Blanks					
A. Method blanks		X		X	
B. Equipment blanks	X				X
Laboratory Control Sample (LCS) %R		X		X	
Laboratory Control Sample Duplicate (LCSD) %R		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS) %R		X		X	
Matrix Spike Duplicate (MSD) %R		X		X	
MS/MSD Precision (RPD)		X		X	
Lab Duplicate (RPD)	X				X
Field Duplicate (RPD)		X		X	
Dilution Factor		X		X	

Notes:
%RSD - Relative standard deviation
%R - Percent recovery
RPD - Relative percent difference

DATA REVIEW REPORT

ARCADIS

VALIDATION PERFORMED BY: Bhagyashree Fulzele

SIGNATURE: 

DATE: December 22, 2023

PEER REVIEW: Dennis Capria

DATE: December 29, 2023

CHAIN OF CUSTODY

CORRECTED SAMPLE ANALYSIS DATA SHEETS

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing

339960

Client Information	Sampler: Heath Boyd	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6968-983 1
Client Contact: ~~Sonia~~ Nadya Cintron Franqui	Phone: 575-390-4618	E-Mail: John Builes@et.eurofinsus com	State of Origin: NM	Page: ~~1 of 4~~ 1 of 1
Company: ARCADIS US Inc	PWSID:	Analysis Requested		Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested			Preservation Codes: A HCL; B - NaOH; C - Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G - Amchlor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4-5; Y Trizma; Z other (specify); Other:
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-2339	PO #: Purchase Order not required			
Email: ~~Andrew.DeMarco@arcadis.com~~ Nadya.CintronFranqui@arcadis.com	WO #:			
Project Name: Eunice North	Project #: ~~88000209~~ 30180473			
Site: Lea County, NM	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D	N	A	A		
MW-043-W-20231003	10/3/23	1025	G	Water			X	X	X	X	X		
MW-Dup-01-W-20231003	10/3/23	N/A		Water			X	X	X	X	X		
MW-046A-W-20231003	10/3/23	1220		Water			X	X	X	X	X		
MW-093SA-W-20231003	10/3/23	1250		Water			X	X	X				
MW-018-W-20231003	10/3/23	1305		Water			X	X	X				
MW-015A-W-20231003	10/3/23	1330	X	Water			X	X	X				
				Water									
				Water									
				Water									
				Water									
				Water									

880-33996 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/03/23 1650	Arcadis		10/5/23	
Relinquished by	Date/Time	Company	Received by	Date/Time 1649	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 5.8 | 5.5

Ver 01/16/2019

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10/26/2023 (Rev. 1)
Received by OCD: 3/13/2024 8:06:07 PM
Released to Imaging: 4/30/2024 9:27:34 AM

Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-043-W-20231003

Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:13	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:13	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:13	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:13	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:13	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/17/23 14:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/17/23 14:13*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/17/23 14:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/17/23 14:13*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<1.01	U	5.12	1.01	mg/L			10/10/23 20:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.01	U	5.12	1.01	mg/L		10/10/23 08:01	10/10/23 20:25	1
Diesel Range Organics (Over C10-C28)	<1.01	U	5.12	1.01	mg/L		10/10/23 08:01	10/10/23 20:25	1
Oil Range Organics (Over C28-C36)	<0.976	U	5.12	0.976	mg/L		10/10/23 08:01	10/10/23 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:25*	*1*
o-Terphenyl	*134*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**417**		0.500	0.250	mg/L			10/11/23 00:20	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00632**		0.00400	0.000690	mg/L		10/06/23 11:00	10/10/23 13:27	1
Chromium	**0.00101**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/10/23 13:27	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/10/23 13:27	1
Manganese	**0.464**		0.0100	0.00380	mg/L		10/06/23 11:00	10/09/23 13:10	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1640**		20.0	20.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-Dup-01-W-20231003

Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:34	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:34	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:34	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:34	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:34	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*10/17/23 14:34*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/17/23 14:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/17/23 14:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*10/17/23 14:34*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.929	U	4.70	0.929	mg/L			10/10/23 20:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.929	U	4.70	0.929	mg/L		10/10/23 08:01	10/10/23 20:46	1
Diesel Range Organics (Over C10-C28)	<0.929	U	4.70	0.929	mg/L		10/10/23 08:01	10/10/23 20:46	1
Oil Range Organics (Over C28-C36)	<0.897	U	4.70	0.897	mg/L		10/10/23 08:01	10/10/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:46*	*1*
o-Terphenyl	*130*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**433**		0.500	0.250	mg/L			10/11/23 00:41	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00525**		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:51	1
Chromium	**0.000792**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:51	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:51	1
Manganese	**0.403**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1700**		20.0	20.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-046A-W-20231003

Date Collected: 10/03/23 12:20
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:54	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:54	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:54	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:54	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:54	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/17/23 14:54*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*10/17/23 14:54*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/17/23 14:54*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/17/23 14:54*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<1.07	U	5.40	1.07	mg/L			10/11/23 13:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.07	U	5.40	1.07	mg/L		10/10/23 08:01	10/11/23 13:29	1
Diesel Range Organics (Over C10-C28)	<1.07	U	5.40	1.07	mg/L		10/10/23 08:01	10/11/23 13:29	1
Oil Range Organics (Over C28-C36)	<1.03	U	5.40	1.03	mg/L		10/10/23 08:01	10/11/23 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 135*	*10/10/23 08:01*	*10/11/23 13:29*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 135*	*10/10/23 08:01*	*10/11/23 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.1**		0.500	0.250	mg/L			10/10/23 22:43	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00244**	**J**	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:53	1
Chromium	**0.0122**		0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:53	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:53	1
Manganese	**0.0806**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1260**		10.0	10.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-0935A-W-20231003

Lab Sample ID: 880-33996-4
Matrix: Water
Date Collected: 10/03/23 12:50
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	695		5.00	2.50	mg/L			10/11/23 01:13	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00814		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:56	1
Barium	0.0235		0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 13:56	1
Chromium	0.265		0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3590		40.0	40.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.293		0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample ID: MW-018-W-20231003

Lab Sample ID: 880-33996-5
Matrix: Water
Date Collected: 10/03/23 13:05
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		0.500	0.250	mg/L			10/10/23 23:15	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0101		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:58	1
Barium	0.0307		0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 13:58	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1210		10.0	10.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample ID: MW-015AW-20231003

Lab Sample ID: 880-33996-6
Matrix: Water
Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		0.500	0.250	mg/L			10/10/23 23:26	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00205	J	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 14:00	1
Barium	0.162		0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 14:00	1
Chromium	0.00115	J	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 14:00	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-015AW-20231003

Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-6

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3060		40.0	40.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Heath Boyd	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6968-983 2
Client Contact: ~~Andrew DeMarco~~ Nadia Cintron Franqui	Phone: 575-390-4618	E-Mail: John Builes@et.eurofinsus com	State of Origin: NM	Page: ~~Page 2 of 4~~ Page 1 of 1
Company: ARCADIS US Inc	PWSID:	Analysis Requested		Job #: 34041
Address: 1004 North Big Spring Suite 300	Due Date Requested:			Preservation Codes
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-7339	PO #: Purchase Order not required			
Email: Nadia.CintronFranqui@arcadis.com ~~Andrew.DeMarco@arcadis.com~~	WO #:			
Project Name: Eunice North	Project #: ~~88000209~~ 30180473			
Site: Lea County, NM	SSOW#:			

880-34041 Chain of Custody

J DI Water
K EDTA
L EDA
W pH 4-5
Y Trizma
Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	D	N	A	A		
MW-032-W-20231004	10/4/23	0940	G	Water			X	X	X				
MW-061-W-20231004	10/4/23	1000		Water			X	X	X				
MW-068-W-20231004	10/4/23	1015		Water			X	X	X				
MW-069-W-20231004	10/4/23	1040		Water			X	X	X				
MW-095-W-20231004	10/4/23	1110		Water			X	X	X				
MW-073-W-20231004	10/4/23	1130		Water			X	X	X				
MW-070-W-20231004	10/4/23	1255		Water			X	X	X				
MW-047-W-20231004	10/4/23	1310		Water			X	X	X				
MW-007A-W-20231004	10/4/23	1330		Water			X	X	X				
MW-011A-W-20231004	10/4/23	1345		Water			X	X	X				
DUP-02-W-20231004	10/4/23	n/a	X	Water			X	X	X				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/04/23 / 1659	Arcadis			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/04/23 1659	Company
Relinquished by:	Date/Time.	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		8.6/8.9 IR

Ver: 01/16/2019

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10/17/2023

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-032-W-20231004

Lab Sample ID: 880-34041-1
Matrix: Water
Date Collected: 10/04/23 09:40
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	524		5.00	2.50	mg/L			10/13/23 01:24	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00453		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 15:46	1
Chromium	0.00177	J	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 15:46	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 15:46	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2040		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 07:57	1

Client Sample ID: MW-061-W-20231004

Lab Sample ID: 880-34041-2
Matrix: Water
Date Collected: 10/04/23 10:00
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	715		5.00	2.50	mg/L			10/13/23 01:44	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:05	1
Chromium	0.689		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:05	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:05	1
Manganese	0.0362		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3860		40.0	40.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.712		0.100	0.0270	mg/L			10/05/23 07:57	10

Client Sample ID: MW-068-W-20231004

Lab Sample ID: 880-34041-3
Matrix: Water
Date Collected: 10/04/23 10:15
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2030		5.00	2.50	mg/L			10/13/23 02:24	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0202		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:07	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-068-W-20231004

Lab Sample ID: 880-34041-3
Matrix: Water
Date Collected: 10/04/23 10:15
Date Received: 10/04/23 16:59

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0295	J	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:07	1
Manganese	0.661		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7150		100	100	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 07:57	1

Client Sample ID: MW-069-W-20231004

Lab Sample ID: 880-34041-4
Matrix: Water
Date Collected: 10/04/23 10:40
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4650		50.0	25.0	mg/L			10/14/23 02:40	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00535		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:09	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:09	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:09	1
Manganese	0.249		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15800		100	100	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: MW-095-W-20231004

Lab Sample ID: 880-34041-5
Matrix: Water
Date Collected: 10/04/23 11:10
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		5.00	2.50	mg/L			10/13/23 05:54	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00921		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:11	1
Chromium	3.23		0.0800	0.0112	mg/L		10/09/23 09:30	10/10/23 13:45	20
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:11	1
Manganese	0.162		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4920		40.0	40.0	mg/L			10/09/23 09:24	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-095-W-20231004

Lab Sample ID: 880-34041-5
Matrix: Water
Date Collected: 10/04/23 11:10
Date Received: 10/04/23 16:59

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.02		0.100	0.0270	mg/L			10/05/23 09:10	10

Client Sample ID: MW-13-W-20231004

Lab Sample ID: 880-34041-6
Matrix: Water
Date Collected: 10/04/23 11:30
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	694		5.00	2.50	mg/L			10/13/23 05:14	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00562		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:14	1
Chromium	0.418		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:14	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:14	1
Manganese	0.00220		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2980		40.0	40.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.372		0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: MW-070-W-20231004

Lab Sample ID: 880-34041-7
Matrix: Water
Date Collected: 10/04/23 12:55
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	404		0.500	0.250	mg/L			10/13/23 05:24	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0121		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:16	1
Chromium	0.000798	J	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:16	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:16	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1450		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-047-W-20231004

Lab Sample ID: 880-34041-8

Date Collected: 10/04/23 13:10
Matrix: Water
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		0.500	0.250	mg/L			10/13/23 05:34	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:18	1
Chromium	0.0667		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:18	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1690		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0578		0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: MW-007A-W-20231004

Lab Sample ID: 880-34041-9

Date Collected: 10/04/23 13:30
Matrix: Water
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	692		5.00	2.50	mg/L			10/13/23 07:51	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:20	1
Chromium	0.683		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:20	1
Manganese	0.00321		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3170		40.0	40.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.732		0.100	0.0270	mg/L			10/05/23 09:10	10

Client Sample ID: MW-011A-W-20231004

Lab Sample ID: 880-34041-10

Date Collected: 10/04/23 13:45
Matrix: Water
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		0.500	0.250	mg/L			10/13/23 03:12	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0155		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:23	1
Chromium	0.0187		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:23	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-011A-W-20231004

Lab Sample ID: 880-34041-10
Matrix: Water
Date Collected: 10/04/23 13:45
Date Received: 10/04/23 16:59

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:23	1
Manganese	**0.131**		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1580**		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0120**		0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: DUP-02-W-20231004

Lab Sample ID: 880-34041-11
Matrix: Water
Date Collected: 10/04/23 00:00
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		0.500	0.250	mg/L			10/13/23 03:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0106**		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:48	1
Chromium	**0.0690**		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 16:48	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:48	1
Manganese	**0.00112**	**J**	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1590**		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0583**	**H**	0.0100	0.00270	mg/L			10/05/23 09:10	1

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

34083

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	Heath Boyd	Builes John		880-6968-983 3
Client Contact: ~~Andrew DeMarco~~ Nadia Cinton Franqui	Phone 575-390-4618	E-Mail John.Builes@et.eurofinsus.com	State of Origin NM	Page ~~3 of 4~~ 1 of 1
Company ARCADIS US Inc	PWSID			Job #:
Address 1004 North Big Spring Suite 300	Due Date Requested			
City Midland	TAT Requested (days) Standard			
State Zip TX 79701	Compliance Project Δ Yes Δ No			
Phone: 934-449-2339	PO #: Purchase Order not required			
Email: Nadia.CintronFranqui@arcadis.com ~~Andrew.DeMarco@arcadis.com~~	WO #:			
Project Name Eunice North	Project # ~~88000209~~ 30180473			
Site Lea County, NM	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A		
MW-023-W-20231005	10/5/23	0925	G	Water			X	X	X				
MW-050SA-W-20231005	10/5/23	0950		Water			X	X	X				
MW-057SA-W-20231005	10/5/23	1000		Water			X	X	X				
MW-056SA-W-20231005	10/5/23	1015		Water			X	X	X				
MW-085SA-W-20231005	10/5/23	1145		Water			X	X	X				
MW-084SA-W-20231005	10/5/23	1200		Water			X	X	X				
MW-075SA-W-20231005	10/5/23	1210		Water			X	X	X				
MW-100-W-20231005	10/5/23	1235		Water			X	X	X				
MW-073SA-W-20231005	10/5/23	1300		Water			X	X	X				
MW-086SA-W-20231005	10/5/23	1315	X	Water			X	X	X				
				Water									

880-34083 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/05/23 / 1631	Arcadis		10/5/23 1631	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		22.9 | 23.0

Ver: 01/16/2019

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Received by OCD: 3/13/2024 8:06:07 PM
10/16/2023
Page 25 of 30
Released to Imaging: 4/30/2024 9:27:34 AM

Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-023-W-20231005

Lab Sample ID: 880-34083-1
Matrix: Water
Date Collected: 10/05/23 09:25
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	668		5.00	2.50	mg/L			10/13/23 03:45	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00778		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:57	1
Chromium	3.36		0.0800	0.0112	mg/L		10/10/23 11:00	10/11/23 15:34	20
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:57	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2950		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.59		0.200	0.0540	mg/L			10/06/23 07:55	20

Client Sample ID: MW-050SA-W-20231005

Lab Sample ID: 880-34083-2
Matrix: Water
Date Collected: 10/05/23 09:50
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873		5.00	2.50	mg/L			10/13/23 04:28	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0102		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:59	1
Chromium	0.270		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 16:59	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:59	1
Manganese	0.00185	J	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3410		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.249		0.0100	0.00270	mg/L			10/06/23 07:55	1

Client Sample ID: MW-057SA-W-20231005

Lab Sample ID: 880-34083-3
Matrix: Water
Date Collected: 10/05/23 10:00
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	299		0.500	0.250	mg/L			10/13/23 04:38	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0129		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:02	1
Chromium	0.0130		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:02	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-057SA-W-20231005
Lab Sample ID: 880-34083-3
Date Collected: 10/05/23 10:00
Matrix: Water
Date Received: 10/05/23 16:31

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:02	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1570		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00854	J	0.0100	0.00270	mg/L			10/06/23 07:55	1

Client Sample ID: MW-056SA-W-20231005
Lab Sample ID: 880-34083-4
Date Collected: 10/05/23 10:15
Matrix: Water
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	682		5.00	2.50	mg/L			10/13/23 05:10	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0132		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:09	1
Chromium	0.333		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:09	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:09	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2820		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.301		0.0100	0.00270	mg/L			10/06/23 07:55	1

Client Sample ID: MW-085SA-W-20231005
Lab Sample ID: 880-34083-5
Date Collected: 10/05/23 11:45
Matrix: Water
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		5.00	2.50	mg/L			10/13/23 05:32	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0173		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:11	1
Chromium	0.0170		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:11	1
Iron	0.0668	J	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:11	1
Manganese	0.0724		0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3280		40.0	40.0	mg/L			10/10/23 09:19	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-085SA-W-20231005
Lab Sample ID: 880-34083-5
Date Collected: 10/05/23 11:45
Matrix: Water
Date Received: 10/05/23 16:31

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00406	J	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-084SA-W-20231005
Lab Sample ID: 880-34083-6
Date Collected: 10/05/23 12:00
Matrix: Water
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	927		5.00	2.50	mg/L			10/13/23 05:53	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0114		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:13	1
Chromium	0.0133		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:13	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:13	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3860		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00804	J	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-075SA-W-20231005
Lab Sample ID: 880-34083-7
Date Collected: 10/05/23 12:10
Matrix: Water
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		5.00	2.50	mg/L			10/13/23 06:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0120		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:28	1
Chromium	0.0181		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:28	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:28	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2010		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0145		0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-100-W-20231005

Lab Sample ID: 880-34083-8
Matrix: Water
Date Collected: 10/05/23 12:35
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**623**		5.00	2.50	mg/L			10/13/23 07:30	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00851**		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:15	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:15	1
Manganese	**0.612**		0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1890**		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-073SA-W-20231005

Lab Sample ID: 880-34083-9
Matrix: Water
Date Collected: 10/05/23 13:00
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**267**		0.500	0.250	mg/L			10/13/23 06:47	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0107**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:30	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:30	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:30	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1120**		10.0	10.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-086SA-W-20231005

Lab Sample ID: 880-34083-10
Matrix: Water
Date Collected: 10/05/23 13:15
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**586**		5.00	2.50	mg/L			10/13/23 08:34	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0119**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:32	1
Chromium	**0.0256**		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:32	1

Eurofins Midland

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-086SA-W-20231005
Date Collected: 10/05/23 13:15
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-10
Matrix: Water

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:32	1
Manganese	**0.00191**	**J**	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2220**		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0200**		0.0100	0.00270	mg/L			10/06/23 09:27	1

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

341109

Client Information	Sampler: Heath Boyd	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-6968-983 4
Client Contact: ~~Andrew DeMarco~~ Nadjie Cintron Franqui	Phone: 575-390-4618	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: NM	Page: Page ~~4 of 4~~ 1 of 1
Company: ARCADIS US Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-2339	PO #: Purchase Order not required			
Email: nadjie.cintronfranqui@arcadis.com ~~Andrew.DeMarco@arcadis.com~~	WO #:			
Project Name: Eunice North	Project #: ~~88000200~~ 30180473			
Site: Lea County, NM	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A		
MW-067SA-W-20231006	10/06/23	0910	G	Water			X	X	X				
MW-053SA-W-20231006	10/06/23	0930	|	Water			X	X	X				
MW-049SA-W-20231006	10/06/23	0950	|	Water			X	X	X				
MW-054SA-W-20231006	10/06/23	1000	|	Water			X	X	X				
DUP-03-W-20231006	10/06/23	n/a	X	Water			X	X	X				
				Water									
				Water									

880-34109 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/06/23 / 1354	Arcadis		10/6/23	
Relinquished by	Date/Time	Company	Received by	Date/Time 1354	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:
		15.6 / 15.8

Ver: 01/16/2019

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Received by OCD: 3/13/2024 8:06:07 PM
10/16/2023
Page 19 of 22
Released to Imaging: 4/30/2024 9:27:34 AM

Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: MW-067SA-W-20231006

Lab Sample ID: 880-34109-1
Matrix: Water
Date Collected: 10/06/23 09:10
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**		0.500	0.250	mg/L			10/14/23 14:59	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0173**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:16	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:16	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:16	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**982**		10.0	10.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: MW-053SA-W-20231006

Lab Sample ID: 880-34109-2
Matrix: Water
Date Collected: 10/06/23 09:30
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**610**		5.00	2.50	mg/L			10/14/23 16:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0107**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:19	1
Chromium	**0.00214**	**J**	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:19	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:19	1
Manganese	**0.00194**	**J**	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2140**		20.0	20.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: MW-049SA-W-20231006

Lab Sample ID: 880-34109-3
Matrix: Water
Date Collected: 10/06/23 09:50
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1060**		5.00	2.50	mg/L			10/14/23 16:57	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0114**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:23	1
Chromium	**0.263**		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:23	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: MW-049SA-W-20231006 — Lab Sample ID: 880-34109-3

Date Collected: 10/06/23 09:50 — **Matrix: Water**
Date Received: 10/06/23 13:54

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:23	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2940		40.0	40.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.260		0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: MW-054SA-W-20231006 — Lab Sample ID: 880-34109-4

Date Collected: 10/06/23 10:00 — **Matrix: Water**
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00	2.50	mg/L			10/14/23 17:40	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0101		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:21	1
Chromium	0.111		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:21	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:21	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2240		20.0	20.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.109		0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: DUP-03-W-20231006 — Lab Sample ID: 880-34109-5

Date Collected: 10/06/23 00:00 — **Matrix: Water**
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	639		5.00	2.50	mg/L			10/14/23 18:02	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0116		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:25	1
Chromium	0.00233	J	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:25	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:25	1
Manganese	0.00210		0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1970		20.0	20.0	mg/L			10/10/23 09:43	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: DUP-03-W-20231006

Date Collected: 10/06/23 00:00
Date Received: 10/06/23 13:54

Lab Sample ID: 880-34109-5

Matrix: Water

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andrew DeMarco
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 3/9/2023 8:39:38 AM

JOB DESCRIPTION

Eunice Project

JOB NUMBER

880-25039-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/9/2023 8:39:38 AM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Laboratory Job ID: 880-25039-1

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25039-1
Project/Site: Eunice Project

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Job ID: 880-25039-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-25039-1

Receipt
The samples were received on 2/21/2023 6:01 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW084SA-W-230221 (880-25039-6) and MW085SA-W-230221 (880-25039-7). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW100-W-230221 (880-25039-1), MW0865SA-W-230221 (880-25039-2), MW076SA-W-230221 (880-25039-4) and MW075SA-W-230221 (880-25039-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Released to Imaging: 4/30/2024 9:27:34 AM

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Client Sample ID: MW100-W-230221

Lab Sample ID: 880-25039-1
Matrix: Water
Date Collected: 02/21/23 13:08
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	846		5.00	2.00	mg/L			03/08/23 22:07	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00739		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:34	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:34	1
Iron	0.0521	J	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:34	1
Manganese	0.421		0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1930		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW0865SA-W-230221

Lab Sample ID: 880-25039-2
Matrix: Water
Date Collected: 02/21/23 13:34
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		5.00	2.00	mg/L			03/08/23 22:57	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0149		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:36	1
Chromium	0.0246		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:36	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:36	1
Manganese	0.0789		0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3580		40.0	40.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0139		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW071SA-W-230221

Lab Sample ID: 880-25039-3
Matrix: Water
Date Collected: 02/21/23 13:56
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	403		0.500	0.200	mg/L			03/08/23 21:43	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00991		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:39	1
Chromium	0.0219		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:39	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Client Sample ID: MW071SA-W-230221

Lab Sample ID: 880-25039-3
Matrix: Water
Date Collected: 02/21/23 13:56
Date Received: 02/21/23 18:01

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:39	1
Manganese	**0.000715**	**J**	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1320**		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0219**		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW076SA-W-230221

Lab Sample ID: 880-25039-4
Matrix: Water
Date Collected: 02/21/23 14:15
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**545**		5.00	2.00	mg/L			03/08/23 23:22	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0131**		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:41	1
Chromium	**0.00598**		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:41	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:41	1
Manganese	**0.000240**	**J**	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2230**		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW075SA-W-230221

Lab Sample ID: 880-25039-5
Matrix: Water
Date Collected: 02/21/23 14:35
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**589**		5.00	2.00	mg/L			03/08/23 23:46	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0116**		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:43	1
Chromium	**0.0168**		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:43	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:43	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2120**		20.0	20.0	mg/L			02/25/23 08:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Client Sample ID: MW075SA-W-230221

Lab Sample ID: 880-25039-5
Date Collected: 02/21/23 14:35
Matrix: Water
Date Received: 02/21/23 18:01

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0154		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW084SA-W-230221

Lab Sample ID: 880-25039-6
Date Collected: 02/21/23 14:57
Matrix: Water
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1070		5.00	2.00	mg/L			02/24/23 02:35	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00935		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:46	1
Chromium	0.0130		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:46	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:46	1
Manganese	0.000263	J	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3040		40.0	40.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0114		0.0100	0.00270	mg/L			02/22/23 07:45	1

Client Sample ID: MW085SA-W-230221

Lab Sample ID: 880-25039-7
Date Collected: 02/21/23 15:04
Matrix: Water
Date Received: 02/21/23 18:01

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	654		5.00	2.00	mg/L			02/24/23 02:59	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0118		0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 17:48	1
Chromium	0.0183		0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 17:48	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 17:48	1
Manganese	0.000490	J	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 17:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2310		20.0	20.0	mg/L			02/25/23 08:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0159		0.0100	0.00270	mg/L			02/22/23 07:45	1

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-91485/3
Matrix: Water
Analysis Batch: 91485

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			02/23/23 16:24	1

Lab Sample ID: LCS 860-91485/4
Matrix: Water
Analysis Batch: 91485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.21		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-91485/5
Matrix: Water
Analysis Batch: 91485

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.23		mg/L		102	90 - 110	0	20

Lab Sample ID: LLCS 860-91485/7
Matrix: Water
Analysis Batch: 91485

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5539		mg/L		111	50 - 150

Lab Sample ID: MB 860-93211/3
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/08/23 14:30	1

Lab Sample ID: LCS 860-93211/4
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.04		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-93211/5
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.15		mg/L		102	90 - 110	1	20

Lab Sample ID: LLCS 860-93211/7
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5514		mg/L		110	50 - 150

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-91582/1-A
Matrix: Water
Analysis Batch: 91707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91582

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		02/24/23 10:00	02/24/23 16:53	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/24/23 10:00	02/24/23 16:53	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/24/23 10:00	02/24/23 16:53	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/24/23 10:00	02/24/23 16:53	1

Lab Sample ID: LCS 860-91582/2-A
Matrix: Water
Analysis Batch: 91707

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91582

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1027		mg/L		103	80 - 120
Chromium	0.100	0.1026		mg/L		103	80 - 120
Iron	0.500	0.5118		mg/L		102	80 - 120
Manganese	0.100	0.1029		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-91582/3-A
Matrix: Water
Analysis Batch: 91707

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91582

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.1012		mg/L		101	80 - 120	2	20
Chromium	0.100	0.1014		mg/L		101	80 - 120	1	20
Iron	0.500	0.5108		mg/L		102	80 - 120	0	20
Manganese	0.100	0.1012		mg/L		101	80 - 120	2	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-47349/3
Matrix: Water
Analysis Batch: 47349

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/22/23 07:45	1

Lab Sample ID: LCS 880-47349/4
Matrix: Water
Analysis Batch: 47349

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.04193		mg/L		105	85 - 115

Lab Sample ID: LCSD 880-47349/5
Matrix: Water
Analysis Batch: 47349

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.04143		mg/L		104	85 - 115	1	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 880-25039-1 MS — **Client Sample ID: MW100-W-230221**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 47349

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U	0.200	0.1994		mg/L		100	85 - 115

Lab Sample ID: 880-25039-1 MSD — **Client Sample ID: MW100-W-230221**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 47349

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.1994		mg/L		100	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-91734/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 91734

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			02/25/23 08:00	1

Lab Sample ID: LCS 860-91734/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 91734

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	922.0		mg/L		92	80 - 120

Lab Sample ID: LCSD 860-91734/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 91734

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	943.0		mg/L		94	80 - 120	2	10

Lab Sample ID: LLCS 860-91734/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 91734

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	<5.00	U	mg/L		86	50 - 150

Lab Sample ID: 880-25039-1 DU — **Client Sample ID: MW100-W-230221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 91734

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1930		1974		mg/L		2	10

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

HPLC/IC

Analysis Batch: 91485

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-6 - DL	MW084SA-W-230221	Total/NA	Water	300.0	
880-25039-7 - DL	MW085SA-W-230221	Total/NA	Water	300.0	
MB 860-91485/3	Method Blank	Total/NA	Water	300.0	
LCS 860-91485/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-91485/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-91485/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 93211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-1 - DL	MW100-W-230221	Total/NA	Water	300.0	
880-25039-2 - DL	MW0865SA-W-230221	Total/NA	Water	300.0	
880-25039-3	MW071SA-W-230221	Total/NA	Water	300.0	
880-25039-4 - DL	MW076SA-W-230221	Total/NA	Water	300.0	
880-25039-5 - DL	MW075SA-W-230221	Total/NA	Water	300.0	
MB 860-93211/3	Method Blank	Total/NA	Water	300.0	
LCS 860-93211/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-93211/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-93211/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 91582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-1	MW100-W-230221	Dissolved	Water	3010A	
880-25039-2	MW0865SA-W-230221	Dissolved	Water	3010A	
880-25039-3	MW071SA-W-230221	Dissolved	Water	3010A	
880-25039-4	MW076SA-W-230221	Dissolved	Water	3010A	
880-25039-5	MW075SA-W-230221	Dissolved	Water	3010A	
880-25039-6	MW084SA-W-230221	Dissolved	Water	3010A	
880-25039-7	MW085SA-W-230221	Dissolved	Water	3010A	
MB 860-91582/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-91582/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-91582/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 91707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-1	MW100-W-230221	Dissolved	Water	6020A	91582
880-25039-2	MW0865SA-W-230221	Dissolved	Water	6020A	91582
880-25039-3	MW071SA-W-230221	Dissolved	Water	6020A	91582
880-25039-4	MW076SA-W-230221	Dissolved	Water	6020A	91582
880-25039-5	MW075SA-W-230221	Dissolved	Water	6020A	91582
880-25039-6	MW084SA-W-230221	Dissolved	Water	6020A	91582
880-25039-7	MW085SA-W-230221	Dissolved	Water	6020A	91582
MB 860-91582/1-A	Method Blank	Total/NA	Water	6020A	91582
LCS 860-91582/2-A	Lab Control Sample	Total/NA	Water	6020A	91582
LCSD 860-91582/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	91582

General Chemistry

Analysis Batch: 47349

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-1	MW100-W-230221	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

General Chemistry (Continued)

Analysis Batch: 47349 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-2	MW0865SA-W-230221	Dissolved	Water	7196A	
880-25039-3	MW071SA-W-230221	Dissolved	Water	7196A	
880-25039-4	MW076SA-W-230221	Dissolved	Water	7196A	
880-25039-5	MW075SA-W-230221	Dissolved	Water	7196A	
880-25039-6	MW084SA-W-230221	Dissolved	Water	7196A	
880-25039-7	MW085SA-W-230221	Dissolved	Water	7196A	
MB 880-47349/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47349/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47349/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25039-1 MS	MW100-W-230221	Dissolved	Water	7196A	
880-25039-1 MSD	MW100-W-230221	Dissolved	Water	7196A	

Analysis Batch: 91734

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25039-1	MW100-W-230221	Total/NA	Water	SM 2540C	
880-25039-2	MW0865SA-W-230221	Total/NA	Water	SM 2540C	
880-25039-3	MW071SA-W-230221	Total/NA	Water	SM 2540C	
880-25039-4	MW076SA-W-230221	Total/NA	Water	SM 2540C	
880-25039-5	MW075SA-W-230221	Total/NA	Water	SM 2540C	
880-25039-6	MW084SA-W-230221	Total/NA	Water	SM 2540C	
880-25039-7	MW085SA-W-230221	Total/NA	Water	SM 2540C	
MB 860-91734/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-91734/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-91734/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-91734/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-25039-1 DU	MW100-W-230221	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Job ID: 880-25039-1
Project/Site: Eunice Project

Client Sample ID: MW100-W-230221
Lab Sample ID: 880-25039-1
Date Collected: 02/21/23 13:08
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93211	03/08/23 22:07	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:34	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Client Sample ID: MW0865SA-W-230221
Lab Sample ID: 880-25039-2
Date Collected: 02/21/23 13:34
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93211	03/08/23 22:57	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:36	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Client Sample ID: MW071SA-W-230221
Lab Sample ID: 880-25039-3
Date Collected: 02/21/23 13:56
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			93211	03/08/23 21:43	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:39	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Client Sample ID: MW076SA-W-230221
Lab Sample ID: 880-25039-4
Date Collected: 02/21/23 14:15
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93211	03/08/23 23:22	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:41	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Client Sample ID: MW075SA-W-230221

Lab Sample ID: 880-25039-5

Date Collected: 02/21/23 14:35
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93211	03/08/23 23:46	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:43	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Client Sample ID: MW084SA-W-230221

Lab Sample ID: 880-25039-6

Date Collected: 02/21/23 14:57
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			91485	02/24/23 02:35	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:46	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Client Sample ID: MW085SA-W-230221

Lab Sample ID: 880-25039-7

Date Collected: 02/21/23 15:04
Matrix: Water
Date Received: 02/21/23 18:01

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			91485	02/24/23 02:59	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91582	02/24/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			91707	02/24/23 17:48	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47349	02/22/23 07:45	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	91734	02/25/23 08:00	HN	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Job ID: 880-25039-1
Project/Site: Eunice Project

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-48	06-30-23

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project

Job ID: 880-25039-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25039-1	MW100-W-230221	Water	02/21/23 13:08	02/21/23 18:01
880-25039-2	MW0865SA-W-230221	Water	02/21/23 13:34	02/21/23 18:01
880-25039-3	MW071SA-W-230221	Water	02/21/23 13:56	02/21/23 18:01
880-25039-4	MW076SA-W-230221	Water	02/21/23 14:15	02/21/23 18:01
880-25039-5	MW075SA-W-230221	Water	02/21/23 14:35	02/21/23 18:01
880-25039-6	MW084SA-W-230221	Water	02/21/23 14:57	02/21/23 18:01
880-25039-7	MW085SA-W-230221	Water	02/21/23 15:04	02/21/23 18:01

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: 25039

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Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP	Midland, TX. 79701	City, State ZIP	
Phone:	303-471-2477	Email:	andrew demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N Eunice	Turn Around	
Project Number	30109021	Routine	X
P.O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C)		Thermometer ID		
Received Intact:	(Yes) No		126	
Cooler Custody Seals:	Yes No N/A	Correction Factor	0.3	
Sample Custody Seals:	Yes No (N/A)	Total Containers:	21	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS). Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300 0)
MW100-W-230221	W	02/21/23	1308		3			X	X	X	X
MW085A-W-230221	W	02/21/23	1334		3			X	X	X	X
MW075A-W-230221	W	02/21/23	1352		3			X	X	X	X
MW076A-W-230221	W	02/21/23	1415		3			X	X	X	X
MW075SA-W-230221	W	02/21/23	1435		3			X	X	X	X
MW085A-W-230221	W	02/21/23	1457		3			X	X	X	X
MW095SA-W-230221	W	02/21/23	1504		3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

Samples Collected in MST.

880-25039 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1 Michael Redding		2/28/23 1861	2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

Released to Imaging: 4/30/2024 9:27:34 AM
Received by OCD: 3/13/2024 8:06:07 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6360.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25039-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/27/2023			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project	Project #: 88000209			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X				X	
MW100-W-230221 (880-25039-1)	2/21/23	13:08 Mountain		Water			X	X	X	2	
MW0865SA-W-230221 (880-25039-2)	2/21/23	13:34 Mountain		Water			X	X	X	2	
MW071SA-W-230221 (880-25039-3)	2/21/23	13:56 Mountain		Water			X	X	X	2	
MW076SA-W-230221 (880-25039-4)	2/21/23	14.15 Mountain		Water			X	X	X	2	
MW075SA-W-230221 (880-25039-5)	2/21/23	14.35 Mountain		Water			X	X	X	2	
MW084SA-W-230221 (880-25039-6)	2/21/23	14:57 Mountain		Water			X	X	X	2	
MW085SA-W-230221 (880-25039-7)	2/21/23	15:04 Mountain		Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by: FedEX	Date/Time:	Company	Received by: FedEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/23/2023 10:30	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: IR ID HOU-344 C/F -0.2 2 2 Corrected Temp: 2.0

Ver 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25039-1

Login Number: 25039 **List Source: Eurofins Midland**
List Number: 1
Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25039-1

Login Number: 25039 **List Source: Eurofins Houston**
List Number: 2 **List Creation: 02/23/23 02:21 PM**
Creator: Pena, Jesiel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andrew DeMarco
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 3/3/2023 4:17:47 PM

JOB DESCRIPTION

Eunice Project - N Eunice
SDG NUMBER 30109021

JOB NUMBER

880-25088-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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3/3/2023 4:17:47 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Table of Contents

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25088-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Job ID: 880-25088-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-25088-1

Receipt
The samples were received on 2/22/2023 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.6°C

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW090SA-W-230222 (880-25088-1), MW089SA-W-230222 (880-25088-2), MW065SA-W-230222 (880-25088-3), IW010-W-230222 (880-25088-4), IW008-W-230222 (880-25088-5), MW066SA-W-230222 (880-25088-6), MW055SA-W-230222 (880-25088-9) and MW056SA-W-230222 (880-25088-10). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-92132 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_ORGFM_28D: The instrument blank for analytical batch 860-92132 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because the concentration found in the sample is 10x greater that the blank. The data have been qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW090SA-W-230222 (880-25088-1), IW010-W-230222 (880-25088-4), IW008-W-230222 (880-25088-5), MW051SA-W-230222 (880-25088-14), IW003-W-230222 (880-25088-17) and DUP-1-W-230222 (880-25088-22). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: Sample read as 0.0139 mg/L, but did not change color. Yellow color indicating an iron interferent. Sample reported as 0.IW003-W-230222 (880-25088-17)

Method 7196A: Holding time flag due to sample not having a sampling time. DUP-1-W-230222 (880-25088-22) and DUP-2-W-230222 (880-25088-23)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Released to Imaging: 4/30/2024 9:27:34 AM

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW090SA-W-230222

Lab Sample ID: 880-25088-1
Matrix: Water
Date Collected: 02/22/23 07:24
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	937		5.00	2.00	mg/L			02/26/23 04:48	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00980		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 16:44	1
Chromium	0.949		0.0800	0.0112	mg/L		02/27/23 08:30	02/27/23 16:56	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 16:44	1
Manganese	0.000409	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 16:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4420		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	1.02		0.0500	0.0135	mg/L			02/23/23 07:15	5

Client Sample ID: MW089SA-W-230222

Lab Sample ID: 880-25088-2
Matrix: Water
Date Collected: 02/22/23 07:42
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418		5.00	2.00	mg/L			02/26/23 05:00	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00991		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:03	1
Chromium	0.227		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:03	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2360		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.238		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW065SA-W-230222

Lab Sample ID: 880-25088-3
Matrix: Water
Date Collected: 02/22/23 08:04
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.00	2.00	mg/L			02/26/23 05:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0147		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:05	1
Chromium	0.00504		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:05	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW065SA-W-230222

Lab Sample ID: 880-25088-3
Matrix: Water
Date Collected: 02/22/23 08:04
Date Received: 02/22/23 18:45

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.112		0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:05	1
Manganese	0.808		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3690		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: IW010-W-230222

Lab Sample ID: 880-25088-4
Matrix: Water
Date Collected: 02/22/23 08:14
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		5.00	2.00	mg/L			02/26/23 05:25	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00568		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:08	1
Chromium	0.00150	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:08	1
Iron	9.84		2.00	0.566	mg/L		02/27/23 08:30	02/27/23 17:20	20
Manganese	7.07		0.0400	0.00448	mg/L		02/27/23 08:30	02/27/23 17:20	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3480		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00593	J	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: IW008-W-230222

Lab Sample ID: 880-25088-5
Matrix: Water
Date Collected: 02/22/23 08:40
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	712		5.00	2.00	mg/L			02/26/23 05:37	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00460		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:10	1
Chromium	0.00454		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:10	1
Iron	0.868		0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:10	1
Manganese	1.48		0.0400	0.00448	mg/L		02/27/23 08:30	02/27/23 17:22	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2330		20.0	20.0	mg/L			03/01/23 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: IW008-W-230222

Lab Sample ID: 880-25088-5
Date Collected: 02/22/23 08:40
Matrix: Water
Date Received: 02/22/23 18:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW066SA-W-230222

Lab Sample ID: 880-25088-6
Date Collected: 02/22/23 08:58
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**929**		5.00	2.00	mg/L			02/26/23 05:49	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00801**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:12	1
Chromium	**0.0424**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:12	1
Manganese	**0.00497**		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2750**		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0379**		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW073SA-W-230222

Lab Sample ID: 880-25088-7
Date Collected: 02/22/23 09:15
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**249**		0.500	0.200	mg/L			02/26/23 02:19	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00998**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:31	1
Chromium	**0.00102**	**J**	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:31	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:31	1
Manganese	**0.000646**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1140**		10.0	10.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW072SA-W-230222

Lab Sample ID: 880-25088-8
Matrix: Water
Date Collected: 02/22/23 09:32
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**271**		0.500	0.200	mg/L			02/26/23 03:21	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0156**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:34	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:34	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:34	1
Manganese	**0.000329**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1160**		10.0	10.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW055SA-W-230222

Lab Sample ID: 880-25088-9
Matrix: Water
Date Collected: 02/22/23 10:35
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**626**		5.00	2.00	mg/L			02/26/23 07:04	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00687**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:36	1
Chromium	**0.153**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:36	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:36	1
Manganese	**0.000422**	**J**	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2010**		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.165**		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW056SA-W-230222

Lab Sample ID: 880-25088-10
Matrix: Water
Date Collected: 02/22/23 10:50
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**894**		5.00	2.00	mg/L			02/26/23 07:16	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0129**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:39	1
Chromium	**0.320**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:39	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW056SA-W-230222

Lab Sample ID: 880-25088-10
Matrix: Water
Date Collected: 02/22/23 10:50
Date Received: 02/22/23 18:45

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:39	1
Manganese	0.000274	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3510		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.340		0.0100	0.00270	mg/L			02/23/23 07:15	1

Client Sample ID: MW074SA-W-230222

Lab Sample ID: 880-25088-11
Matrix: Water
Date Collected: 02/22/23 11:13
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.1		0.500	0.200	mg/L			02/26/23 08:18	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0114		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 17:41	1
Chromium	0.0116		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 17:41	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 17:41	1
Manganese	0.000295	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 17:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2580		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW057SA-W-230222

Lab Sample ID: 880-25088-12
Matrix: Water
Date Collected: 02/22/23 11:26
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2620	B	5.00	2.00	mg/L			03/01/23 04:42	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0125		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:00	1
Chromium	0.00714		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:00	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:00	1
Manganese	0.000322	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1550		20.0	20.0	mg/L			03/01/23 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW057SA-W-230222

Lab Sample ID: 880-25088-12
Matrix: Water
Date Collected: 02/22/23 11:26
Date Received: 02/22/23 18:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW050SA-W-230222

Lab Sample ID: 880-25088-13
Matrix: Water
Date Collected: 02/22/23 11:45
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090	B	5.00	2.00	mg/L			03/01/23 06:18	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00935		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:03	1
Chromium	0.347		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:03	1
Manganese	0.00815		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3250		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.342		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW051SA-W-230222

Lab Sample ID: 880-25088-14
Matrix: Water
Date Collected: 02/22/23 12:03
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	968	B	5.00	2.00	mg/L			03/01/23 06:41	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:05	1
Chromium	0.701		0.0800	0.0112	mg/L		02/27/23 08:30	02/27/23 18:17	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:05	1
Manganese	0.00569		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3360		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.747		0.0500	0.0135	mg/L			02/23/23 08:20	5

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW067SA-W-230222

Lab Sample ID: 880-25088-15
Matrix: Water
Date Collected: 02/22/23 12:59
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**	**B**	0.500	0.200	mg/L			03/01/23 04:54	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0169**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:07	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:07	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**947**		10.0	10.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW079SA-W-230222

Lab Sample ID: 880-25088-16
Matrix: Water
Date Collected: 02/22/23 13:18
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**355**	**B**	0.500	0.200	mg/L			03/01/23 05:06	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00902**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:10	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:10	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:10	1
Manganese	**0.0163**		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1440**		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: IW003-W-230222

Lab Sample ID: 880-25088-17
Matrix: Water
Date Collected: 02/22/23 13:35
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**823**	**B**	5.00	2.00	mg/L			03/01/23 07:05	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0213**		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:29	1
Chromium	**0.00426**		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:29	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: IW003-W-230222

Lab Sample ID: 880-25088-17
Matrix: Water
Date Collected: 02/22/23 13:35
Date Received: 02/22/23 18:45

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	5.99		2.00	0.566	mg/L		02/27/23 08:30	02/27/23 18:38	20
Manganese	5.65		0.0400	0.00448	mg/L		02/27/23 08:30	02/27/23 18:38	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2800		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW054SA-W-230222

Lab Sample ID: 880-25088-18
Matrix: Water
Date Collected: 02/22/23 13:56
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	788	B	5.00	2.00	mg/L			03/01/23 07:29	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:31	1
Chromium	0.110		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:31	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:31	1
Manganese	0.00208		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2490		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0909		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW052SA-W-230222

Lab Sample ID: 880-25088-19
Matrix: Water
Date Collected: 02/22/23 14:11
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1280	B	5.00	2.00	mg/L			03/01/23 07:53	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0135		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:33	1
Chromium	0.239		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:33	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:33	1
Manganese	0.000503	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4500		40.0	40.0	mg/L			03/01/23 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW052SA-W-230222

Lab Sample ID: 880-25088-19
Date Collected: 02/22/23 14:11
Matrix: Water
Date Received: 02/22/23 18:45

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.244		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW049SA-W-230222

Lab Sample ID: 880-25088-20
Date Collected: 02/22/23 14:37
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200	B	5.00	2.00	mg/L			03/01/23 08:41	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:36	1
Chromium	0.235		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:36	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:36	1
Manganese	0.000298	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3640		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.227		0.0100	0.00270	mg/L			02/23/23 08:20	1

Client Sample ID: MW048SA-W-230222

Lab Sample ID: 880-25088-21
Date Collected: 02/22/23 14:50
Matrix: Water
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	684	B	5.00	2.00	mg/L			03/01/23 09:04	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:02	1
Chromium	0.456		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:02	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:02	1
Manganese	0.000232	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2700		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.453		0.0100	0.00270	mg/L			02/23/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: DUP-1-W-230222

Lab Sample ID: 880-25088-22
Matrix: Water
Date Collected: 02/22/23 00:00
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	971	B	5.00	2.00	mg/L			03/01/23 09:28	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0103		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:25	1
Chromium	0.692		0.0800	0.0112	mg/L		02/27/23 08:30	02/27/23 19:37	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:25	1
Manganese	0.00657		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3630		40.0	40.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.730	H	0.0500	0.0135	mg/L			02/23/23 09:00	5

Client Sample ID: DUP-2-W-230222

Lab Sample ID: 880-25088-23
Matrix: Water
Date Collected: 02/22/23 00:00
Date Received: 02/22/23 18:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	692	B	5.00	2.00	mg/L			03/01/23 09:52	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:28	1
Chromium	0.451		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:28	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:28	1
Manganese	0.000526	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2680		20.0	20.0	mg/L			03/01/23 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.460	H	0.0100	0.00270	mg/L			02/23/23 09:00	1

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-91745/3
Matrix: Water
Analysis Batch: 91745

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			02/25/23 16:01	1

Lab Sample ID: MB 860-91745/38
Matrix: Water
Analysis Batch: 91745

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			02/25/23 23:14	1

Lab Sample ID: LCS 860-91745/39
Matrix: Water
Analysis Batch: 91745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.20		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-91745/40
Matrix: Water
Analysis Batch: 91745

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.29		mg/L		103	90 - 110	1	20

Lab Sample ID: LLCS 860-91745/7
Matrix: Water
Analysis Batch: 91745

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5732		mg/L		115	50 - 150

Lab Sample ID: MB 860-92132/14
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.2051	J	0.500	0.200	mg/L			03/01/23 01:32	1

Lab Sample ID: MB 860-92132/65
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/01/23 12:03	1

Lab Sample ID: LCS 860-92132/15
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.553		mg/L		96	90 - 110

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-92132/66
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.696		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-92132/16
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.545		mg/L		95	90 - 110	0	20

Lab Sample ID: LCSD 860-92132/67
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.715		mg/L		97	90 - 110	0	20

Lab Sample ID: LLCS 860-92132/18
Matrix: Water
Analysis Batch: 92132

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5760		mg/L		115	50 - 150

Lab Sample ID: 880-25088-16 MS
Matrix: Water
Analysis Batch: 92132

Client Sample ID: MW079SA-W-230222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	355	B	10.0	353.9	4	mg/L		-7	90 - 110

Lab Sample ID: 880-25088-16 MSD
Matrix: Water
Analysis Batch: 92132

Client Sample ID: MW079SA-W-230222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	355	B	10.0	354.3	4	mg/L		-3	90 - 110	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-91787/1-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91787

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 16:37	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 16:37	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 16:37	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 16:37	1

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-91787/2-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91787

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09470		mg/L		95	80 - 120
Chromium	0.100	0.09449		mg/L		94	80 - 120
Iron	0.500	0.4740		mg/L		95	80 - 120
Manganese	0.100	0.09498		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-91787/3-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91787

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09435		mg/L		94	80 - 120	0	20
Chromium	0.100	0.09286		mg/L		93	80 - 120	2	20
Iron	0.500	0.4776		mg/L		96	80 - 120	1	20
Manganese	0.100	0.09254		mg/L		93	80 - 120	3	20

Lab Sample ID: MB 860-91791/1-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91791

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:55	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:55	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:55	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:55	1

Lab Sample ID: LCS 860-91791/2-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91791

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09445		mg/L		94	80 - 120
Chromium	0.100	0.09140		mg/L		91	80 - 120
Iron	0.500	0.4648		mg/L		93	80 - 120
Manganese	0.100	0.09358		mg/L		94	80 - 120

Lab Sample ID: LCSD 860-91791/3-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91791

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09453		mg/L		95	80 - 120	0	20
Chromium	0.100	0.09129		mg/L		91	80 - 120	0	20
Iron	0.500	0.4658		mg/L		93	80 - 120	0	20
Manganese	0.100	0.09318		mg/L		93	80 - 120	0	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 880-25088-1 MS
Matrix: Water
Analysis Batch: 92000

Client Sample ID: MW090SA-W-230222
Prep Type: Dissolved
Prep Batch: 91787

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00980		0.100	0.1009		mg/L		91	75 - 125
Chromium	0.940		0.100	1.016	4	mg/L		76	75 - 125
Iron	<0.0283	U	0.500	0.4802		mg/L		96	75 - 125
Manganese	0.000409	J	0.100	0.08959		mg/L		89	75 - 125

Lab Sample ID: 880-25088-1 MSD
Matrix: Water
Analysis Batch: 92000

Client Sample ID: MW090SA-W-230222
Prep Type: Dissolved
Prep Batch: 91787

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.00980		0.100	0.1029		mg/L		93	75 - 125	2	20
Chromium	0.940		0.100	1.023	4	mg/L		83	75 - 125	1	20
Iron	<0.0283	U	0.500	0.4832		mg/L		97	75 - 125	1	20
Manganese	0.000409	J	0.100	0.08942		mg/L		89	75 - 125	0	20

Lab Sample ID: 880-25088-21 MS
Matrix: Water
Analysis Batch: 92000

Client Sample ID: MW048SA-W-230222
Prep Type: Dissolved
Prep Batch: 91791

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0104		0.100	0.1072		mg/L		97	75 - 125
Chromium	0.456		0.100	0.5412	4	mg/L		85	75 - 125
Iron	<0.0283	U	0.500	0.4795		mg/L		96	75 - 125
Manganese	0.000232	J	0.100	0.09595		mg/L		96	75 - 125

Lab Sample ID: 880-25088-21 MSD
Matrix: Water
Analysis Batch: 92000

Client Sample ID: MW048SA-W-230222
Prep Type: Dissolved
Prep Batch: 91791

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0104		0.100	0.1059		mg/L		95	75 - 125	1	20
Chromium	0.456		0.100	0.5397	4	mg/L		84	75 - 125	0	20
Iron	<0.0283	U	0.500	0.4757		mg/L		95	75 - 125	1	20
Manganese	0.000232	J	0.100	0.09153		mg/L		91	75 - 125	5	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-47375/3
Matrix: Water
Analysis Batch: 47375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 07:15	1

Lab Sample ID: LCS 880-47375/4
Matrix: Water
Analysis Batch: 47375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.03893		mg/L		97	85 - 115

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSD 880-47375/5
Matrix: Water
Analysis Batch: 47375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.03893		mg/L		97	85 - 115	0	20

Lab Sample ID: MB 880-47490/3
Matrix: Water
Analysis Batch: 47490

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 08:20	1

Lab Sample ID: LCS 880-47490/4
Matrix: Water
Analysis Batch: 47490

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)			0.0400	0.03743		mg/L		94	85 - 115

Lab Sample ID: LCSD 880-47490/5
Matrix: Water
Analysis Batch: 47490

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.03743		mg/L		94	85 - 115	0	20

Lab Sample ID: MB 880-47491/3
Matrix: Water
Analysis Batch: 47491

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/23/23 09:00	1

Lab Sample ID: LCS 880-47491/4
Matrix: Water
Analysis Batch: 47491

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)			0.0400	0.04093		mg/L		102	85 - 115

Lab Sample ID: LCSD 880-47491/5
Matrix: Water
Analysis Batch: 47491

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04093		mg/L		102	85 - 115	0	20

Lab Sample ID: 880-25088-1 MS
Matrix: Water
Analysis Batch: 47375

Client Sample ID: MW090SA-W-230222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	1.02		1.00	2.010		mg/L		99	85 - 115

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: 880-25088-1 MSD
Matrix: Water
Analysis Batch: 47375

Client Sample ID: MW090SA-W-230222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	1.02		1.00	2.010		mg/L		99	85 - 115	0	20

Lab Sample ID: 880-25088-11 MS
Matrix: Water
Analysis Batch: 47490

Client Sample ID: MW074SA-W-230222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U	0.200	0.2214		mg/L		111	85 - 115

Lab Sample ID: 880-25088-11 MSD
Matrix: Water
Analysis Batch: 47490

Client Sample ID: MW074SA-W-230222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2214		mg/L		111	85 - 115	0	20

Lab Sample ID: 880-25088-22 MS
Matrix: Water
Analysis Batch: 47491

Client Sample ID: DUP-1-W-230222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.730	H	1.00	1.702		mg/L		97	85 - 115

Lab Sample ID: 880-25088-22 MSD
Matrix: Water
Analysis Batch: 47491

Client Sample ID: DUP-1-W-230222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.730	H	1.00	1.702		mg/L		97	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-92281/1
Matrix: Water
Analysis Batch: 92281

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/01/23 16:00	1

Lab Sample ID: LCS 860-92281/2
Matrix: Water
Analysis Batch: 92281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	970.0		mg/L		97	80 - 120

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCSD 860-92281/3
Matrix: Water
Analysis Batch: 92281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	947.0		mg/L		95	80 - 120	2	10

Lab Sample ID: LLCS 860-92281/4
Matrix: Water
Analysis Batch: 92281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		88	50 - 150		

Lab Sample ID: 880-25088-1 DU
Matrix: Water
Analysis Batch: 92281

Client Sample ID: MW090SA-W-230222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	4420			4316		mg/L				2	10

Lab Sample ID: 880-25088-2 DU
Matrix: Water
Analysis Batch: 92281

Client Sample ID: MW089SA-W-230222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2360			2358		mg/L				0.08	10

Lab Sample ID: MB 860-92284/1
Matrix: Water
Analysis Batch: 92284

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/01/23 16:00	1

Lab Sample ID: LCS 860-92284/2
Matrix: Water
Analysis Batch: 92284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	896.0		mg/L		90	80 - 120		

Lab Sample ID: LCSD 860-92284/3
Matrix: Water
Analysis Batch: 92284

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	909.0		mg/L		91	80 - 120	1	10

Lab Sample ID: LLCS 860-92284/4
Matrix: Water
Analysis Batch: 92284

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		93	50 - 150		

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

HPLC/IC

Analysis Batch: 91745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-1	MW090SA-W-230222	Total/NA	Water	300.0	
880-25088-2	MW089SA-W-230222	Total/NA	Water	300.0	
880-25088-3	MW065SA-W-230222	Total/NA	Water	300.0	
880-25088-4	IW010-W-230222	Total/NA	Water	300.0	
880-25088-5	IW008-W-230222	Total/NA	Water	300.0	
880-25088-6	MW066SA-W-230222	Total/NA	Water	300.0	
880-25088-7	MW073SA-W-230222	Total/NA	Water	300.0	
880-25088-8	MW072SA-W-230222	Total/NA	Water	300.0	
880-25088-9	MW055SA-W-230222	Total/NA	Water	300.0	
880-25088-10	MW056SA-W-230222	Total/NA	Water	300.0	
880-25088-11	MW074SA-W-230222	Total/NA	Water	300.0	
MB 860-91745/3	Method Blank	Total/NA	Water	300.0	
MB 860-91745/38	Method Blank	Total/NA	Water	300.0	
LCS 860-91745/39	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-91745/40	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-91745/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 92132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-12	MW057SA-W-230222	Total/NA	Water	300.0	
880-25088-13	MW050SA-W-230222	Total/NA	Water	300.0	
880-25088-14	MW051SA-W-230222	Total/NA	Water	300.0	
880-25088-15	MW067SA-W-230222	Total/NA	Water	300.0	
880-25088-16	MW079SA-W-230222	Total/NA	Water	300.0	
880-25088-17	IW003-W-230222	Total/NA	Water	300.0	
880-25088-18	MW054SA-W-230222	Total/NA	Water	300.0	
880-25088-19	MW052SA-W-230222	Total/NA	Water	300.0	
880-25088-20	MW049SA-W-230222	Total/NA	Water	300.0	
880-25088-21	MW048SA-W-230222	Total/NA	Water	300.0	
880-25088-22	DUP-1-W-230222	Total/NA	Water	300.0	
880-25088-23	DUP-2-W-230222	Total/NA	Water	300.0	
MB 860-92132/14	Method Blank	Total/NA	Water	300.0	
MB 860-92132/65	Method Blank	Total/NA	Water	300.0	
LCS 860-92132/15	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-92132/66	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-92132/16	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-92132/67	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-92132/18	Lab Control Sample	Total/NA	Water	300.0	
880-25088-16 MS	MW079SA-W-230222	Total/NA	Water	300.0	
880-25088-16 MSD	MW079SA-W-230222	Total/NA	Water	300.0	

Metals

Prep Batch: 91787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-1	MW090SA-W-230222	Dissolved	Water	3010A	
880-25088-2	MW089SA-W-230222	Dissolved	Water	3010A	
880-25088-3	MW065SA-W-230222	Dissolved	Water	3010A	
880-25088-4	IW010-W-230222	Dissolved	Water	3010A	
880-25088-5	IW008-W-230222	Dissolved	Water	3010A	
880-25088-6	MW066SA-W-230222	Dissolved	Water	3010A	

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Metals (Continued)

Prep Batch: 91787 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-7	MW073SA-W-230222	Dissolved	Water	3010A	
880-25088-8	MW072SA-W-230222	Dissolved	Water	3010A	
880-25088-9	MW055SA-W-230222	Dissolved	Water	3010A	
880-25088-10	MW056SA-W-230222	Dissolved	Water	3010A	
880-25088-11	MW074SA-W-230222	Dissolved	Water	3010A	
880-25088-12	MW057SA-W-230222	Dissolved	Water	3010A	
880-25088-13	MW050SA-W-230222	Dissolved	Water	3010A	
880-25088-14	MW051SA-W-230222	Dissolved	Water	3010A	
880-25088-15	MW067SA-W-230222	Dissolved	Water	3010A	
880-25088-16	MW079SA-W-230222	Dissolved	Water	3010A	
880-25088-17	IW003-W-230222	Dissolved	Water	3010A	
880-25088-18	MW054SA-W-230222	Dissolved	Water	3010A	
880-25088-19	MW052SA-W-230222	Dissolved	Water	3010A	
880-25088-20	MW049SA-W-230222	Dissolved	Water	3010A	
MB 860-91787/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-91787/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-91787/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-25088-1 MS	MW090SA-W-230222	Dissolved	Water	3010A	
880-25088-1 MSD	MW090SA-W-230222	Dissolved	Water	3010A	

Prep Batch: 91791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-21	MW048SA-W-230222	Dissolved	Water	3010A	
880-25088-22	DUP-1-W-230222	Dissolved	Water	3010A	
880-25088-23	DUP-2-W-230222	Dissolved	Water	3010A	
MB 860-91791/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-91791/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-91791/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-25088-21 MS	MW048SA-W-230222	Dissolved	Water	3010A	
880-25088-21 MSD	MW048SA-W-230222	Dissolved	Water	3010A	

Analysis Batch: 92000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-1	MW090SA-W-230222	Dissolved	Water	6020A	91787
880-25088-1	MW090SA-W-230222	Dissolved	Water	6020A	91787
880-25088-2	MW089SA-W-230222	Dissolved	Water	6020A	91787
880-25088-3	MW065SA-W-230222	Dissolved	Water	6020A	91787
880-25088-4	IW010-W-230222	Dissolved	Water	6020A	91787
880-25088-4	IW010-W-230222	Dissolved	Water	6020A	91787
880-25088-5	IW008-W-230222	Dissolved	Water	6020A	91787
880-25088-5	IW008-W-230222	Dissolved	Water	6020A	91787
880-25088-6	MW066SA-W-230222	Dissolved	Water	6020A	91787
880-25088-7	MW073SA-W-230222	Dissolved	Water	6020A	91787
880-25088-8	MW072SA-W-230222	Dissolved	Water	6020A	91787
880-25088-9	MW055SA-W-230222	Dissolved	Water	6020A	91787
880-25088-10	MW056SA-W-230222	Dissolved	Water	6020A	91787
880-25088-11	MW074SA-W-230222	Dissolved	Water	6020A	91787
880-25088-12	MW057SA-W-230222	Dissolved	Water	6020A	91787
880-25088-13	MW050SA-W-230222	Dissolved	Water	6020A	91787
880-25088-14	MW051SA-W-230222	Dissolved	Water	6020A	91787
880-25088-14	MW051SA-W-230222	Dissolved	Water	6020A	91787

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Metals (Continued)

Analysis Batch: 92000 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-15	MW067SA-W-230222	Dissolved	Water	6020A	91787
880-25088-16	MW079SA-W-230222	Dissolved	Water	6020A	91787
880-25088-17	IW003-W-230222	Dissolved	Water	6020A	91787
880-25088-17	IW003-W-230222	Dissolved	Water	6020A	91787
880-25088-18	MW054SA-W-230222	Dissolved	Water	6020A	91787
880-25088-19	MW052SA-W-230222	Dissolved	Water	6020A	91787
880-25088-20	MW049SA-W-230222	Dissolved	Water	6020A	91787
880-25088-21	MW048SA-W-230222	Dissolved	Water	6020A	91791
880-25088-22	DUP-1-W-230222	Dissolved	Water	6020A	91791
880-25088-22	DUP-1-W-230222	Dissolved	Water	6020A	91791
880-25088-23	DUP-2-W-230222	Dissolved	Water	6020A	91791
MB 860-91787/1-A	Method Blank	Total/NA	Water	6020A	91787
MB 860-91791/1-A	Method Blank	Total/NA	Water	6020A	91791
LCS 860-91787/2-A	Lab Control Sample	Total/NA	Water	6020A	91787
LCS 860-91791/2-A	Lab Control Sample	Total/NA	Water	6020A	91791
LCSD 860-91787/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	91787
LCSD 860-91791/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	91791
880-25088-1 MS	MW090SA-W-230222	Dissolved	Water	6020A	91787
880-25088-1 MSD	MW090SA-W-230222	Dissolved	Water	6020A	91787
880-25088-21 MS	MW048SA-W-230222	Dissolved	Water	6020A	91791
880-25088-21 MSD	MW048SA-W-230222	Dissolved	Water	6020A	91791

General Chemistry

Analysis Batch: 47375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-1	MW090SA-W-230222	Dissolved	Water	7196A	
880-25088-2	MW089SA-W-230222	Dissolved	Water	7196A	
880-25088-3	MW065SA-W-230222	Dissolved	Water	7196A	
880-25088-4	IW010-W-230222	Dissolved	Water	7196A	
880-25088-5	IW008-W-230222	Dissolved	Water	7196A	
880-25088-6	MW066SA-W-230222	Dissolved	Water	7196A	
880-25088-7	MW073SA-W-230222	Dissolved	Water	7196A	
880-25088-8	MW072SA-W-230222	Dissolved	Water	7196A	
880-25088-9	MW055SA-W-230222	Dissolved	Water	7196A	
880-25088-10	MW056SA-W-230222	Dissolved	Water	7196A	
MB 880-47375/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47375/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47375/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25088-1 MS	MW090SA-W-230222	Dissolved	Water	7196A	
880-25088-1 MSD	MW090SA-W-230222	Dissolved	Water	7196A	

Analysis Batch: 47490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-11	MW074SA-W-230222	Dissolved	Water	7196A	
880-25088-12	MW057SA-W-230222	Dissolved	Water	7196A	
880-25088-13	MW050SA-W-230222	Dissolved	Water	7196A	
880-25088-14	MW051SA-W-230222	Dissolved	Water	7196A	
880-25088-15	MW067SA-W-230222	Dissolved	Water	7196A	
880-25088-16	MW079SA-W-230222	Dissolved	Water	7196A	
880-25088-17	IW003-W-230222	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

General Chemistry (Continued)

Analysis Batch: 47490 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-18	MW054SA-W-230222	Dissolved	Water	7196A	
880-25088-19	MW052SA-W-230222	Dissolved	Water	7196A	
880-25088-20	MW049SA-W-230222	Dissolved	Water	7196A	
MB 880-47490/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47490/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47490/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25088-11 MS	MW074SA-W-230222	Dissolved	Water	7196A	
880-25088-11 MSD	MW074SA-W-230222	Dissolved	Water	7196A	

Analysis Batch: 47491

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-21	MW048SA-W-230222	Dissolved	Water	7196A	
880-25088-22	DUP-1-W-230222	Dissolved	Water	7196A	
880-25088-23	DUP-2-W-230222	Dissolved	Water	7196A	
MB 880-47491/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47491/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47491/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25088-22 MS	DUP-1-W-230222	Dissolved	Water	7196A	
880-25088-22 MSD	DUP-1-W-230222	Dissolved	Water	7196A	

Analysis Batch: 92281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-1	MW090SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-2	MW089SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-3	MW065SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-4	IW010-W-230222	Total/NA	Water	SM 2540C	
880-25088-5	IW008-W-230222	Total/NA	Water	SM 2540C	
880-25088-6	MW066SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-7	MW073SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-8	MW072SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-9	MW055SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-10	MW056SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-12	MW057SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-13	MW050SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-14	MW051SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-15	MW067SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-16	MW079SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-17	IW003-W-230222	Total/NA	Water	SM 2540C	
880-25088-18	MW054SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-19	MW052SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-20	MW049SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-21	MW048SA-W-230222	Total/NA	Water	SM 2540C	
MB 860-92281/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92281/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92281/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92281/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-25088-1 DU	MW090SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-2 DU	MW089SA-W-230222	Total/NA	Water	SM 2540C	

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

General Chemistry

Analysis Batch: 92284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25088-11	MW074SA-W-230222	Total/NA	Water	SM 2540C	
880-25088-22	DUP-1-W-230222	Total/NA	Water	SM 2540C	
880-25088-23	DUP-2-W-230222	Total/NA	Water	SM 2540C	
MB 860-92284/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92284/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92284/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92284/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW090SA-W-230222
Date Collected: 02/22/23 07:24
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 04:48	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 16:44	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92000	02/27/23 16:56	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW089SA-W-230222
Date Collected: 02/22/23 07:42
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 05:00	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:03	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW065SA-W-230222
Date Collected: 02/22/23 08:04
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 05:12	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:05	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: IW010-W-230222
Date Collected: 02/22/23 08:14
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 05:25	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:08	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92000	02/27/23 17:20	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: IW008-W-230222
Date Collected: 02/22/23 08:40
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 05:37	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:10	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92000	02/27/23 17:22	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW066SA-W-230222
Date Collected: 02/22/23 08:58
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 05:49	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:12	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW073SA-W-230222
Date Collected: 02/22/23 09:15
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			91745	02/26/23 02:19	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:31	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW072SA-W-230222
Date Collected: 02/22/23 09:32
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			91745	02/26/23 03:21	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:34	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW055SA-W-230222
Date Collected: 02/22/23 10:35
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 07:04	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:36	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW056SA-W-230222
Date Collected: 02/22/23 10:50
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			91745	02/26/23 07:16	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:39	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47375	02/23/23 07:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW074SA-W-230222
Date Collected: 02/22/23 11:13
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			91745	02/26/23 08:18	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 17:41	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92284	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW057SA-W-230222
Date Collected: 02/22/23 11:26
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 04:42	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:00	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW050SA-W-230222
Date Collected: 02/22/23 11:45
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 06:18	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:03	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW051SA-W-230222
Date Collected: 02/22/23 12:03
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 06:41	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:05	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92000	02/27/23 18:17	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW067SA-W-230222
Date Collected: 02/22/23 12:59
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	92132	03/01/23 04:54	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:07	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW079SA-W-230222
Date Collected: 02/22/23 13:18
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	0 mL	1.0 mL	92132	03/01/23 05:06	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:10	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: IW003-W-230222
Date Collected: 02/22/23 13:35
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 07:05	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:29	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92000	02/27/23 18:38	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW054SA-W-230222
Date Collected: 02/22/23 13:56
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 07:29	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:31	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW052SA-W-230222
Date Collected: 02/22/23 14:11
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-19
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 07:53	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:33	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: MW049SA-W-230222
Date Collected: 02/22/23 14:37
Date Received: 02/22/23 18:45

Lab Sample ID: 880-25088-20
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 08:41	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91787	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 18:36	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47490	02/23/23 08:20	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Client Sample ID: MW048SA-W-230222

Lab Sample ID: 880-25088-21
Matrix: Water
Date Collected: 02/22/23 14:50
Date Received: 02/22/23 18:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 09:04	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:02	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47491	02/23/23 09:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92281	03/01/23 16:00	HN	EET HOU

Client Sample ID: DUP-1-W-230222

Lab Sample ID: 880-25088-22
Matrix: Water
Date Collected: 02/22/23 00:00
Date Received: 02/22/23 18:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 09:28	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:25	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92000	02/27/23 19:37	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	47491	02/23/23 09:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92284	03/01/23 16:00	HN	EET HOU

Client Sample ID: DUP-2-W-230222

Lab Sample ID: 880-25088-23
Matrix: Water
Date Collected: 02/22/23 00:00
Date Received: 02/22/23 18:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	92132	03/01/23 09:52	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:28	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47491	02/23/23 09:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92284	03/01/23 16:00	HN	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-48	06-30-23

Method Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25088-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25088-1	MW090SA-W-230222	Water	02/22/23 07:24	02/22/23 18:45
880-25088-2	MW089SA-W-230222	Water	02/22/23 07:42	02/22/23 18:45
880-25088-3	MW065SA-W-230222	Water	02/22/23 08:04	02/22/23 18:45
880-25088-4	IW010-W-230222	Water	02/22/23 08:14	02/22/23 18:45
880-25088-5	IW008-W-230222	Water	02/22/23 08:40	02/22/23 18:45
880-25088-6	MW066SA-W-230222	Water	02/22/23 08:58	02/22/23 18:45
880-25088-7	MW073SA-W-230222	Water	02/22/23 09:15	02/22/23 18:45
880-25088-8	MW072SA-W-230222	Water	02/22/23 09:32	02/22/23 18:45
880-25088-9	MW055SA-W-230222	Water	02/22/23 10:35	02/22/23 18:45
880-25088-10	MW056SA-W-230222	Water	02/22/23 10:50	02/22/23 18:45
880-25088-11	MW074SA-W-230222	Water	02/22/23 11:13	02/22/23 18:45
880-25088-12	MW057SA-W-230222	Water	02/22/23 11:26	02/22/23 18:45
880-25088-13	MW050SA-W-230222	Water	02/22/23 11:45	02/22/23 18:45
880-25088-14	MW051SA-W-230222	Water	02/22/23 12:03	02/22/23 18:45
880-25088-15	MW067SA-W-230222	Water	02/22/23 12:59	02/22/23 18:45
880-25088-16	MW079SA-W-230222	Water	02/22/23 13:18	02/22/23 18:45
880-25088-17	IW003-W-230222	Water	02/22/23 13:35	02/22/23 18:45
880-25088-18	MW054SA-W-230222	Water	02/22/23 13:56	02/22/23 18:45
880-25088-19	MW052SA-W-230222	Water	02/22/23 14:11	02/22/23 18:45
880-25088-20	MW049SA-W-230222	Water	02/22/23 14:37	02/22/23 18:45
880-25088-21	MW048SA-W-230222	Water	02/22/23 14:50	02/22/23 18:45
880-25088-22	DUP-1-W-230222	Water	02/22/23 00:00	02/22/23 18:45
880-25088-23	DUP-2-W-230222	Water	02/22/23 00:00	02/22/23 18:45

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta GA (770-449-8800) Tampa,FL (813-620-2000)

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Work Order No: _____

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☒ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	X
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C)	19/1.6	Thermometer ID	180	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-0.3	
Sample Custody Seals:	Yes No (N/A)	Total Containers:		

880-25088 Chain of Custody

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)	Sample Comments
MW080SA-W-230222	W	02/22/23	0724		3			X	X	X	X	All Samples Collected
MW089SA-W-230222	W	02/22/23	0742		3			X	X	X	X	MOT
MW065SA-W-230222	W	02/22/23	0804		3			X	X	X	X	
IW010-W-230222	W	02/22/23	0814		3			X	X	X	X	
IW008-W-230222	W	02/22/23	0840		3			X	X	X	X	
MW066SA-W-230222	W	02/22/23	0858		3			X	X	X	X	
MW073SA-W-230222	W	02/22/23	0915		3			X	X	X	X	
MW072SA-W-230222	W	02/22/23	0932		3			X	X	X	X	
MW055SA-W-230222	W	02/22/23	1035		3			X	X	X	X	
MW056SA-W-230222	W	02/22/23	1050		3			X	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Michael Rowland		02/22/23 1845	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/13/2024 8:06:07 PM

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3/3/2023

Released to Imaging: 4/30/2024 9:27:34 AM

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa FL (813-620-2000)

www.xenco.com Page 2 of 3

Work Order No: _____

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP:	
Phone:	303-471-2477 Email	andrew.demarco@arcadis.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC Superfund ☐
State of Project: New Mexico
Reporting Level II ☒ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N Eunice	Turn Around	
Project Number:	30109021	Routine	☒
P.O. Number:		Rush:	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW045SA-W-230222	W	02/22/23	1113		3			X	X	X	X
MW057SA-W-230222	W	02/22/23	1126		3			X	X	X	X
MW053SA-W-230222	W	02/22/23	1145		3			X	X	X	X
MW058SA-W-230222	W	02/22/23	1203		3			X	X	X	X
MW067SA-W-230222	W	02/22/23	1259		3			X	X	X	X
MW078SA-W-230222	W	02/22/23	1318		3			X	X	X	X
TW003-W-230222	W	02/22/23	1335		3			X	X	X	X
MW054SA-W-230222	W	02/22/23	1356		3			X	X	X	X
MW052SA-W-230222	W	02/22/23	1411		3			X	X	X	X
MW049SA-W-230222	W	02/22/23	1437		3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1 Michael Pedroza		02/22/23	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

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Work Order No: _____

Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address.	1004 N. Big Spring St.	Address.	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	303-471-2477	Email:	andrew demarco@arcadis com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	☒
P O Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact.	Yes No			
Cooler Custody Seals.	Yes No N/A	Correction Factor		
Sample Custody Seals.	Yes No N/A	Total Containers.		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS) Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW04S A-W-230222	W	02/22/23	1450		3			X	X	X	X
DUP-1-W-230222	W	02/22/23	—		3			X	X	X	X
DUP-2-W-230222	W	02/22/23	—		3			X	X	X	X

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U 1631 / 245.1 / 7470 / 7471 Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by. (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		02/23/23	2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

Received by OCD: 3/13/2024 8:06:07 PM

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3/3/2023

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Received by OCD: 3/13/2024 8:06:07 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-6367 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25088-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2023			Preservation Codes:
City: Stafford	TAT Requested (days):			A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			Other
Email:	WO #:			
Project Name: Eunice Project N Eunice	Project #: 88000209			
Site:	SSOW#:			

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW090SA-W-230222 (880-25088-1)	2/22/23	07:24 Mountain		Water			X	X	X	2	
MW089SA-W-230222 (880-25088-2)	2/22/23	07:42 Mountain		Water			X	X	X	2	
MW065SA-W-230222 (880-25088-3)	2/22/23	08:04 Mountain		Water			X	X	X	2	
IW010-W-230222 (880-25088-4)	2/22/23	08:14 Mountain		Water			X	X	X	2	
IW008-W-230222 (880-25088-5)	2/22/23	08:40 Mountain		Water			X	X	X	2	
MW066SA-W-230222 (880-25088-6)	2/22/23	08:58 Mountain		Water			X	X	X	2	
MW073SA-W-230222 (880-25088-7)	2/22/23	09:15 Mountain		Water			X	X	X	2	
MW072SA-W-230222 (880-25088-8)	2/22/23	09:32 Mountain		Water			X	X	X	2	
MW055SA-W-230222 (880-25088-9)	2/22/23	10:35 Mountain		Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/24/2023 10:38	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: IR ID:HOU-344 C/F -0.2 1.9 Corrected Temp. 1.7

Ver: 06/08/2021

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Received by OCD: 3/13/2024 8:06:07 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6367.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25088-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2023			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project N Eunice	Project #: 88000209			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastestoi, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW052SA-W-230222 (880-25088-19)	2/22/23	14.11 Mountain		Water			X	X	X	2	
MW049SA-W-230222 (880-25088-20)	2/22/23	14.37 Mountain		Water			X	X	X	2	
MW048SA-W-230222 (880-25088-21)	2/22/23	14.50 Mountain		Water			X	X	X	2	
DUP-1-W-230222 (880-25088-22)	2/22/23	Mountain		Water			X	X	X	2	
DUP-2-W-230222 (880-25088-23)	2/22/23	Mountain		Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEX	Date/Time:	Company
Relinquished by: FedEX	Date/Time:	Company	Received by:	Date/Time: 2/24/2023 10:38	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:	Temp: IR ID:HOU-344 C/F:-0.2 1.9 Corrected Temp: 1.7

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-25088-1
SDG Number: 30109021

Login Number: 25088
List Number: 1
Creator: Kramer, Jessica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-25088-1
SDG Number: 30109021

Login Number: 25088
List Number: 2
Creator: Pena, Jesiel

List Source: Eurofins Houston
List Creation: 02/24/23 02:37 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andrew DeMarco
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 3/8/2023 7:57:58 AM

JOB DESCRIPTION

Eunice Project - N Eunice

JOB NUMBER

880-25132-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/30/2024 9:27:54 AM

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/8/2023 7:57:58 AM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Laboratory Job ID: 880-25132-1

Table of Contents

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Certification Summary 32
Method Summary 33
Sample Summary 34
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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-25132-1

Receipt
The samples were received on 2/23/2023 6:12 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.3°C

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW015A-W-230223 (880-25132-8). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW068-W-230223 (880-25132-18). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: Holding time flag due to sample not having a sampling time. : DUP-3-W-230223 (880-25132-21).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Released to Imaging: 4/30/2024 9:27:34 AM

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW-041A-W-230223 Lab Sample ID: 880-25132-1

Date Collected: 02/23/23 08:24 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	394		5.00	2.00	mg/L			03/05/23 18:17	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00981		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:49	1
Chromium	0.183		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:49	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:49	1
Manganese	0.000586	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1620		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.186		0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: IW023-W-230223 Lab Sample ID: 880-25132-2

Date Collected: 02/23/23 08:42 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	552		5.00	2.00	mg/L			03/05/23 18:29	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00969		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:52	1
Chromium	0.255		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:52	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:52	1
Manganese	0.000342	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2890		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.265		0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW093SA-W-230223 Lab Sample ID: 880-25132-3

Date Collected: 02/23/23 09:01 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	835		5.00	2.00	mg/L			03/05/23 18:41	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00831		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:54	1
Chromium	0.372		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:54	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW093SA-W-230223 Lab Sample ID: 880-25132-3

Date Collected: 02/23/23 09:01 Matrix: Water
Date Received: 02/23/23 18:12

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:54	1
Manganese	0.00728		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3600		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.389		0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW021A-W-230223 Lab Sample ID: 880-25132-4

Date Collected: 02/23/23 09:16 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2510		5.00	2.00	mg/L			03/05/23 18:54	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00961		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:56	1
Chromium	0.00250	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:56	1
Iron	0.0299	J	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:56	1
Manganese	0.0188		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5520		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW020A-W-230223 Lab Sample ID: 880-25132-5

Date Collected: 02/23/23 09:33 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	861		5.00	2.00	mg/L			03/05/23 19:06	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 19:59	1
Chromium	0.00886		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 19:59	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 19:59	1
Manganese	0.000267	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 19:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2070		20.0	20.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW020A-W-230223 Lab Sample ID: 880-25132-5

Date Collected: 02/23/23 09:33 **Matrix: Water**
Date Received: 02/23/23 18:12

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00393	J	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW09A-W-230223 Lab Sample ID: 880-25132-6

Date Collected: 02/23/23 09:48 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	318		0.500	0.200	mg/L			03/05/23 15:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00823		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:06	1
Chromium	0.000597	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:06	1
Iron	0.0435	J	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:06	1
Manganese	0.0112		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1330		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW018-W-230223 Lab Sample ID: 880-25132-7

Date Collected: 02/23/23 10:06 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	186		0.500	0.200	mg/L			03/05/23 15:36	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0100		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:08	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:08	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:08	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1190		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW015A-W-230223 Lab Sample ID: 880-25132-8

Date Collected: 02/23/23 10:25 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5080		50.0	20.0	mg/L			03/07/23 17:20	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00825		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:10	1
Chromium	0.00363	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:10	1
Iron	0.165		0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:10	1
Manganese	0.217		0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	10300		100	100	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW016A-W-230223 Lab Sample ID: 880-25132-9

Date Collected: 02/23/23 10:41 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	644		5.00	2.00	mg/L			03/05/23 19:56	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00910		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:13	1
Chromium	0.0113		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:13	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:13	1
Manganese	0.000332	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1550		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00593	J	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW010-W-230223 Lab Sample ID: 880-25132-10

Date Collected: 02/23/23 11:53 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2160		5.00	2.00	mg/L			03/05/23 20:08	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00853		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:15	1
Chromium	0.0106		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:15	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW010-W-230223 Lab Sample ID: 880-25132-10

Date Collected: 02/23/23 11:53 Matrix: Water
Date Received: 02/23/23 18:12

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:15	1
Manganese	0.000834	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4970		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Client Sample ID: MW04A-W-230223 Lab Sample ID: 880-25132-11

Date Collected: 02/23/23 12:06 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.7		0.500	0.200	mg/L			03/05/23 15:48	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0187		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:18	1
Chromium	0.00198	J	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:18	1
Manganese	0.000472	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	532		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW013-W-230223 Lab Sample ID: 880-25132-12

Date Collected: 02/23/23 12:19 Matrix: Water
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		5.00	2.00	mg/L			03/05/23 20:20	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00615		0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 20:20	1
Chromium	0.468		0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 20:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 20:20	1
Manganese	0.000232	J	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 20:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3700		40.0	40.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW013-W-230223 Lab Sample ID: 880-25132-12

Date Collected: 02/23/23 12:19 **Matrix: Water**
Date Received: 02/23/23 18:12

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.498		0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW026-W-230223 Lab Sample ID: 880-25132-13

Date Collected: 02/23/23 12:33 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		0.500	0.200	mg/L			03/05/23 16:01	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00745		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:19	1
Chromium	0.000621	J	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:19	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:19	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1140		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW027-W-230223 Lab Sample ID: 880-25132-14

Date Collected: 02/23/23 12:50 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	364		5.00	2.00	mg/L			03/05/23 22:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00732		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:38	1
Chromium	0.000662	J	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:38	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:38	1
Manganese	0.000233	J	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1530		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW032-W-230223 Lab Sample ID: 880-25132-15

Date Collected: 02/23/23 13:05 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	479		5.00	2.00	mg/L			03/05/23 22:49	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00424		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:40	1
Chromium	0.00105	J	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:40	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:40	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1830		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW061-W-230223 Lab Sample ID: 880-25132-16

Date Collected: 02/23/23 13:22 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	935		5.00	2.00	mg/L			03/05/23 23:26	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0112		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:43	1
Chromium	0.805		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:43	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:43	1
Manganese	0.0305		0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4600		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.807		0.0500	0.0135	mg/L			02/24/23 08:30	5

Client Sample ID: MW094-W-230223 Lab Sample ID: 880-25132-17

Date Collected: 02/23/23 13:51 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	997		5.00	2.00	mg/L			03/05/23 23:38	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00956		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:45	1
Chromium	0.0626		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:45	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW094-W-230223 Lab Sample ID: 880-25132-17

Date Collected: 02/23/23 13:51 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:45	1
Manganese	**0.0111**		0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4420**		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0434**		0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW068-W-230223 Lab Sample ID: 880-25132-18

Date Collected: 02/23/23 14:24 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9840**		50.0	20.0	mg/L			03/06/23 00:15	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0139**		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:48	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:48	1
Iron	**0.153**		0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:48	1
Manganese	**2.66**		0.0400	0.00448	mg/L		02/27/23 10:00	02/28/23 16:10	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**18000**		100	100	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW024A-W-230223 Lab Sample ID: 880-25132-19

Date Collected: 02/23/23 14:53 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**879**		5.00	2.00	mg/L			03/05/23 23:50	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0115**		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:50	1
Chromium	**0.465**		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:50	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:50	1
Manganese	**0.000634**	**J**	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3120**		40.0	40.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW024A-W-230223 Lab Sample ID: 880-25132-19

Date Collected: 02/23/23 14:53 **Matrix: Water**
Date Received: 02/23/23 18:12

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.469		0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: MW062A-W-230223 Lab Sample ID: 880-25132-20

Date Collected: 02/23/23 15:13 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.5		0.500	0.200	mg/L			03/05/23 16:13	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0219		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:52	1
Chromium	0.00449		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:52	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:52	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	522		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Client Sample ID: DUP-3-W-230223 Lab Sample ID: 880-25132-21

Date Collected: 02/23/23 00:00 **Matrix: Water**
Date Received: 02/23/23 18:12

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	546		5.00	2.00	mg/L			03/06/23 00:03	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00966		0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:55	1
Chromium	0.267		0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:55	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:55	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2940		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.270	H	0.0100	0.00270	mg/L			02/24/23 09:15	1

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-92704/3
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/05/23 13:19	1

Lab Sample ID: MB 860-92704/40
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/05/23 20:58	1

Lab Sample ID: LCS 860-92704/4
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.26		mg/L		103	90 - 110

Lab Sample ID: LCS 860-92704/41
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.25		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-92704/42
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.33		mg/L		103	90 - 110	1	20

Lab Sample ID: LCSD 860-92704/5
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.33		mg/L		103	90 - 110	1	20

Lab Sample ID: LLCS 860-92704/7
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5580		mg/L		112	50 - 150

Lab Sample ID: MB 860-93048/3
Matrix: Water
Analysis Batch: 93048

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/07/23 16:04	1

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-93048/4
Matrix: Water
Analysis Batch: 93048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.15		mg/L		102	90 - 110		

Lab Sample ID: LCSD 860-93048/5
Matrix: Water
Analysis Batch: 93048

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.26		mg/L		103	90 - 110	1	20

Lab Sample ID: LLCS 860-93048/7
Matrix: Water
Analysis Batch: 93048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.5600		mg/L		112	50 - 150		

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-91791/1-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91791

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		02/27/23 08:30	02/27/23 18:55	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 08:30	02/27/23 18:55	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 08:30	02/27/23 18:55	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 08:30	02/27/23 18:55	1

Lab Sample ID: LCS 860-91791/2-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91791

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.09445		mg/L		94	80 - 120		
Chromium			0.100	0.09140		mg/L		91	80 - 120		
Iron			0.500	0.4648		mg/L		93	80 - 120		
Manganese			0.100	0.09358		mg/L		94	80 - 120		

Lab Sample ID: LCSD 860-91791/3-A
Matrix: Water
Analysis Batch: 92000

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91791

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09453		mg/L		95	80 - 120	0	20
Chromium			0.100	0.09129		mg/L		91	80 - 120	0	20
Iron			0.500	0.4658		mg/L		93	80 - 120	0	20
Manganese			0.100	0.09318		mg/L		93	80 - 120	0	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 860-91807/1-A
Matrix: Water
Analysis Batch: 92087

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 91807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		02/27/23 10:00	02/28/23 14:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 10:00	02/28/23 14:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 10:00	02/28/23 14:12	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 10:00	02/28/23 14:12	1

Lab Sample ID: LCS 860-91807/2-A
Matrix: Water
Analysis Batch: 92087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91807

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.09221		mg/L		92	80 - 120		
Chromium			0.100	0.09342		mg/L		93	80 - 120		
Iron			0.500	0.4556		mg/L		91	80 - 120		
Manganese			0.100	0.09336		mg/L		93	80 - 120		

Lab Sample ID: LCSD 860-91807/3-A
Matrix: Water
Analysis Batch: 92087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91807

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09512		mg/L		95	80 - 120	3	20
Chromium			0.100	0.09424		mg/L		94	80 - 120	1	20
Iron			0.500	0.4619		mg/L		92	80 - 120	1	20
Manganese			0.100	0.09367		mg/L		94	80 - 120	0	20

Lab Sample ID: 880-25132-13 MS
Matrix: Water
Analysis Batch: 92087

Client Sample ID: MW026-W-230223
Prep Type: Dissolved
Prep Batch: 91807

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	0.00745		0.100	0.1007		mg/L		93	75 - 125		
Chromium	0.000621	J	0.100	0.09294		mg/L		92	75 - 125		
Iron	<0.0283	U	0.500	0.4644		mg/L		93	75 - 125		
Manganese	<0.000224	U	0.100	0.08934		mg/L		89	75 - 125		

Lab Sample ID: 880-25132-13 MSD
Matrix: Water
Analysis Batch: 92087

Client Sample ID: MW026-W-230223
Prep Type: Dissolved
Prep Batch: 91807

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.00745		0.100	0.09967		mg/L		92	75 - 125	1	20
Chromium	0.000621	J	0.100	0.09337		mg/L		93	75 - 125	0	20
Iron	<0.0283	U	0.500	0.4656		mg/L		93	75 - 125	0	20
Manganese	<0.000224	U	0.100	0.08966		mg/L		90	75 - 125	0	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-47493/3
Matrix: Water
Analysis Batch: 47493

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 07:30	1

Lab Sample ID: LCS 880-47493/4
Matrix: Water
Analysis Batch: 47493

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.03743		mg/L		94	85 - 115

Lab Sample ID: LCSD 880-47493/5
Matrix: Water
Analysis Batch: 47493

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.03743		mg/L		94	85 - 115	0	20

Lab Sample ID: MB 880-47496/3
Matrix: Water
Analysis Batch: 47496

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 08:30	1

Lab Sample ID: LCS 880-47496/4
Matrix: Water
Analysis Batch: 47496

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.03993		mg/L		100	85 - 115

Lab Sample ID: LCSD 880-47496/5
Matrix: Water
Analysis Batch: 47496

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.03993		mg/L		100	85 - 115	0	20

Lab Sample ID: MB 880-47497/3
Matrix: Water
Analysis Batch: 47497

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 09:15	1

Lab Sample ID: LCS 880-47497/4
Matrix: Water
Analysis Batch: 47497

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.03843		mg/L		96	85 - 115

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSD 880-47497/5
Matrix: Water
Analysis Batch: 47497

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.03793		mg/L		95	85 - 115	1	20

Lab Sample ID: 880-25132-1 MS
Matrix: Water
Analysis Batch: 47493

Client Sample ID: MW-041A-W-230223
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.186		0.200	0.3899		mg/L		102	85 - 115

Lab Sample ID: 880-25132-1 MSD
Matrix: Water
Analysis Batch: 47493

Client Sample ID: MW-041A-W-230223
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.186		0.200	0.3899		mg/L		102	85 - 115	0	20

Lab Sample ID: 880-25132-11 MS
Matrix: Water
Analysis Batch: 47496

Client Sample ID: MW04A-W-230223
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U	0.200	0.2254		mg/L		113	85 - 115

Lab Sample ID: 880-25132-11 MSD
Matrix: Water
Analysis Batch: 47496

Client Sample ID: MW04A-W-230223
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2249		mg/L		112	85 - 115	0	20

Lab Sample ID: 880-25132-21 MS
Matrix: Water
Analysis Batch: 47497

Client Sample ID: DUP-3-W-230223
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.270	H	0.200	0.4579		mg/L		94	85 - 115

Lab Sample ID: 880-25132-21 MSD
Matrix: Water
Analysis Batch: 47497

Client Sample ID: DUP-3-W-230223
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.270	H	0.200	0.4579		mg/L		94	85 - 115	0	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-92375/1
Matrix: Water
Analysis Batch: 92375

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/02/23 09:00	1

Lab Sample ID: LCS 860-92375/2
Matrix: Water
Analysis Batch: 92375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	867.0		mg/L		87	80 - 120		

Lab Sample ID: LCSD 860-92375/3
Matrix: Water
Analysis Batch: 92375

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	906.0		mg/L		91	80 - 120	4	10

Lab Sample ID: LLCS 860-92375/4
Matrix: Water
Analysis Batch: 92375

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		80	50 - 150		

Lab Sample ID: 880-25132-1 DU
Matrix: Water
Analysis Batch: 92375

Client Sample ID: MW-041A-W-230223
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1620			1690		mg/L				4	10

Lab Sample ID: 880-25132-2 DU
Matrix: Water
Analysis Batch: 92375

Client Sample ID: IW023-W-230223
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2890			2952		mg/L				2	10

Lab Sample ID: MB 860-92376/1
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/02/23 09:00	1

Lab Sample ID: LCS 860-92376/2
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	891.0		mg/L		89	80 - 120		

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCSD 860-92376/3
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	886.0		mg/L		89	80 - 120	1	10

Lab Sample ID: LLCS 860-92376/4
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	5.000		mg/L		100	50 - 150		

Lab Sample ID: 880-25132-21 DU
Matrix: Water
Analysis Batch: 92376

Client Sample ID: DUP-3-W-230223
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2940			2880		mg/L				2	10

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

HPLC/IC

Analysis Batch: 92704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-1	MW-041A-W-230223	Total/NA	Water	300.0	
880-25132-2	IW023-W-230223	Total/NA	Water	300.0	
880-25132-3	MW093SA-W-230223	Total/NA	Water	300.0	
880-25132-4	MW021A-W-230223	Total/NA	Water	300.0	
880-25132-5	MW020A-W-230223	Total/NA	Water	300.0	
880-25132-6	MW09A-W-230223	Total/NA	Water	300.0	
880-25132-7	MW018-W-230223	Total/NA	Water	300.0	
880-25132-9	MW016A-W-230223	Total/NA	Water	300.0	
880-25132-10	MW010-W-230223	Total/NA	Water	300.0	
880-25132-11	MW04A-W-230223	Total/NA	Water	300.0	
880-25132-12	MW013-W-230223	Total/NA	Water	300.0	
880-25132-13	MW026-W-230223	Total/NA	Water	300.0	
880-25132-14	MW027-W-230223	Total/NA	Water	300.0	
880-25132-15	MW032-W-230223	Total/NA	Water	300.0	
880-25132-16	MW061-W-230223	Total/NA	Water	300.0	
880-25132-17	MW094-W-230223	Total/NA	Water	300.0	
880-25132-18	MW068-W-230223	Total/NA	Water	300.0	
880-25132-19	MW024A-W-230223	Total/NA	Water	300.0	
880-25132-20	MW062A-W-230223	Total/NA	Water	300.0	
880-25132-21	DUP-3-W-230223	Total/NA	Water	300.0	
MB 860-92704/3	Method Blank	Total/NA	Water	300.0	
MB 860-92704/40	Method Blank	Total/NA	Water	300.0	
LCS 860-92704/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-92704/41	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-92704/42	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-92704/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-92704/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 93048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-8 - DL	MW015A-W-230223	Total/NA	Water	300.0	
MB 860-93048/3	Method Blank	Total/NA	Water	300.0	
LCS 860-93048/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-93048/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-93048/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 91791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-1	MW-041A-W-230223	Dissolved	Water	3010A	
880-25132-2	IW023-W-230223	Dissolved	Water	3010A	
880-25132-3	MW093SA-W-230223	Dissolved	Water	3010A	
880-25132-4	MW021A-W-230223	Dissolved	Water	3010A	
880-25132-5	MW020A-W-230223	Dissolved	Water	3010A	
880-25132-6	MW09A-W-230223	Dissolved	Water	3010A	
880-25132-7	MW018-W-230223	Dissolved	Water	3010A	
880-25132-8	MW015A-W-230223	Dissolved	Water	3010A	
880-25132-9	MW016A-W-230223	Dissolved	Water	3010A	
880-25132-10	MW010-W-230223	Dissolved	Water	3010A	
880-25132-11	MW04A-W-230223	Dissolved	Water	3010A	

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Metals (Continued)

Prep Batch: 91791 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-12	MW013-W-230223	Dissolved	Water	3010A	
MB 860-91791/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-91791/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-91791/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 91807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-13	MW026-W-230223	Dissolved	Water	3010A	
880-25132-14	MW027-W-230223	Dissolved	Water	3010A	
880-25132-15	MW032-W-230223	Dissolved	Water	3010A	
880-25132-16	MW061-W-230223	Dissolved	Water	3010A	
880-25132-17	MW094-W-230223	Dissolved	Water	3010A	
880-25132-18	MW068-W-230223	Dissolved	Water	3010A	
880-25132-19	MW024A-W-230223	Dissolved	Water	3010A	
880-25132-20	MW062A-W-230223	Dissolved	Water	3010A	
880-25132-21	DUP-3-W-230223	Dissolved	Water	3010A	
MB 860-91807/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-91807/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-91807/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-25132-13 MS	MW026-W-230223	Dissolved	Water	3010A	
880-25132-13 MSD	MW026-W-230223	Dissolved	Water	3010A	

Analysis Batch: 92000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-1	MW-041A-W-230223	Dissolved	Water	6020A	91791
880-25132-2	IW023-W-230223	Dissolved	Water	6020A	91791
880-25132-3	MW093SA-W-230223	Dissolved	Water	6020A	91791
880-25132-4	MW021A-W-230223	Dissolved	Water	6020A	91791
880-25132-5	MW020A-W-230223	Dissolved	Water	6020A	91791
880-25132-6	MW09A-W-230223	Dissolved	Water	6020A	91791
880-25132-7	MW018-W-230223	Dissolved	Water	6020A	91791
880-25132-8	MW015A-W-230223	Dissolved	Water	6020A	91791
880-25132-9	MW016A-W-230223	Dissolved	Water	6020A	91791
880-25132-10	MW010-W-230223	Dissolved	Water	6020A	91791
880-25132-11	MW04A-W-230223	Dissolved	Water	6020A	91791
880-25132-12	MW013-W-230223	Dissolved	Water	6020A	91791
MB 860-91791/1-A	Method Blank	Total/NA	Water	6020A	91791
LCS 860-91791/2-A	Lab Control Sample	Total/NA	Water	6020A	91791
LCSD 860-91791/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	91791

Analysis Batch: 92087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-13	MW026-W-230223	Dissolved	Water	6020A	91807
880-25132-14	MW027-W-230223	Dissolved	Water	6020A	91807
880-25132-15	MW032-W-230223	Dissolved	Water	6020A	91807
880-25132-16	MW061-W-230223	Dissolved	Water	6020A	91807
880-25132-17	MW094-W-230223	Dissolved	Water	6020A	91807
880-25132-18	MW068-W-230223	Dissolved	Water	6020A	91807
880-25132-18	MW068-W-230223	Dissolved	Water	6020A	91807
880-25132-19	MW024A-W-230223	Dissolved	Water	6020A	91807
880-25132-20	MW062A-W-230223	Dissolved	Water	6020A	91807

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Metals (Continued)

Analysis Batch: 92087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-21	DUP-3-W-230223	Dissolved	Water	6020A	91807
MB 860-91807/1-A	Method Blank	Total/NA	Water	6020A	91807
LCS 860-91807/2-A	Lab Control Sample	Total/NA	Water	6020A	91807
LCSD 860-91807/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	91807
880-25132-13 MS	MW026-W-230223	Dissolved	Water	6020A	91807
880-25132-13 MSD	MW026-W-230223	Dissolved	Water	6020A	91807

General Chemistry

Analysis Batch: 47493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-1	MW-041A-W-230223	Dissolved	Water	7196A	
880-25132-2	IW023-W-230223	Dissolved	Water	7196A	
880-25132-3	MW093SA-W-230223	Dissolved	Water	7196A	
880-25132-4	MW021A-W-230223	Dissolved	Water	7196A	
880-25132-5	MW020A-W-230223	Dissolved	Water	7196A	
880-25132-6	MW09A-W-230223	Dissolved	Water	7196A	
880-25132-7	MW018-W-230223	Dissolved	Water	7196A	
880-25132-8	MW015A-W-230223	Dissolved	Water	7196A	
880-25132-9	MW016A-W-230223	Dissolved	Water	7196A	
880-25132-10	MW010-W-230223	Dissolved	Water	7196A	
MB 880-47493/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47493/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47493/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25132-1 MS	MW-041A-W-230223	Dissolved	Water	7196A	
880-25132-1 MSD	MW-041A-W-230223	Dissolved	Water	7196A	

Analysis Batch: 47496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-11	MW04A-W-230223	Dissolved	Water	7196A	
880-25132-12	MW013-W-230223	Dissolved	Water	7196A	
880-25132-13	MW026-W-230223	Dissolved	Water	7196A	
880-25132-14	MW027-W-230223	Dissolved	Water	7196A	
880-25132-15	MW032-W-230223	Dissolved	Water	7196A	
880-25132-16	MW061-W-230223	Dissolved	Water	7196A	
880-25132-17	MW094-W-230223	Dissolved	Water	7196A	
880-25132-18	MW068-W-230223	Dissolved	Water	7196A	
880-25132-19	MW024A-W-230223	Dissolved	Water	7196A	
880-25132-20	MW062A-W-230223	Dissolved	Water	7196A	
MB 880-47496/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47496/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47496/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25132-11 MS	MW04A-W-230223	Dissolved	Water	7196A	
880-25132-11 MSD	MW04A-W-230223	Dissolved	Water	7196A	

Analysis Batch: 47497

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-21	DUP-3-W-230223	Dissolved	Water	7196A	
MB 880-47497/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47497/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47497/5	Lab Control Sample Dup	Total/NA	Water	7196A	

QC Association Summary

Client: ARCADIS U.S., Inc.
Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

General Chemistry (Continued)

Analysis Batch: 47497 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-21 MS	DUP-3-W-230223	Dissolved	Water	7196A	
880-25132-21 MSD	DUP-3-W-230223	Dissolved	Water	7196A	

Analysis Batch: 92375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-1	MW-041A-W-230223	Total/NA	Water	SM 2540C	
880-25132-2	IW023-W-230223	Total/NA	Water	SM 2540C	
880-25132-3	MW093SA-W-230223	Total/NA	Water	SM 2540C	
880-25132-4	MW021A-W-230223	Total/NA	Water	SM 2540C	
880-25132-5	MW020A-W-230223	Total/NA	Water	SM 2540C	
880-25132-6	MW09A-W-230223	Total/NA	Water	SM 2540C	
880-25132-7	MW018-W-230223	Total/NA	Water	SM 2540C	
880-25132-8	MW015A-W-230223	Total/NA	Water	SM 2540C	
880-25132-9	MW016A-W-230223	Total/NA	Water	SM 2540C	
880-25132-10	MW010-W-230223	Total/NA	Water	SM 2540C	
880-25132-11	MW04A-W-230223	Total/NA	Water	SM 2540C	
880-25132-12	MW013-W-230223	Total/NA	Water	SM 2540C	
880-25132-13	MW026-W-230223	Total/NA	Water	SM 2540C	
880-25132-14	MW027-W-230223	Total/NA	Water	SM 2540C	
880-25132-15	MW032-W-230223	Total/NA	Water	SM 2540C	
880-25132-16	MW061-W-230223	Total/NA	Water	SM 2540C	
880-25132-17	MW094-W-230223	Total/NA	Water	SM 2540C	
880-25132-18	MW068-W-230223	Total/NA	Water	SM 2540C	
880-25132-19	MW024A-W-230223	Total/NA	Water	SM 2540C	
880-25132-20	MW062A-W-230223	Total/NA	Water	SM 2540C	
MB 860-92375/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92375/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92375/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92375/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-25132-1 DU	MW-041A-W-230223	Total/NA	Water	SM 2540C	
880-25132-2 DU	IW023-W-230223	Total/NA	Water	SM 2540C	

Analysis Batch: 92376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25132-21	DUP-3-W-230223	Total/NA	Water	SM 2540C	
MB 860-92376/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92376/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92376/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92376/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-25132-21 DU	DUP-3-W-230223	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW-041A-W-230223
Lab Sample ID: 880-25132-1
Date Collected: 02/23/23 08:24
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 18:17	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:49	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: IW023-W-230223
Lab Sample ID: 880-25132-2
Date Collected: 02/23/23 08:42
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 18:29	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:52	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW093SA-W-230223
Lab Sample ID: 880-25132-3
Date Collected: 02/23/23 09:01
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 18:41	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:54	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW021A-W-230223
Lab Sample ID: 880-25132-4
Date Collected: 02/23/23 09:16
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 18:54	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:56	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW020A-W-230223 Lab Sample ID: 880-25132-5

Date Collected: 02/23/23 09:33 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 19:06	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 19:59	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW09A-W-230223 Lab Sample ID: 880-25132-6

Date Collected: 02/23/23 09:48 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/05/23 15:23	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:06	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW018-W-230223 Lab Sample ID: 880-25132-7

Date Collected: 02/23/23 10:06 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/05/23 15:36	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:08	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW015A-W-230223 Lab Sample ID: 880-25132-8

Date Collected: 02/23/23 10:25 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	100			93048	03/07/23 17:20	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:10	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW016A-W-230223 Lab Sample ID: 880-25132-9

Date Collected: 02/23/23 10:41 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 19:56	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:13	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW010-W-230223 Lab Sample ID: 880-25132-10

Date Collected: 02/23/23 11:53 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 20:08	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:15	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47493	02/24/23 07:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW04A-W-230223 Lab Sample ID: 880-25132-11

Date Collected: 02/23/23 12:06 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/05/23 15:48	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:18	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW013-W-230223 Lab Sample ID: 880-25132-12

Date Collected: 02/23/23 12:19 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 20:20	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91791	02/27/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92000	02/27/23 20:20	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW026-W-230223
Lab Sample ID: 880-25132-13
Date Collected: 02/23/23 12:33
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/05/23 16:01	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:19	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW027-W-230223
Lab Sample ID: 880-25132-14
Date Collected: 02/23/23 12:50
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 22:36	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:38	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW032-W-230223
Lab Sample ID: 880-25132-15
Date Collected: 02/23/23 13:05
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 22:49	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:40	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW061-W-230223
Lab Sample ID: 880-25132-16
Date Collected: 02/23/23 13:22
Matrix: Water
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 23:26	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:43	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW094-W-230223 Lab Sample ID: 880-25132-17

Date Collected: 02/23/23 13:51 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 23:38	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:45	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW068-W-230223 Lab Sample ID: 880-25132-18

Date Collected: 02/23/23 14:24 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			92704	03/06/23 00:15	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:48	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		20			92087	02/28/23 16:10	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW024A-W-230223 Lab Sample ID: 880-25132-19

Date Collected: 02/23/23 14:53 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/05/23 23:50	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:50	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW062A-W-230223 Lab Sample ID: 880-25132-20

Date Collected: 02/23/23 15:13 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/05/23 16:13	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:52	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47496	02/24/23 08:30	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92375	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-3-W-230223 **Lab Sample ID: 880-25132-21**
Date Collected: 02/23/23 00:00 **Matrix: Water**
Date Received: 02/23/23 18:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/06/23 00:03	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91807	02/27/23 10:00	MD	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 14:55	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47497	02/24/23 09:15	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-48	06-30-23

Method Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25132-1
Project/Site: Eunice Project - N Eunice

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25132-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25132-1	MW-041A-W-230223	Water	02/23/23 08:24	02/23/23 18:12
880-25132-2	IW023-W-230223	Water	02/23/23 08:42	02/23/23 18:12
880-25132-3	MW093SA-W-230223	Water	02/23/23 09:01	02/23/23 18:12
880-25132-4	MW021A-W-230223	Water	02/23/23 09:16	02/23/23 18:12
880-25132-5	MW020A-W-230223	Water	02/23/23 09:33	02/23/23 18:12
880-25132-6	MW09A-W-230223	Water	02/23/23 09:48	02/23/23 18:12
880-25132-7	MW018-W-230223	Water	02/23/23 10:06	02/23/23 18:12
880-25132-8	MW015A-W-230223	Water	02/23/23 10:25	02/23/23 18:12
880-25132-9	MW016A-W-230223	Water	02/23/23 10:41	02/23/23 18:12
880-25132-10	MW010-W-230223	Water	02/23/23 11:53	02/23/23 18:12
880-25132-11	MW04A-W-230223	Water	02/23/23 12:06	02/23/23 18:12
880-25132-12	MW013-W-230223	Water	02/23/23 12:19	02/23/23 18:12
880-25132-13	MW026-W-230223	Water	02/23/23 12:33	02/23/23 18:12
880-25132-14	MW027-W-230223	Water	02/23/23 12:50	02/23/23 18:12
880-25132-15	MW032-W-230223	Water	02/23/23 13:05	02/23/23 18:12
880-25132-16	MW061-W-230223	Water	02/23/23 13:22	02/23/23 18:12
880-25132-17	MW094-W-230223	Water	02/23/23 13:51	02/23/23 18:12
880-25132-18	MW068-W-230223	Water	02/23/23 14:24	02/23/23 18:12
880-25132-19	MW024A-W-230223	Water	02/23/23 14:53	02/23/23 18:12
880-25132-20	MW062A-W-230223	Water	02/23/23 15:13	02/23/23 18:12
880-25132-21	DUP-3-W-230223	Water	02/23/23 00:00	02/23/23 18:12

Released to Imaging: 4/30/2024 9:27:34 AM
Received by OCD: 3/13/2024 8:06:07 PM

Chain of Custody

XENCO LABORATORIES

Houston,TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: 25132

www.xenco.com Page 1 of 3

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX. 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew.demarco@arcadis.com

Work Order Comments

Program: UST/PST PRP Brownfields RRC Superfund
State of Project: New Mexico
Reporting Level II X Level III PST/UST TRRP Level IV
Deliverables. EDD X ADaPT Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	X
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	4.6/4.3	Thermometer ID	168
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-0.3
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW041A-W-230223	W	02/23/23	0824		3			X	X	X	X
IW023-W-230223	W	02/23/23	0842		3			X	X	X	X
MW035A-W-230223	W	02/23/23	0901		3			X	X	X	X
MW021A-W-230223	W	02/23/23	0916		3			X	X	X	X
MW020A-W-230223	W	02/23/23	0933		3			X	X	X	X
MW05A-W-230223	W	02/23/23	0948		3			X	X	X	X
MW018-W-230223	W	02/23/23	1006		3			X	X	X	X
MW015A-W-230223	W	02/23/23	1025		3			X	X	X	X
MW016A-W-230223	W	02/23/23	1041		3			X	X	X	X
MW01D-W-230223	W	02/23/23	1153		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected o/a MST

880-25132 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Michael Pendergrass	[signature]	02/24/23 14:12	2		
3				4		
5				6		

Revised Date 051418 Rev 2018.1

Released to Imaging: 4/30/2024 9:27:34 AM
Received by OCD: 3/13/2024 8:06:07 PM

Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: _____

www.xenco.com Page 2 of 3

Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP:	Midland, TX. 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew.demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	X
P O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS). Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300 0)
MW04A-N-230223	W	02/23/23	1106		3			X	X	X	X
MW013-N-230223	W	02/23/23	1219		3			X	X	X	X
MW026-N-230223	W	02/23/23	1233		3			X	X	X	X
MW027-N-230223	W	02/23/23	1250		3			X	X	X	X
MW082-N-230223	W	02/23/23	1307		3			X	X	X	X
MW061-N-230223	W	02/23/23	1322		3			X	X	X	X
MW084-N-230223	W	02/23/23	1351		3			X	X	X	X
MW068-N-230223	W	02/23/23	1424		3			X	X	X	X
MW024A-N-230223	W	02/23/23	1453		3			X	X	X	X
MW062A-N-230223	W	02/23/23	1513		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected in MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1 Michael Rodney		02/23/23/1812	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas,TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

www.xenco.com Page 3 of 3

Work Order No: _____

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP:	Midland, TX. 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew.demarco@arcadis.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	☒
P.O. Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact:	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
DUP-3-W-230223	W	02/23/23			3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4 30pm

Sample Comments

All Samples Collected in MSJ

Loc: 880
25132

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		02/23/23 1812	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

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Received by OCD: 3/13/2024 8:06:07 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-6379.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25132-1
Address: 4145 Greenbriar Dr	Due Date Requested: 3/2/2023			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project N Eunice	Project #: 88000209			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-041A-W-230223 (880-25132-1)	2/23/23	08:24 Mountain		Water			X	X	X	2	
IW023-W-230223 (880-25132-2)	2/23/23	08:42 Mountain		Water			X	X	X	2	
MW093SA-W-230223 (880-25132-3)	2/23/23	09:01 Mountain		Water			X	X	X	2	
MW021A-W-230223 (880-25132-4)	2/23/23	09:16 Mountain		Water			X	X	X	2	
MW020A-W-230223 (880-25132-5)	2/23/23	09:33 Mountain		Water			X	X	X	2	
MW09A-W-230223 (880-25132-6)	2/23/23	09:48 Mountain		Water			X	X	X	2	
MW018-W-230223 (880-25132-7)	2/23/23	10:06 Mountain		Water			X	X	X	2	
MW015A-W-230223 (880-25132-8)	2/23/23	10:25 Mountain		Water			X	X	X	2	
MW016A-W-230223 (880-25132-9)	2/23/23	10:41 Mountain		Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: FedEX	Date/Time:	Company
Relinquished by: FedEX	Date/Time:	Company	Received by:	Date/Time: 2/25/2023 9:16	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: IR ID:HOU-344 C/F -0.2 20 Corrected Temp: 19

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Received by OCD: 3/13/2024 8:06:07 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins
Environment Testing

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6379.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25132-1
Address: 4145 Greenbriar Dr	Due Date Requested: 3/2/2023			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email:	WO #:			
Project Name: *Eunice Project N Eunice*	Project #: 88000209			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW024A-W-230223 (880-25132-19)	2/23/23	14.53 Mountain		Water			X	X	X	2	
MW062A-W-230223 (880-25132-20)	2/23/23	15:13 Mountain		Water			X	X	X	2	
DUP-3-W-230223 (880-25132-21)	2/23/23	Mountain		Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: FedEX
Relinquished by: FedEX	Date/Time:	Company	Received by: [signature] Date/Time: 2/25/2023 9:16 Company EX
Relinquished by:	Date/Time:	Company	Received by: Date/Time: Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: Temp. ___ IR ID:HOU-344 C/F -0.2 2 0 Corrected Temp: 18

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25132-1

Login Number: 25132 **List Source: Eurofins Midland**
List Number: 1
Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25132-1

Login Number: 25132 **List Source: Eurofins Houston**
List Number: 2 **List Creation: 02/26/23 12:50 PM**
Creator: Pena, Jesiel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andrew DeMarco
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 3/10/2023 4:53:12 PM

JOB DESCRIPTION

Eunice Project - N Eunice

JOB NUMBER

880-25167-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/10/2023 4:53:12 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Laboratory Job ID: 880-25167-1

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Job ID: 880-25167-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-25167-1

Receipt
The samples were received on 2/24/2023 3:05 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.4°C

HPLC/IC
Method 300_ORGFM_28D: The method blank for analytical batch 860-92843 contained Chloride above the method detection limit (MDL). Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW058-W-230224 (880-25167-5), MW023-W-230224 (880-25167-7) and MW060-W-230224 (880-25167-9). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW063A-W-230224 Lab Sample ID: 880-25167-1

Date Collected: 02/24/23 08:02 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	54.4		0.500	0.200	mg/L			03/06/23 15:48	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0221		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 12:51	1
Chromium	0.00166	J	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 12:51	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 12:51	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 12:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	500		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW099-W-230224 Lab Sample ID: 880-25167-2

Date Collected: 02/24/23 08:22 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.8		0.500	0.200	mg/L			03/06/23 17:18	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00722		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:10	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:10	1
Iron	0.233		0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:10	1
Manganese	0.0942		0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	502		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW070-W-230224 Lab Sample ID: 880-25167-3

Date Collected: 02/24/23 08:40 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	427	B	0.500	0.200	mg/L			03/07/23 07:57	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:12	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW070-W-230224 Lab Sample ID: 880-25167-3

Date Collected: 02/24/23 08:40 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:12	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1440		20.0	20.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW030-W-230224 Lab Sample ID: 880-25167-4

Date Collected: 02/24/23 09:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	237		0.500	0.200	mg/L			03/06/23 18:11	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0162		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:15	1
Chromium	0.00151	J	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:15	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:15	1
Manganese	0.000478	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	712		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW058-W-230224 Lab Sample ID: 880-25167-5

Date Collected: 02/24/23 09:15 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		5.00	2.00	mg/L			03/06/23 18:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0120		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:17	1
Chromium	3.35		0.0800	0.0112	mg/L		02/27/23 19:48	02/28/23 16:03	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:17	1
Manganese	0.000360	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4260		40.0	40.0	mg/L			03/02/23 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW058-W-230224 Lab Sample ID: 880-25167-5

Date Collected: 02/24/23 09:15 Matrix: Water
Date Received: 02/24/23 15:05

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.58		0.100	0.0270	mg/L			02/24/23 16:00	10

Client Sample ID: MW059-W-230224 Lab Sample ID: 880-25167-6

Date Collected: 02/24/23 09:35 Matrix: Water
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	909		5.00	2.00	mg/L			03/06/23 10:58	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0117		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:20	1
Chromium	0.529		0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:20	1
Manganese	0.00294		0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4030		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.559		0.100	0.0270	mg/L			02/24/23 16:00	10

Client Sample ID: MW023-W-230224 Lab Sample ID: 880-25167-7

Date Collected: 02/24/23 09:57 Matrix: Water
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	798		5.00	2.00	mg/L			03/06/23 18:48	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00770		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:22	1
Chromium	2.92		0.0800	0.0112	mg/L		02/27/23 19:48	02/28/23 16:05	20
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:22	1
Manganese	0.000720	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3290		40.0	40.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.37		0.100	0.0270	mg/L			02/24/23 16:00	10

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW031-W-230224 Lab Sample ID: 880-25167-8

Date Collected: 02/24/23 10:19 Matrix: Water
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		0.500	0.200	mg/L			03/06/23 18:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0451		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:24	1
Chromium	0.00112	J	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:24	1
Iron	1.20		0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:24	1
Manganese	0.768		0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	886		10.0	10.0	mg/L			03/02/23 09:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: MW060-W-230224 Lab Sample ID: 880-25167-9

Date Collected: 02/24/23 10:35 Matrix: Water
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.00	mg/L			03/06/23 19:00	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.000946	J	0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:27	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:27	1
Iron	0.167		0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:27	1
Manganese	5.11		0.100	0.0112	mg/L		02/27/23 19:48	02/28/23 16:08	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4250		40.0	40.0	mg/L			03/02/23 19:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Client Sample ID: DUP-4-W-230224 Lab Sample ID: 880-25167-10

Date Collected: 02/24/23 00:00 Matrix: Water
Date Received: 02/24/23 15:05

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	939		5.00	2.00	mg/L			03/06/23 19:13	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0121		0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 13:29	1
Chromium	0.539		0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 13:29	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-4-W-230224 **Lab Sample ID: 880-25167-10**
Date Collected: 02/24/23 00:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0918	J	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 13:29	1
Manganese	0.00128	J	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4140		40.0	40.0	mg/L			03/02/23 19:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.554		0.100	0.0270	mg/L			02/24/23 16:00	10

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25167-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-92704/127
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/06/23 15:11	1

Lab Sample ID: MB 860-92704/3
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/05/23 13:19	1

Lab Sample ID: MB 860-92704/90
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/06/23 07:16	1

Lab Sample ID: LCS 860-92704/128
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.25		mg/L		102	90 - 110

Lab Sample ID: LCS 860-92704/91
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.23		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-92704/129
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.38		mg/L		104	90 - 110	1	20

Lab Sample ID: LCSD 860-92704/92
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.35		mg/L		104	90 - 110	1	20

Lab Sample ID: LLCS 860-92704/7
Matrix: Water
Analysis Batch: 92704

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5580		mg/L		112	50 - 150

QC Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-25167-1 MS — **Client Sample ID: MW063A-W-230224**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	54.4		10.0	65.63	4	mg/L		112	90 - 110

Lab Sample ID: 880-25167-1 MSD — **Client Sample ID: MW063A-W-230224**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92704

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	54.4		10.0	65.59	4	mg/L		111	90 - 110	0	20

Lab Sample ID: MB 860-92843/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92843

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.2010	J	0.500	0.200	mg/L			03/06/23 23:49	1

Lab Sample ID: LCS 860-92843/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92843

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.750		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-92843/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92843

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.889		mg/L		99	90 - 110	1	20

Lab Sample ID: LLCS 860-92843/7 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92843

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5461		mg/L		109	50 - 150

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-91947/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92087 — **Prep Batch: 91947**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		02/27/23 19:48	02/28/23 12:44	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/23 19:48	02/28/23 12:44	1
Iron	<0.0283	U	0.100	0.0283	mg/L		02/27/23 19:48	02/28/23 12:44	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		02/27/23 19:48	02/28/23 12:44	1

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25167-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-91947/2-A
Matrix: Water
Analysis Batch: 92087

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 91947

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.09457		mg/L		95	80 - 120		
Chromium			0.100	0.09498		mg/L		95	80 - 120		
Iron			0.500	0.4689		mg/L		94	80 - 120		
Manganese			0.100	0.09397		mg/L		94	80 - 120		

Lab Sample ID: LCSD 860-91947/3-A
Matrix: Water
Analysis Batch: 92087

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 91947

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09409		mg/L		94	80 - 120	1	20
Chromium			0.100	0.09364		mg/L		94	80 - 120	1	20
Iron			0.500	0.4621		mg/L		92	80 - 120	1	20
Manganese			0.100	0.09255		mg/L		93	80 - 120	2	20

Lab Sample ID: 880-25167-1 MS
Matrix: Water
Analysis Batch: 92087

Client Sample ID: MW063A-W-230224
Prep Type: Dissolved
Prep Batch: 91947

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic	0.0221		0.100	0.1018		mg/L		80	75 - 125		
Chromium	0.00166	J	0.100	0.08549		mg/L		84	75 - 125		
Iron	<0.0283	U	0.500	0.4307		mg/L		86	75 - 125		
Manganese	<0.000224	U	0.100	0.08065		mg/L		81	75 - 125		

Lab Sample ID: 880-25167-1 MSD
Matrix: Water
Analysis Batch: 92087

Client Sample ID: MW063A-W-230224
Prep Type: Dissolved
Prep Batch: 91947

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0221		0.100	0.09749		mg/L		75	75 - 125	4	20
Chromium	0.00166	J	0.100	0.07992		mg/L		78	75 - 125	7	20
Iron	<0.0283	U	0.500	0.3921		mg/L		78	75 - 125	9	20
Manganese	<0.000224	U	0.100	0.07684		mg/L		77	75 - 125	5	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-47721/3
Matrix: Water
Analysis Batch: 47721

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/24/23 16:00	1

Lab Sample ID: LCS 880-47721/4
Matrix: Water
Analysis Batch: 47721

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.03993		mg/L		100	85 - 115		

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25167-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSD 880-47721/5
Matrix: Water
Analysis Batch: 47721

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.03993		mg/L		100	85 - 115	0	20

Lab Sample ID: 880-25167-1 MS
Matrix: Water
Analysis Batch: 47721

Client Sample ID: MW063A-W-230224
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U	0.200	0.1999		mg/L		100	85 - 115

Lab Sample ID: 880-25167-1 MSD
Matrix: Water
Analysis Batch: 47721

Client Sample ID: MW063A-W-230224
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2004		mg/L		100	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-92376/1
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/02/23 09:00	1

Lab Sample ID: LCS 860-92376/2
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids			1000	891.0		mg/L		89	80 - 120

Lab Sample ID: LCSD 860-92376/3
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	886.0		mg/L		89	80 - 120	1	10

Lab Sample ID: LLCS 860-92376/4
Matrix: Water
Analysis Batch: 92376

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids			5.00	5.000		mg/L		100	50 - 150

QC Sample Results

Client: ARCADIS U.S., Inc.
Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 860-92379/1
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 92379

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/02/23 19:00	1

Lab Sample ID: LCS 860-92379/2
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 92379

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	904.0		mg/L		90	80 - 120		

Lab Sample ID: LCSD 860-92379/3
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 92379

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	893.0		mg/L		89	80 - 120	1	10

Lab Sample ID: LLCS 860-92379/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 92379

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		90	50 - 150		

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

HPLC/IC

Analysis Batch: 92704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-1	MW063A-W-230224	Total/NA	Water	300.0	
880-25167-2	MW099-W-230224	Total/NA	Water	300.0	
880-25167-4	MW030-W-230224	Total/NA	Water	300.0	
880-25167-5	MW058-W-230224	Total/NA	Water	300.0	
880-25167-6	MW059-W-230224	Total/NA	Water	300.0	
880-25167-7	MW023-W-230224	Total/NA	Water	300.0	
880-25167-8	MW031-W-230224	Total/NA	Water	300.0	
880-25167-9	MW060-W-230224	Total/NA	Water	300.0	
880-25167-10	DUP-4-W-230224	Total/NA	Water	300.0	
MB 860-92704/127	Method Blank	Total/NA	Water	300.0	
MB 860-92704/3	Method Blank	Total/NA	Water	300.0	
MB 860-92704/90	Method Blank	Total/NA	Water	300.0	
LCS 860-92704/128	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-92704/91	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-92704/129	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-92704/92	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-92704/7	Lab Control Sample	Total/NA	Water	300.0	
880-25167-1 MS	MW063A-W-230224	Total/NA	Water	300.0	
880-25167-1 MSD	MW063A-W-230224	Total/NA	Water	300.0	

Analysis Batch: 92843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-3	MW070-W-230224	Total/NA	Water	300.0	
MB 860-92843/3	Method Blank	Total/NA	Water	300.0	
LCS 860-92843/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-92843/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-92843/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 91947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-1	MW063A-W-230224	Dissolved	Water	3010A	
880-25167-2	MW099-W-230224	Dissolved	Water	3010A	
880-25167-3	MW070-W-230224	Dissolved	Water	3010A	
880-25167-4	MW030-W-230224	Dissolved	Water	3010A	
880-25167-5	MW058-W-230224	Dissolved	Water	3010A	
880-25167-6	MW059-W-230224	Dissolved	Water	3010A	
880-25167-7	MW023-W-230224	Dissolved	Water	3010A	
880-25167-8	MW031-W-230224	Dissolved	Water	3010A	
880-25167-9	MW060-W-230224	Dissolved	Water	3010A	
880-25167-10	DUP-4-W-230224	Dissolved	Water	3010A	
MB 860-91947/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-91947/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-91947/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-25167-1 MS	MW063A-W-230224	Dissolved	Water	3010A	
880-25167-1 MSD	MW063A-W-230224	Dissolved	Water	3010A	

Analysis Batch: 92087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-1	MW063A-W-230224	Dissolved	Water	6020A	91947

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Metals (Continued)

Analysis Batch: 92087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-2	MW099-W-230224	Dissolved	Water	6020A	91947
880-25167-3	MW070-W-230224	Dissolved	Water	6020A	91947
880-25167-4	MW030-W-230224	Dissolved	Water	6020A	91947
880-25167-5	MW058-W-230224	Dissolved	Water	6020A	91947
880-25167-5	MW058-W-230224	Dissolved	Water	6020A	91947
880-25167-6	MW059-W-230224	Dissolved	Water	6020A	91947
880-25167-7	MW023-W-230224	Dissolved	Water	6020A	91947
880-25167-7	MW023-W-230224	Dissolved	Water	6020A	91947
880-25167-8	MW031-W-230224	Dissolved	Water	6020A	91947
880-25167-9	MW060-W-230224	Dissolved	Water	6020A	91947
880-25167-9	MW060-W-230224	Dissolved	Water	6020A	91947
880-25167-10	DUP-4-W-230224	Dissolved	Water	6020A	91947
MB 860-91947/1-A	Method Blank	Total/NA	Water	6020A	91947
LCS 860-91947/2-A	Lab Control Sample	Total/NA	Water	6020A	91947
LCSD 860-91947/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	91947
880-25167-1 MS	MW063A-W-230224	Dissolved	Water	6020A	91947
880-25167-1 MSD	MW063A-W-230224	Dissolved	Water	6020A	91947

General Chemistry

Analysis Batch: 47721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-1	MW063A-W-230224	Dissolved	Water	7196A	
880-25167-2	MW099-W-230224	Dissolved	Water	7196A	
880-25167-3	MW070-W-230224	Dissolved	Water	7196A	
880-25167-4	MW030-W-230224	Dissolved	Water	7196A	
880-25167-5	MW058-W-230224	Dissolved	Water	7196A	
880-25167-6	MW059-W-230224	Dissolved	Water	7196A	
880-25167-7	MW023-W-230224	Dissolved	Water	7196A	
880-25167-8	MW031-W-230224	Dissolved	Water	7196A	
880-25167-9	MW060-W-230224	Dissolved	Water	7196A	
880-25167-10	DUP-4-W-230224	Dissolved	Water	7196A	
MB 880-47721/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47721/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47721/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25167-1 MS	MW063A-W-230224	Dissolved	Water	7196A	
880-25167-1 MSD	MW063A-W-230224	Dissolved	Water	7196A	

Analysis Batch: 92376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-1	MW063A-W-230224	Total/NA	Water	SM 2540C	
880-25167-2	MW099-W-230224	Total/NA	Water	SM 2540C	
880-25167-3	MW070-W-230224	Total/NA	Water	SM 2540C	
880-25167-4	MW030-W-230224	Total/NA	Water	SM 2540C	
880-25167-5	MW058-W-230224	Total/NA	Water	SM 2540C	
880-25167-6	MW059-W-230224	Total/NA	Water	SM 2540C	
880-25167-7	MW023-W-230224	Total/NA	Water	SM 2540C	
880-25167-8	MW031-W-230224	Total/NA	Water	SM 2540C	
MB 860-92376/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92376/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92376/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

General Chemistry (Continued)

Analysis Batch: 92376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 860-92376/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 92379

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25167-9	MW060-W-230224	Total/NA	Water	SM 2540C	
880-25167-10	DUP-4-W-230224	Total/NA	Water	SM 2540C	
MB 860-92379/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92379/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92379/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92379/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW063A-W-230224 Lab Sample ID: 880-25167-1

Date Collected: 02/24/23 08:02 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/06/23 15:48	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 12:51	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW099-W-230224 Lab Sample ID: 880-25167-2

Date Collected: 02/24/23 08:22 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/06/23 17:18	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:10	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW070-W-230224 Lab Sample ID: 880-25167-3

Date Collected: 02/24/23 08:40 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92843	03/07/23 07:57	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:12	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW030-W-230224 Lab Sample ID: 880-25167-4

Date Collected: 02/24/23 09:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/06/23 18:11	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:15	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW058-W-230224 Lab Sample ID: 880-25167-5

Date Collected: 02/24/23 09:15 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/06/23 18:36	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:17	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		20			92087	02/28/23 16:03	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW059-W-230224 Lab Sample ID: 880-25167-6

Date Collected: 02/24/23 09:35 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/06/23 10:58	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:20	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW023-W-230224 Lab Sample ID: 880-25167-7

Date Collected: 02/24/23 09:57 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/06/23 18:48	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:22	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		20			92087	02/28/23 16:05	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Client Sample ID: MW031-W-230224 Lab Sample ID: 880-25167-8

Date Collected: 02/24/23 10:19 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			92704	03/06/23 18:23	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:24	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	92376	03/02/23 09:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW060-W-230224 Lab Sample ID: 880-25167-9

Date Collected: 02/24/23 10:35 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/06/23 19:00	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:27	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		50			92087	02/28/23 16:08	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92379	03/02/23 19:00	HN	EET HOU

Client Sample ID: DUP-4-W-230224 Lab Sample ID: 880-25167-10

Date Collected: 02/24/23 00:00 **Matrix: Water**
Date Received: 02/24/23 15:05

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			92704	03/06/23 19:13	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	91947	02/27/23 19:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			92087	02/28/23 13:29	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47721	02/24/23 16:00	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92379	03/02/23 19:00	HN	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-48	06-30-23

Method Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25167-1
Project/Site: Eunice Project - N Eunice

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25167-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25167-1	MW063A-W-230224	Water	02/24/23 08:02	02/24/23 15:05
880-25167-2	MW099-W-230224	Water	02/24/23 08:22	02/24/23 15:05
880-25167-3	MW070-W-230224	Water	02/24/23 08:40	02/24/23 15:05
880-25167-4	MW030-W-230224	Water	02/24/23 09:00	02/24/23 15:05
880-25167-5	MW058-W-230224	Water	02/24/23 09:15	02/24/23 15:05
880-25167-6	MW059-W-230224	Water	02/24/23 09:35	02/24/23 15:05
880-25167-7	MW023-W-230224	Water	02/24/23 09:57	02/24/23 15:05
880-25167-8	MW031-W-230224	Water	02/24/23 10:19	02/24/23 15:05
880-25167-9	MW060-W-230224	Water	02/24/23 10:35	02/24/23 15:05
880-25167-10	DUP-4-W-230224	Water	02/24/23 00:00	02/24/23 15:05

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa FL (813-620-2000)

Work Order No: _____

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Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP	Midland, TX. 79701	City, State ZIP	
Phone:	303-471-2477 Email	andrew.demarco@arcadis.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	X
P.O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT			
Temperature (°C)	5.7/5.4	Temp Blank: Yes (No)	Wet Ice: (Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals.	Yes No (N/A)	Correction Factor	-.30
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

ANALYSIS REQUEST

880-25167 Chain of Custody

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW063A-W-230224	W	02/24/23	0802		3			X	X	X	X
MW088-W-230224	W	02/24/23	0822		3			X	X	X	X
MW070-W-230224	W	02/24/23	0840		3			X	X	X	X
MW030-W-230224	W	02/24/23	0900		3			X	X	X	X
MW058-W-230224	W	02/24/23	0915		3			X	X	X	X
MW059-W-230224	W	02/24/23	0935		3			X	X	X	X
MW023-W-230224	W	02/24/23	0957		3			X	X	X	X
MW031-W-230224	W	02/24/23	1019		3			X	X	X	X
MW060-W-230224	W	02/24/23	1035		3			X	X	X	X
DUP-4-W-230224	W	02/24/23	—		3			X	X	X	X

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 Michael Rodriguez		02/24/23/1505	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/13/2024 8:06:07 PM
Released to Imaging: 4/30/2024 9:27:34 AM

3/10/2023

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25167-1

Login Number: 25167 **List Source: Eurofins Midland**
List Number: 1
Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25167-1

Login Number: 25167 **List Source: Eurofins Houston**
List Number: 2 **List Creation: 02/26/23 12:50 PM**
Creator: Pena, Jesiel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Andrew DeMarco
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 3/13/2023 12:54:58 PM

JOB DESCRIPTION

Eunice Project - N Eunice

JOB NUMBER

880-25230-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/30/2024 9:27:54 AM

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/13/2023 12:54:58 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Laboratory Job ID: 880-25230-1

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*+	LCS and/or LCSD is outside acceptance limits, high biased.
*1	LCS/LCSD RPD exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-25230-1

Receipt
The samples were received on 2/27/2023 6:08 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.0°C

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 860-92862 and analytical batch 860-92785 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW012M-W-230227 (880-25230-3). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW053SA-W-230227 (880-25230-18), DUP-6-W-230227 (880-25230-20) and DUP-7-W-230227 (880-25230-21). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The method blank for analytical batch 860-93213 contained Chloride above the method detection limit (MDL) . Associated sample(s) were not re-extracted and/or re-analyzed because results were greater than 10X the value found in the method blank.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW088M-W-230227 (880-25230-4), MW009A-W-230227 (880-25230-5), MW008M-W-230227 (880-25230-7), MW087A-W-230227 (880-25230-8), MW097P-W-230227 (880-25230-9), MW007A-W-230227 (880-25230-10), MW046A-W-230227 (880-25230-13) and IW019-W-230227 (880-25230-17). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW012M-W-230227 (880-25230-3), MW088M-W-230227 (880-25230-4), MW008M-W-230227 (880-25230-7), MW001-W-230227 (880-25230-11), MW002A-W-230227 (880-25230-12), MW046A-W-230227 (880-25230-13), DUP-6-W-230227 (880-25230-20) and DUP-7-W-230227 (880-25230-21). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: Holding time flag due to sample not having a sampling time. DUP-5-W-230227 (880-25230-19) and DUP-6-W-230227 (880-25230-20)

Method 7196A: Holding time flag due to sample not having a sampling time. DUP-7-W-230227 (880-25230-21)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Released to Imaging: 4/30/2024 9:27:34 AM

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW095-W-230227 Lab Sample ID: 880-25230-1

Date Collected: 02/27/23 08:05 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120	B	5.00	2.00	mg/L			03/08/23 06:49	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00864		0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 14:10	1
Chromium	2.89		0.0800	0.0112	mg/L		03/02/23 08:30	03/02/23 16:55	20
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 08:30	03/02/23 14:10	1
Manganese	0.170		0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 14:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4550		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.80		0.100	0.0270	mg/L			02/28/23 07:25	10

Client Sample ID: MW069-W-230227 Lab Sample ID: 880-25230-2

Date Collected: 02/27/23 08:40 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8810	B	50.0	20.0	mg/L			03/08/23 19:25	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00684		0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 14:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/02/23 08:30	03/02/23 14:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 08:30	03/02/23 14:12	1
Manganese	0.198		0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 14:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	15400		100	100	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW012M-W-230227 Lab Sample ID: 880-25230-3

Date Collected: 02/27/23 09:07 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1020	B	5.00	2.00	mg/L			03/08/23 07:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0141		0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 14:14	1
Chromium	0.0118		0.00400	0.000560	mg/L		03/02/23 08:30	03/02/23 14:14	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW012M-W-230227 Lab Sample ID: 880-25230-3

Date Collected: 02/27/23 09:07 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	27.9		2.00	0.566	mg/L		03/02/23 08:30	03/02/23 16:58	20
Manganese	0.348		0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 14:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4510		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW088M-W-230227 Lab Sample ID: 880-25230-4

Date Collected: 02/27/23 09:21 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	914	B	5.00	2.00	mg/L			03/08/23 21:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00756		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:40	1
Chromium	0.0992		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:40	1
Iron	0.407		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:40	1
Manganese	1.31		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:01	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3920		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW009A-W-230227 Lab Sample ID: 880-25230-5

Date Collected: 02/27/23 09:40 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	625	B	5.00	2.00	mg/L			03/08/23 21:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0151		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:21	1
Chromium	0.597		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:21	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:21	1
Manganese	0.000517	J	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2440		20.0	20.0	mg/L			03/03/23 15:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW009A-W-230227 Lab Sample ID: 880-25230-5

Date Collected: 02/27/23 09:40 Matrix: Water
Date Received: 02/27/23 18:08

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.484		0.100	0.0270	mg/L			02/28/23 07:25	10

Client Sample ID: MW011A-W-230227 Lab Sample ID: 880-25230-6

Date Collected: 02/27/23 09:56 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309	B	0.500	0.200	mg/L			03/08/23 19:37	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0156		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:42	1
Chromium	0.0278		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:42	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:42	1
Manganese	0.0843		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1420		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0169		0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW008M-W-230227 Lab Sample ID: 880-25230-7

Date Collected: 02/27/23 10:11 Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350	B	5.00	2.00	mg/L			03/08/23 22:00	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0138		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:44	1
Chromium	0.0284		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:44	1
Iron	71.6		2.00	0.566	mg/L		03/02/23 09:15	03/02/23 16:32	20
Manganese	2.45		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:32	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4820		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW087A-W-230227 Lab Sample ID: 880-25230-8

Date Collected: 02/27/23 10:22 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100	B	5.00	2.00	mg/L			03/08/23 22:48	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00319	J	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:47	1
Chromium	0.0760		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:47	1
Iron	7.44		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:47	1
Manganese	0.339		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3580		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW097P-W-230227 Lab Sample ID: 880-25230-9

Date Collected: 02/27/23 10:43 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	875	B	5.00	2.00	mg/L			03/08/23 23:12	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0107		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:49	1
Chromium	0.450		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:49	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:49	1
Manganese	0.0383		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3590		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.392		0.0100	0.00270	mg/L			02/28/23 07:25	1

Client Sample ID: MW007A-W-230227 Lab Sample ID: 880-25230-10

Date Collected: 02/27/23 10:55 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	765	B	5.00	2.00	mg/L			03/08/23 23:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:51	1
Chromium	0.776		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:51	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW007A-W-230227 Lab Sample ID: 880-25230-10

Date Collected: 02/27/23 10:55 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:51	1
Manganese	**0.000715**	**J**	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3260**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.699**		0.100	0.0270	mg/L			02/28/23 07:25	10

Client Sample ID: MW001-W-230227 Lab Sample ID: 880-25230-11

Date Collected: 02/27/23 12:20 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/28/23 19:19	1
Toluene	**0.000610**	**J**	0.00200	0.000367	mg/L			02/28/23 19:19	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/28/23 19:19	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/28/23 19:19	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/28/23 19:19	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/28/23 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*		*02/28/23 19:19*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*02/28/23 19:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/01/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.885	U	4.48	0.885	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 19:48	1
Diesel Range Organics (Over C10-C28)	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 19:48	1
OII Range Organics (Over C28-C36)	<0.854	U	4.48	0.854	mg/L		03/06/23 16:28	03/06/23 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*96*		*70 - 135*	*03/06/23 16:28*	*03/06/23 19:48*	*1*
o-Terphenyl	*121*		*70 - 135*	*03/06/23 16:28*	*03/06/23 19:48*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**251**	**B**	0.500	0.200	mg/L			03/08/23 23:48	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW001-W-230227 Lab Sample ID: 880-25230-11

Date Collected: 02/27/23 12:20 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00189	J	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:54	1
Chromium	0.00151	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:54	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:54	1
Manganese	1.22		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:39	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3080		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: MW002A-W-230227 Lab Sample ID: 880-25230-12

Date Collected: 02/27/23 12:41 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430	B	5.00	2.00	mg/L			03/09/23 00:23	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0179		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:56	1
Chromium	0.916		0.0800	0.0112	mg/L		03/02/23 09:15	03/02/23 16:41	20
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:56	1
Manganese	0.0175		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4060		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.834		0.100	0.0270	mg/L			02/28/23 08:40	10

Client Sample ID: MW046A-W-230227 Lab Sample ID: 880-25230-13

Date Collected: 02/27/23 13:03 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/28/23 19:39	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/28/23 19:39	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/28/23 19:39	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/28/23 19:39	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/28/23 19:39	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/28/23 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*		*02/28/23 19:39*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*02/28/23 19:39*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW046A-W-230227 Lab Sample ID: 880-25230-13

Date Collected: 02/27/23 13:03 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/01/23 14:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.874	U	4.42	0.874	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.874	U	4.42	0.874	mg/L		03/06/23 16:28	03/06/23 20:07	1
Diesel Range Organics (Over C10-C28)	<0.874	U	4.42	0.874	mg/L		03/06/23 16:28	03/06/23 20:07	1
OII Range Organics (Over C28-C36)	<0.844	U	4.42	0.844	mg/L		03/06/23 16:28	03/06/23 20:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:07*	*1*
o-Terphenyl	*124*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:07*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**705**	**B**	5.00	2.00	mg/L			03/09/23 01:11	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0102**		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:58	1
Chromium	**2.16**		0.0800	0.0112	mg/L		03/02/23 09:15	03/02/23 16:43	20
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:58	1
Manganese	**0.000725**	**J**	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3350**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**1.94**		0.0500	0.0135	mg/L			02/28/23 08:40	5

Client Sample ID: MW045-W-230227 Lab Sample ID: 880-25230-14

Date Collected: 02/27/23 13:19 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *- *1	0.00200	0.000408	mg/L			03/03/23 12:57	1
Toluene	<0.000367	U *- *1	0.00200	0.000367	mg/L			03/03/23 12:57	1
Ethylbenzene	<0.000657	U *- *1	0.00200	0.000657	mg/L			03/03/23 12:57	1
m-Xylene & p-Xylene	**0.000637**	**J *- *+ *1**	0.00400	0.000629	mg/L			03/03/23 12:57	1
o-Xylene	<0.000642	U *- *+ *1	0.00200	0.000642	mg/L			03/03/23 12:57	1
Xylenes, Total	<0.000642	U *- *+ *1	0.00400	0.000642	mg/L			03/03/23 12:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*		*03/03/23 12:57*	*1*

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW045-W-230227 Lab Sample ID: 880-25230-14

Date Collected: 02/27/23 13:19 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*		*03/03/23 12:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.962	U	4.87	0.962	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.962	U	4.87	0.962	mg/L		03/06/23 16:28	03/06/23 20:27	1
Diesel Range Organics (Over C10-C28)	<0.962	U	4.87	0.962	mg/L		03/06/23 16:28	03/06/23 20:27	1
Oil Range Organics (Over C28-C36)	<0.929	U	4.87	0.929	mg/L		03/06/23 16:28	03/06/23 20:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	*96*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:27*	*1*
o-Terphenyl	*122*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:27*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.1**	**B**	0.500	0.200	mg/L			03/08/23 20:37	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00230**	**J**	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:10	1
Chromium	**0.0161**		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:10	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:10	1
Manganese	**0.0933**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1310**		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: MW037A-W-230227 Lab Sample ID: 880-25230-15

Date Collected: 02/27/23 13:37 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00346**	***- *1**	0.00200	0.000408	mg/L			03/03/23 13:17	1
Toluene	<0.000367	U *- *1	0.00200	0.000367	mg/L			03/03/23 13:17	1
Ethylbenzene	**0.0244**	***- *1**	0.00200	0.000657	mg/L			03/03/23 13:17	1
m-Xylene & p-Xylene	**0.000773**	**J *- *+ *1**	0.00400	0.000629	mg/L			03/03/23 13:17	1
o-Xylene	**0.00107**	**J *- *+ *1**	0.00200	0.000642	mg/L			03/03/23 13:17	1

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Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW037A-W-230227 Lab Sample ID: 880-25230-15

Date Collected: 02/27/23 13:37 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	**0.00184**	**J *- *+ *1**	0.00400	0.000642	mg/L			03/03/23 13:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*		*03/03/23 13:17*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*		*03/03/23 13:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0297**		0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**0.945**	**J**	4.76	0.941	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.941	U	4.76	0.941	mg/L		03/06/23 16:28	03/06/23 20:46	1
Diesel Range Organics (Over C10-C28)	**0.945**	**J**	4.76	0.941	mg/L		03/06/23 16:28	03/06/23 20:46	1
OII Range Organics (Over C28-C36)	<0.908	U	4.76	0.908	mg/L		03/06/23 16:28	03/06/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:46*	*1*
o-Terphenyl	*122*		*70 - 135*	*03/06/23 16:28*	*03/06/23 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**303**	**B**	0.500	0.200	mg/L			03/08/23 20:49	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0611**		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:13	1
Chromium	**0.000790**	**J**	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:13	1
Iron	**5.38**		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:13	1
Manganese	**0.169**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1230**		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: MW043-W-230227 Lab Sample ID: 880-25230-16

Date Collected: 02/27/23 14:05 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *- *1	0.00200	0.000408	mg/L			03/03/23 13:38	1
Toluene	<0.000367	U *- *1	0.00200	0.000367	mg/L			03/03/23 13:38	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW043-W-230227 **Lab Sample ID: 880-25230-16**
Date Collected: 02/27/23 14:05 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.000688	J *- *1	0.00200	0.000657	mg/L			03/03/23 13:38	1
m-Xylene & p-Xylene	0.00106	J *- *+ *1	0.00400	0.000629	mg/L			03/03/23 13:38	1
o-Xylene	0.00135	J *- *+ *1	0.00200	0.000642	mg/L			03/03/23 13:38	1
Xylenes, Total	0.00241	J *- *+ *1	0.00400	0.000642	mg/L			03/03/23 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*		*03/03/23 13:38*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*		*03/03/23 13:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00310	J	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.885	U	4.48	0.885	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 21:06	1
Diesel Range Organics (Over C10-C28)	<0.885	U	4.48	0.885	mg/L		03/06/23 16:28	03/06/23 21:06	1
Oil Range Organics (Over C28-C36)	<0.854	U	4.48	0.854	mg/L		03/06/23 16:28	03/06/23 21:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*93*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:06*	*1*
o-Terphenyl	*116*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:06*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	454	B	0.500	0.200	mg/L			03/09/23 01:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00533		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:15	1
Chromium	0.000665	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:15	1
Iron	0.136		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:15	1
Manganese	0.353		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1610		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Client Sample ID: IW019-W-230227

Date Collected: 02/27/23 14:31
Date Received: 02/27/23 18:08

Lab Sample ID: 880-25230-17
Matrix: Water

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *- *1	0.00200	0.000408	mg/L			03/03/23 13:58	1
Toluene	<0.000367	U *- *1	0.00200	0.000367	mg/L			03/03/23 13:58	1
Ethylbenzene	<0.000657	U *- *1	0.00200	0.000657	mg/L			03/03/23 13:58	1
m-Xylene & p-Xylene	<0.000629	U *- *+ *1	0.00400	0.000629	mg/L			03/03/23 13:58	1
o-Xylene	<0.000642	U *- *+ *1	0.00200	0.000642	mg/L			03/03/23 13:58	1
Xylenes, Total	<0.000642	U *- *+ *1	0.00400	0.000642	mg/L			03/03/23 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*03/03/23 13:58*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*		*03/03/23 13:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.000657	U	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.938	U	4.75	0.938	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.938	U	4.75	0.938	mg/L		03/09/23 16:01	03/10/23 13:50	1
Diesel Range Organics (Over C10-C28)	<0.938	U	4.75	0.938	mg/L		03/09/23 16:01	03/10/23 13:50	1
OII Range Organics (Over C28-C36)	<0.905	U	4.75	0.905	mg/L		03/09/23 16:01	03/10/23 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*101*		*70 - 135*	*03/09/23 16:01*	*03/10/23 13:50*	*1*
o-Terphenyl	*110*		*70 - 135*	*03/09/23 16:01*	*03/10/23 13:50*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**880**	**B**	5.00	2.00	mg/L			03/09/23 01:59	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00909**		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:17	1
Chromium	**0.489**		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:17	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:17	1
Manganese	**0.0435**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3380**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.469**		0.100	0.0270	mg/L			02/28/23 08:40	10

Client Sample Results

Client: ARCADIS U.S., Inc.
Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW053SA-W-230227
Lab Sample ID: 880-25230-18
Date Collected: 02/27/23 15:02
Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	667		5.00	2.00	mg/L			03/09/23 00:11	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0122		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:20	1
Chromium	0.00438		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:20	1
Manganese	0.000549	J	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1940		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: DUP-5-W-230227
Lab Sample ID: 880-25230-19
Date Collected: 02/27/23 00:00
Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		0.500	0.200	mg/L			03/08/23 21:30	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0119		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:22	1
Chromium	0.0423		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:22	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:22	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1560		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0349	H	0.0100	0.00270	mg/L			02/28/23 08:40	1

Client Sample ID: DUP-6-W-230227
Lab Sample ID: 880-25230-20
Date Collected: 02/27/23 00:00
Matrix: Water
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1550		5.00	2.00	mg/L			03/09/23 00:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0170		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:24	1
Chromium	0.909		0.0800	0.0112	mg/L		03/02/23 09:15	03/02/23 16:46	20

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-6-W-230227 Lab Sample ID: 880-25230-20

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:24	1
Manganese	**0.0172**		0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4040**		40.0	40.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.812**	**H**	0.0500	0.0135	mg/L			02/28/23 08:40	5

Client Sample ID: DUP-7-W-230227 Lab Sample ID: 880-25230-21

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U *1 *-	0.00200	0.000408	mg/L			03/03/23 14:19	1
Toluene	<0.000367	U *1 *-	0.00200	0.000367	mg/L			03/03/23 14:19	1
Ethylbenzene	<0.000657	U *1 *-	0.00200	0.000657	mg/L			03/03/23 14:19	1
m-Xylene & p-Xylene	**0.00116**	**J *+ *1 *-**	0.00400	0.000629	mg/L			03/03/23 14:19	1
o-Xylene	**0.00154**	**J *+ *1 *-**	0.00200	0.000642	mg/L			03/03/23 14:19	1
Xylenes, Total	**0.00270**	**J *+ *1 *-**	0.00400	0.000642	mg/L			03/03/23 14:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*		*03/03/23 14:19*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*		*03/03/23 14:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00270**	**J**	0.00400	0.000657	mg/L			03/06/23 14:35	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.898	U	4.55	0.898	mg/L			03/07/23 16:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.898	U	4.55	0.898	mg/L		03/06/23 16:28	03/06/23 21:25	1
Diesel Range Organics (Over C10-C28)	<0.898	U	4.55	0.898	mg/L		03/06/23 16:28	03/06/23 21:25	1
OII Range Organics (Over C28-C36)	<0.867	U	4.55	0.867	mg/L		03/06/23 16:28	03/06/23 21:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*94*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:25*	*1*
o-Terphenyl	*117*		*70 - 135*	*03/06/23 16:28*	*03/06/23 21:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**522**		5.00	2.00	mg/L			03/09/23 01:25	10

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-7-W-230227 Lab Sample ID: 880-25230-21

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00576		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:27	1
Chromium	0.000564	J	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:27	1
Iron	0.191		0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:27	1
Manganese	0.421		0.0400	0.00448	mg/L		03/02/23 09:15	03/02/23 16:48	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1800		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U H	0.0100	0.00270	mg/L			02/28/23 09:35	1

Client Sample ID: MW047-W-230227 Lab Sample ID: 880-25230-22

Date Collected: 02/27/23 11:12 **Matrix: Water**
Date Received: 02/27/23 18:08

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	157		0.500	0.200	mg/L			03/09/23 01:38	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0118		0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 16:29	1
Chromium	0.0414		0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 16:29	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 16:29	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1740		20.0	20.0	mg/L			03/03/23 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0329		0.0100	0.00270	mg/L			02/28/23 09:35	1

Surrogate Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-24332-A-5 MB	Method Blank	107	106
880-25230-11	MW001-W-230227	110	108
880-25230-13	MW046A-W-230227	115	108
880-25230-14	MW045-W-230227	109	70
880-25230-15	MW037A-W-230227	129	90
880-25230-16	MW043-W-230227	118	83
880-25230-17	IW019-W-230227	100	71
880-25230-21	DUP-7-W-230227	125	82
LCS 880-47390/3	Lab Control Sample	102	113
LCS 880-47689/3	Lab Control Sample	117	102
LCSD 880-47390/4	Lab Control Sample Dup	99	111
LCSD 880-47689/4	Lab Control Sample Dup	122	101
MB 880-47390/8	Method Blank	103	104
MB 880-47689/8	Method Blank	77	83

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-135)	(70-135)
880-25230-11	MW001-W-230227	96	121
880-25230-13	MW046A-W-230227	97	124
880-25230-14	MW045-W-230227	96	122
880-25230-15	MW037A-W-230227	97	122
880-25230-16	MW043-W-230227	93	116
880-25230-17	IW019-W-230227	101	110
880-25230-21	DUP-7-W-230227	94	117
LCS 860-92862/2-A	Lab Control Sample	109	128
LCS 860-93479/2-A	Lab Control Sample	108	100
LCSD 860-92862/3-A	Lab Control Sample Dup	93	130
LCSD 860-93479/3-A	Lab Control Sample Dup	119	134
MB 860-92862/1-A	Method Blank	130	167 S1+
MB 860-93479/1-A	Method Blank	93	97

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-24332-A-5 MB
Matrix: Water
Analysis Batch: 47390

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/28/23 16:56	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/28/23 16:56	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/28/23 16:56	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/28/23 16:56	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/28/23 16:56	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/28/23 16:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*		*02/28/23 16:56*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*		*02/28/23 16:56*	*1*

Lab Sample ID: MB 880-47390/8
Matrix: Water
Analysis Batch: 47390

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			02/28/23 11:34	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/28/23 11:34	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/28/23 11:34	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/28/23 11:34	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/28/23 11:34	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/28/23 11:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/28/23 11:34*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*		*02/28/23 11:34*	*1*

Lab Sample ID: LCS 880-47390/3
Matrix: Water
Analysis Batch: 47390

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1056		mg/L		106	70 - 130
Toluene	0.100	0.09931		mg/L		99	70 - 130
Ethylbenzene	0.100	0.1025		mg/L		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2191		mg/L		110	70 - 130
o-Xylene	0.100	0.1054		mg/L		105	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-47390/4
Matrix: Water
Analysis Batch: 47390

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1021		mg/L		102	70 - 130	3	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-47390/4
Matrix: Water
Analysis Batch: 47390

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09736		mg/L		97	70 - 130	2	20
Ethylbenzene			0.100	0.09922		mg/L		99	70 - 130	3	20
m-Xylene & p-Xylene			0.200	0.2099		mg/L		105	70 - 130	4	20
o-Xylene			0.100	0.1006		mg/L		101	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 880-47689/8
Matrix: Water
Analysis Batch: 47689

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L			03/03/23 11:04	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			03/03/23 11:04	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			03/03/23 11:04	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			03/03/23 11:04	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			03/03/23 11:04	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			03/03/23 11:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*77*		*70 - 130*		*03/03/23 11:04*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*		*03/03/23 11:04*	*1*

Lab Sample ID: LCS 880-47689/3
Matrix: Water
Analysis Batch: 47689

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.06223	*-	mg/L		62	70 - 130
Toluene			0.100	0.05890	*-	mg/L		59	70 - 130
Ethylbenzene			0.100	0.06072	*-	mg/L		61	70 - 130
m-Xylene & p-Xylene			0.200	0.1284	*-	mg/L		64	70 - 130
o-Xylene			0.100	0.06487	*-	mg/L		65	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-47689/4
Matrix: Water
Analysis Batch: 47689

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1106	*1	mg/L		110	70 - 130	56	20
Toluene			0.101	0.1116	*1	mg/L		111	70 - 130	62	20
Ethylbenzene			0.100	0.1248	*1	mg/L		124	70 - 130	69	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-47689/4
Matrix: Water
Analysis Batch: 47689

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene			0.201	0.2659	*+ *1	mg/L		132	70 - 130	70	20
o-Xylene			0.101	0.1360	*+ *1	mg/L		135	70 - 130	71	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-92862/1-A
Matrix: Water
Analysis Batch: 92785

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92862

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.988	U	5.00	0.988	mg/L		03/06/23 16:28	03/06/23 19:28	1
Diesel Range Organics (Over C10-C28)	<0.988	U	5.00	0.988	mg/L		03/06/23 16:28	03/06/23 19:28	1
OII Range Organics (Over C28-C36)	<0.954	U	5.00	0.954	mg/L		03/06/23 16:28	03/06/23 19:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*130*		*70 - 135*	*03/06/23 16:28*	*03/06/23 19:28*	*1*
o-Terphenyl	*167*	*S1+*	*70 - 135*	*03/06/23 16:28*	*03/06/23 19:28*	*1*

Lab Sample ID: LCS 860-92862/2-A
Matrix: Water
Analysis Batch: 92785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92862

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			99.8	121.3		mg/L		122	70 - 135
Diesel Range Organics (Over C10-C28)			100	118.4		mg/L		118	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*109*		*70 - 135*
o-Terphenyl	*128*		*70 - 135*

Lab Sample ID: LCSD 860-92862/3-A
Matrix: Water
Analysis Batch: 92785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92862

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			99.8	122.7		mg/L		123	70 - 135	1	35
Diesel Range Organics (Over C10-C28)			100	122.4		mg/L		122	70 - 135	3	35

QC Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 860-92862/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 92785 **Prep Batch: 92862**

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	93		70 - 135
o-Terphenyl	130		70 - 135

Lab Sample ID: MB 860-93479/1-A **Client Sample ID: Method Blank**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 93570 **Prep Batch: 93479**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.988	U	5.00	0.988	mg/L		03/09/23 16:01	03/10/23 14:49	1
Diesel Range Organics (Over C10-C28)	<0.988	U	5.00	0.988	mg/L		03/09/23 16:01	03/10/23 14:49	1
OII Range Organics (Over C28-C36)	<0.954	U	5.00	0.954	mg/L		03/09/23 16:01	03/10/23 14:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 135	03/09/23 16:01	03/10/23 14:49	1
o-Terphenyl	97		70 - 135	03/09/23 16:01	03/10/23 14:49	1

Lab Sample ID: LCS 860-93479/2-A **Client Sample ID: Lab Control Sample**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 93570 **Prep Batch: 93479**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			99.8	111.8		mg/L		112	70 - 135		
Diesel Range Organics (Over C10-C28)			100	95.13		mg/L		95	70 - 135		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	108		70 - 135
o-Terphenyl	100		70 - 135

Lab Sample ID: LCSD 860-93479/3-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Water **Prep Type: Total/NA**
Analysis Batch: 93570 **Prep Batch: 93479**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			99.8	124.0		mg/L		124	70 - 135	10	35
Diesel Range Organics (Over C10-C28)			100	118.3		mg/L		118	70 - 135	22	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	119		70 - 135
o-Terphenyl	134		70 - 135

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-93045/3
Matrix: Water
Analysis Batch: 93045

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.2015	J	0.500	0.200	mg/L			03/07/23 15:59	1

Lab Sample ID: MB 860-93045/41
Matrix: Water
Analysis Batch: 93045

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.2049	J	0.500	0.200	mg/L			03/08/23 01:03	1

Lab Sample ID: LCS 860-93045/42
Matrix: Water
Analysis Batch: 93045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.879		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-93045/43
Matrix: Water
Analysis Batch: 93045

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.883		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-93045/7
Matrix: Water
Analysis Batch: 93045

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5573		mg/L		111	50 - 150

Lab Sample ID: MB 860-93211/3
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.200	U	0.500	0.200	mg/L			03/08/23 14:30	1

Lab Sample ID: LCS 860-93211/4
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.04		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-93211/5
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.15		mg/L		102	90 - 110	1	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LLCS 860-93211/7
Matrix: Water
Analysis Batch: 93211

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5514		mg/L		110	50 - 150

Lab Sample ID: MB 860-93213/3
Matrix: Water
Analysis Batch: 93213

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.2017	J	0.500	0.200	mg/L			03/08/23 14:30	1

Lab Sample ID: LCS 860-93213/4
Matrix: Water
Analysis Batch: 93213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.751		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-93213/5
Matrix: Water
Analysis Batch: 93213

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.762		mg/L		98	90 - 110	0	20

Lab Sample ID: LLCS 860-93213/7
Matrix: Water
Analysis Batch: 93213

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5600		mg/L		112	50 - 150

Lab Sample ID: 880-25230-6 MS
Matrix: Water
Analysis Batch: 93213

Client Sample ID: MW011A-W-230227
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	309	B	10.0	311.2	4	mg/L		26	90 - 110

Lab Sample ID: 880-25230-6 MSD
Matrix: Water
Analysis Batch: 93213

Client Sample ID: MW011A-W-230227
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	309	B	10.0	307.8	4	mg/L		-8	90 - 110	1	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-92347/1-A
Matrix: Water
Analysis Batch: 92458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		03/02/23 08:30	03/02/23 13:39	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/02/23 08:30	03/02/23 13:39	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 08:30	03/02/23 13:39	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		03/02/23 08:30	03/02/23 13:39	1

Lab Sample ID: LCS 860-92347/2-A
Matrix: Water
Analysis Batch: 92458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.1003		mg/L		100	80 - 120
Chromium	0.100	0.09938		mg/L		99	80 - 120
Iron	0.500	0.5031		mg/L		101	80 - 120
Manganese	0.100	0.09921		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-92347/3-A
Matrix: Water
Analysis Batch: 92458

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92347

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09999		mg/L		100	80 - 120	0	20
Chromium	0.100	0.09932		mg/L		99	80 - 120	0	20
Iron	0.500	0.5046		mg/L		101	80 - 120	0	20
Manganese	0.100	0.09842		mg/L		98	80 - 120	1	20

Lab Sample ID: MB 860-92361/1-A
Matrix: Water
Analysis Batch: 92458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 92361

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		03/02/23 09:15	03/02/23 15:14	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/02/23 09:15	03/02/23 15:14	1
Iron	<0.0283	U	0.100	0.0283	mg/L		03/02/23 09:15	03/02/23 15:14	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		03/02/23 09:15	03/02/23 15:14	1

Lab Sample ID: LCS 860-92361/2-A
Matrix: Water
Analysis Batch: 92458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 92361

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09781		mg/L		98	80 - 120
Chromium	0.100	0.09996		mg/L		100	80 - 120
Iron	0.500	0.5029		mg/L		101	80 - 120
Manganese	0.100	0.09882		mg/L		99	80 - 120

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSD 860-92361/3-A
Matrix: Water
Analysis Batch: 92458

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 92361

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09859		mg/L		99	80 - 120	1	20
Chromium			0.100	0.1008		mg/L		101	80 - 120	1	20
Iron			0.500	0.4969		mg/L		99	80 - 120	1	20
Manganese			0.100	0.1004		mg/L		100	80 - 120	2	20

Lab Sample ID: 880-25230-5 MS
Matrix: Water
Analysis Batch: 92458

Client Sample ID: MW009A-W-230227
Prep Type: Dissolved
Prep Batch: 92361

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.0151		0.100	0.1138		mg/L		99	75 - 125
Chromium	0.597		0.100	0.6767	4	mg/L		80	75 - 125
Iron	<0.0283	U	0.500	0.5092		mg/L		102	75 - 125
Manganese	0.000517	J	0.100	0.09626		mg/L		96	75 - 125

Lab Sample ID: 880-25230-5 MSD
Matrix: Water
Analysis Batch: 92458

Client Sample ID: MW009A-W-230227
Prep Type: Dissolved
Prep Batch: 92361

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.0151		0.100	0.1129		mg/L		98	75 - 125	1	20
Chromium	0.597		0.100	0.6780	4	mg/L		81	75 - 125	0	20
Iron	<0.0283	U	0.500	0.5167		mg/L		103	75 - 125	1	20
Manganese	0.000517	J	0.100	0.09545		mg/L		95	75 - 125	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-47761/3
Matrix: Water
Analysis Batch: 47761

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 07:25	1

Lab Sample ID: LCS 880-47761/4
Matrix: Water
Analysis Batch: 47761

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)			0.0400	0.04393		mg/L		110	85 - 115

Lab Sample ID: LCSD 880-47761/5
Matrix: Water
Analysis Batch: 47761

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04393		mg/L		110	85 - 115	0	20

QC Sample Results

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 880-47762/3
Matrix: Water
Analysis Batch: 47762

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 08:40	1

Lab Sample ID: LCS 880-47762/4
Matrix: Water
Analysis Batch: 47762

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.03993		mg/L		100	85 - 115

Lab Sample ID: LCSD 880-47762/5
Matrix: Water
Analysis Batch: 47762

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.03993		mg/L		100	85 - 115	0	20

Lab Sample ID: MB 880-47763/3
Matrix: Water
Analysis Batch: 47763

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			02/28/23 09:35	1

Lab Sample ID: LCS 880-47763/4
Matrix: Water
Analysis Batch: 47763

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.04143		mg/L		104	85 - 115

Lab Sample ID: LCSD 880-47763/5
Matrix: Water
Analysis Batch: 47763

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.04143		mg/L		104	85 - 115	0	20

Lab Sample ID: 880-25230-2 MS
Matrix: Water
Analysis Batch: 47761

Client Sample ID: MW069-W-230227
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U	0.200	0.2049		mg/L		102	85 - 115

Lab Sample ID: 880-25230-2 MSD
Matrix: Water
Analysis Batch: 47761

Client Sample ID: MW069-W-230227
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2049		mg/L		102	85 - 115	0	20

QC Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: 880-25230-11 MS — **Client Sample ID: MW001-W-230227**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 47762

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U	0.200	0.2139		mg/L		107	85 - 115

Lab Sample ID: 880-25230-11 MSD — **Client Sample ID: MW001-W-230227**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 47762

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2139		mg/L		107	85 - 115	0	20

Lab Sample ID: 880-25230-21 MS — **Client Sample ID: DUP-7-W-230227**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 47763

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	<0.00270	U H	0.200	0.2074		mg/L		104	85 - 115

Lab Sample ID: 880-25230-21 MSD — **Client Sample ID: DUP-7-W-230227**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 47763

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U H	0.200	0.2074		mg/L		104	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-92662/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92662

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/03/23 15:00	1

Lab Sample ID: LCS 860-92662/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92662

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	917.0		mg/L		92	80 - 120

Lab Sample ID: LCSD 860-92662/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92662

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	936.0		mg/L		94	80 - 120	2	10

QC Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LLCS 860-92662/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92662

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		80	50 - 150		

Lab Sample ID: 880-25230-1 DU — **Client Sample ID: MW095-W-230227**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92662

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	4550			4788		mg/L				5	10

Lab Sample ID: 880-25230-2 DU — **Client Sample ID: MW069-W-230227**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92662

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	15400			15400		mg/L				0.3	10

Lab Sample ID: MB 860-92663/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92663

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			03/03/23 15:00	1

Lab Sample ID: LCS 860-92663/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92663

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	883.0		mg/L		88	80 - 120		

Lab Sample ID: LCSD 860-92663/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92663

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	914.0		mg/L		91	80 - 120	3	10

Lab Sample ID: LLCS 860-92663/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 92663

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		93	50 - 150		

QC Association Summary

Client: ARCADIS U.S., Inc.
Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

GC VOA

Analysis Batch: 47390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-11	MW001-W-230227	Total/NA	Water	8021B	
880-25230-13	MW046A-W-230227	Total/NA	Water	8021B	
880-24332-A-5 MB	Method Blank	Total/NA	Water	8021B	
MB 880-47390/8	Method Blank	Total/NA	Water	8021B	
LCS 880-47390/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-47390/4	Lab Control Sample Dup	Total/NA	Water	8021B	

Analysis Batch: 47553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-11	MW001-W-230227	Total/NA	Water	Total BTEX	
880-25230-13	MW046A-W-230227	Total/NA	Water	Total BTEX	
880-25230-14	MW045-W-230227	Total/NA	Water	Total BTEX	
880-25230-15	MW037A-W-230227	Total/NA	Water	Total BTEX	
880-25230-16	MW043-W-230227	Total/NA	Water	Total BTEX	
880-25230-17	IW019-W-230227	Total/NA	Water	Total BTEX	
880-25230-21	DUP-7-W-230227	Total/NA	Water	Total BTEX	

Analysis Batch: 47689

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-14	MW045-W-230227	Total/NA	Water	8021B	
880-25230-15	MW037A-W-230227	Total/NA	Water	8021B	
880-25230-16	MW043-W-230227	Total/NA	Water	8021B	
880-25230-17	IW019-W-230227	Total/NA	Water	8021B	
880-25230-21	DUP-7-W-230227	Total/NA	Water	8021B	
MB 880-47689/8	Method Blank	Total/NA	Water	8021B	
LCS 880-47689/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-47689/4	Lab Control Sample Dup	Total/NA	Water	8021B	

GC Semi VOA

Analysis Batch: 80443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-11	MW001-W-230227	Total/NA	Water	8015 NM	
880-25230-13	MW046A-W-230227	Total/NA	Water	8015 NM	
880-25230-14	MW045-W-230227	Total/NA	Water	8015 NM	
880-25230-15	MW037A-W-230227	Total/NA	Water	8015 NM	
880-25230-16	MW043-W-230227	Total/NA	Water	8015 NM	
880-25230-17	IW019-W-230227	Total/NA	Water	8015 NM	
880-25230-21	DUP-7-W-230227	Total/NA	Water	8015 NM	

Analysis Batch: 92785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-11	MW001-W-230227	Total/NA	Water	8015B NM	92862
880-25230-13	MW046A-W-230227	Total/NA	Water	8015B NM	92862
880-25230-14	MW045-W-230227	Total/NA	Water	8015B NM	92862
880-25230-15	MW037A-W-230227	Total/NA	Water	8015B NM	92862
880-25230-16	MW043-W-230227	Total/NA	Water	8015B NM	92862
880-25230-21	DUP-7-W-230227	Total/NA	Water	8015B NM	92862
MB 860-92862/1-A	Method Blank	Total/NA	Water	8015B NM	92862
LCS 860-92862/2-A	Lab Control Sample	Total/NA	Water	8015B NM	92862
LCSD 860-92862/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	92862

QC Association Summary

Client: ARCADIS U.S., Inc.
Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

GC Semi VOA

Prep Batch: 92862

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-11	MW001-W-230227	Total/NA	Water	8015NM Aq Prep	
880-25230-13	MW046A-W-230227	Total/NA	Water	8015NM Aq Prep	
880-25230-14	MW045-W-230227	Total/NA	Water	8015NM Aq Prep	
880-25230-15	MW037A-W-230227	Total/NA	Water	8015NM Aq Prep	
880-25230-16	MW043-W-230227	Total/NA	Water	8015NM Aq Prep	
880-25230-21	DUP-7-W-230227	Total/NA	Water	8015NM Aq Prep	
MB 860-92862/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-92862/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-92862/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Prep Batch: 93479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-17	IW019-W-230227	Total/NA	Water	8015NM Aq Prep	
MB 860-93479/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-93479/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-93479/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 93566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-17	IW019-W-230227	Total/NA	Water	8015B NM	93479

Analysis Batch: 93570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-93479/1-A	Method Blank	Total/NA	Water	8015B NM	93479
LCS 860-93479/2-A	Lab Control Sample	Total/NA	Water	8015B NM	93479
LCSD 860-93479/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	93479

HPLC/IC

Analysis Batch: 93045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-1 - DL	MW095-W-230227	Total/NA	Water	300.0	
880-25230-3 - DL	MW012M-W-230227	Total/NA	Water	300.0	
MB 860-93045/3	Method Blank	Total/NA	Water	300.0	
MB 860-93045/41	Method Blank	Total/NA	Water	300.0	
LCS 860-93045/42	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-93045/43	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-93045/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 93211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-18 - DL	MW053SA-W-230227	Total/NA	Water	300.0	
880-25230-19	DUP-5-W-230227	Total/NA	Water	300.0	
880-25230-20 - DL	DUP-6-W-230227	Total/NA	Water	300.0	
880-25230-21 - DL	DUP-7-W-230227	Total/NA	Water	300.0	
880-25230-22	MW047-W-230227	Total/NA	Water	300.0	
MB 860-93211/3	Method Blank	Total/NA	Water	300.0	
LCS 860-93211/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-93211/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-93211/7	Lab Control Sample	Total/NA	Water	300.0	

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

HPLC/IC

Analysis Batch: 93213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-2	MW069-W-230227	Total/NA	Water	300.0	
880-25230-4 - DL	MW088M-W-230227	Total/NA	Water	300.0	
880-25230-5 - DL	MW009A-W-230227	Total/NA	Water	300.0	
880-25230-6	MW011A-W-230227	Total/NA	Water	300.0	
880-25230-7 - DL	MW008M-W-230227	Total/NA	Water	300.0	
880-25230-8 - DL	MW087A-W-230227	Total/NA	Water	300.0	
880-25230-9 - DL	MW097P-W-230227	Total/NA	Water	300.0	
880-25230-10 - DL	MW007A-W-230227	Total/NA	Water	300.0	
880-25230-11	MW001-W-230227	Total/NA	Water	300.0	
880-25230-12	MW002A-W-230227	Total/NA	Water	300.0	
880-25230-13 - DL	MW046A-W-230227	Total/NA	Water	300.0	
880-25230-14	MW045-W-230227	Total/NA	Water	300.0	
880-25230-15	MW037A-W-230227	Total/NA	Water	300.0	
880-25230-16	MW043-W-230227	Total/NA	Water	300.0	
880-25230-17 - DL	IW019-W-230227	Total/NA	Water	300.0	
MB 860-93213/3	Method Blank	Total/NA	Water	300.0	
LCS 860-93213/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-93213/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-93213/7	Lab Control Sample	Total/NA	Water	300.0	
880-25230-6 MS	MW011A-W-230227	Total/NA	Water	300.0	
880-25230-6 MSD	MW011A-W-230227	Total/NA	Water	300.0	

Metals

Prep Batch: 92347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-1	MW095-W-230227	Dissolved	Water	3010A	
880-25230-2	MW069-W-230227	Dissolved	Water	3010A	
880-25230-3	MW012M-W-230227	Dissolved	Water	3010A	
MB 860-92347/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-92347/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-92347/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 92361

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-4	MW088M-W-230227	Dissolved	Water	3010A	
880-25230-5	MW009A-W-230227	Dissolved	Water	3010A	
880-25230-6	MW011A-W-230227	Dissolved	Water	3010A	
880-25230-7	MW008M-W-230227	Dissolved	Water	3010A	
880-25230-8	MW087A-W-230227	Dissolved	Water	3010A	
880-25230-9	MW097P-W-230227	Dissolved	Water	3010A	
880-25230-10	MW007A-W-230227	Dissolved	Water	3010A	
880-25230-11	MW001-W-230227	Dissolved	Water	3010A	
880-25230-12	MW002A-W-230227	Dissolved	Water	3010A	
880-25230-13	MW046A-W-230227	Dissolved	Water	3010A	
880-25230-14	MW045-W-230227	Dissolved	Water	3010A	
880-25230-15	MW037A-W-230227	Dissolved	Water	3010A	
880-25230-16	MW043-W-230227	Dissolved	Water	3010A	
880-25230-17	IW019-W-230227	Dissolved	Water	3010A	
880-25230-18	MW053SA-W-230227	Dissolved	Water	3010A	
880-25230-19	DUP-5-W-230227	Dissolved	Water	3010A	

QC Association Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Metals (Continued)

Prep Batch: 92361 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-20	DUP-6-W-230227	Dissolved	Water	3010A	
880-25230-21	DUP-7-W-230227	Dissolved	Water	3010A	
880-25230-22	MW047-W-230227	Dissolved	Water	3010A	
MB 860-92361/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-92361/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-92361/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-25230-5 MS	MW009A-W-230227	Dissolved	Water	3010A	
880-25230-5 MSD	MW009A-W-230227	Dissolved	Water	3010A	

Analysis Batch: 92458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-1	MW095-W-230227	Dissolved	Water	6020A	92347
880-25230-1	MW095-W-230227	Dissolved	Water	6020A	92347
880-25230-2	MW069-W-230227	Dissolved	Water	6020A	92347
880-25230-3	MW012M-W-230227	Dissolved	Water	6020A	92347
880-25230-3	MW012M-W-230227	Dissolved	Water	6020A	92347
880-25230-4	MW088M-W-230227	Dissolved	Water	6020A	92361
880-25230-4	MW088M-W-230227	Dissolved	Water	6020A	92361
880-25230-5	MW009A-W-230227	Dissolved	Water	6020A	92361
880-25230-6	MW011A-W-230227	Dissolved	Water	6020A	92361
880-25230-7	MW008M-W-230227	Dissolved	Water	6020A	92361
880-25230-7	MW008M-W-230227	Dissolved	Water	6020A	92361
880-25230-8	MW087A-W-230227	Dissolved	Water	6020A	92361
880-25230-9	MW097P-W-230227	Dissolved	Water	6020A	92361
880-25230-10	MW007A-W-230227	Dissolved	Water	6020A	92361
880-25230-11	MW001-W-230227	Dissolved	Water	6020A	92361
880-25230-11	MW001-W-230227	Dissolved	Water	6020A	92361
880-25230-12	MW002A-W-230227	Dissolved	Water	6020A	92361
880-25230-12	MW002A-W-230227	Dissolved	Water	6020A	92361
880-25230-13	MW046A-W-230227	Dissolved	Water	6020A	92361
880-25230-13	MW046A-W-230227	Dissolved	Water	6020A	92361
880-25230-14	MW045-W-230227	Dissolved	Water	6020A	92361
880-25230-15	MW037A-W-230227	Dissolved	Water	6020A	92361
880-25230-16	MW043-W-230227	Dissolved	Water	6020A	92361
880-25230-17	IW019-W-230227	Dissolved	Water	6020A	92361
880-25230-18	MW053SA-W-230227	Dissolved	Water	6020A	92361
880-25230-19	DUP-5-W-230227	Dissolved	Water	6020A	92361
880-25230-20	DUP-6-W-230227	Dissolved	Water	6020A	92361
880-25230-20	DUP-6-W-230227	Dissolved	Water	6020A	92361
880-25230-21	DUP-7-W-230227	Dissolved	Water	6020A	92361
880-25230-21	DUP-7-W-230227	Dissolved	Water	6020A	92361
880-25230-22	MW047-W-230227	Dissolved	Water	6020A	92361
MB 860-92347/1-A	Method Blank	Total/NA	Water	6020A	92347
MB 860-92361/1-A	Method Blank	Total/NA	Water	6020A	92361
LCS 860-92347/2-A	Lab Control Sample	Total/NA	Water	6020A	92347
LCS 860-92361/2-A	Lab Control Sample	Total/NA	Water	6020A	92361
LCSD 860-92347/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	92347
LCSD 860-92361/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	92361
880-25230-5 MS	MW009A-W-230227	Dissolved	Water	6020A	92361
880-25230-5 MSD	MW009A-W-230227	Dissolved	Water	6020A	92361

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

General Chemistry

Analysis Batch: 47761

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-1	MW095-W-230227	Dissolved	Water	7196A	
880-25230-2	MW069-W-230227	Dissolved	Water	7196A	
880-25230-3	MW012M-W-230227	Dissolved	Water	7196A	
880-25230-4	MW088M-W-230227	Dissolved	Water	7196A	
880-25230-5	MW009A-W-230227	Dissolved	Water	7196A	
880-25230-6	MW011A-W-230227	Dissolved	Water	7196A	
880-25230-7	MW008M-W-230227	Dissolved	Water	7196A	
880-25230-8	MW087A-W-230227	Dissolved	Water	7196A	
880-25230-9	MW097P-W-230227	Dissolved	Water	7196A	
880-25230-10	MW007A-W-230227	Dissolved	Water	7196A	
MB 880-47761/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47761/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47761/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25230-2 MS	MW069-W-230227	Dissolved	Water	7196A	
880-25230-2 MSD	MW069-W-230227	Dissolved	Water	7196A	

Analysis Batch: 47762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-11	MW001-W-230227	Dissolved	Water	7196A	
880-25230-12	MW002A-W-230227	Dissolved	Water	7196A	
880-25230-13	MW046A-W-230227	Dissolved	Water	7196A	
880-25230-14	MW045-W-230227	Dissolved	Water	7196A	
880-25230-15	MW037A-W-230227	Dissolved	Water	7196A	
880-25230-16	MW043-W-230227	Dissolved	Water	7196A	
880-25230-17	IW019-W-230227	Dissolved	Water	7196A	
880-25230-18	MW053SA-W-230227	Dissolved	Water	7196A	
880-25230-19	DUP-5-W-230227	Dissolved	Water	7196A	
880-25230-20	DUP-6-W-230227	Dissolved	Water	7196A	
MB 880-47762/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47762/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47762/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25230-11 MS	MW001-W-230227	Dissolved	Water	7196A	
880-25230-11 MSD	MW001-W-230227	Dissolved	Water	7196A	

Analysis Batch: 47763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-21	DUP-7-W-230227	Dissolved	Water	7196A	
880-25230-22	MW047-W-230227	Dissolved	Water	7196A	
MB 880-47763/3	Method Blank	Total/NA	Water	7196A	
LCS 880-47763/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-47763/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-25230-21 MS	DUP-7-W-230227	Dissolved	Water	7196A	
880-25230-21 MSD	DUP-7-W-230227	Dissolved	Water	7196A	

Analysis Batch: 92662

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-1	MW095-W-230227	Total/NA	Water	SM 2540C	
880-25230-2	MW069-W-230227	Total/NA	Water	SM 2540C	
880-25230-3	MW012M-W-230227	Total/NA	Water	SM 2540C	
880-25230-4	MW088M-W-230227	Total/NA	Water	SM 2540C	
880-25230-5	MW009A-W-230227	Total/NA	Water	SM 2540C	

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

General Chemistry (Continued)

Analysis Batch: 92662 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-6	MW011A-W-230227	Total/NA	Water	SM 2540C	
880-25230-7	MW008M-W-230227	Total/NA	Water	SM 2540C	
880-25230-8	MW087A-W-230227	Total/NA	Water	SM 2540C	
880-25230-9	MW097P-W-230227	Total/NA	Water	SM 2540C	
880-25230-10	MW007A-W-230227	Total/NA	Water	SM 2540C	
880-25230-11	MW001-W-230227	Total/NA	Water	SM 2540C	
880-25230-12	MW002A-W-230227	Total/NA	Water	SM 2540C	
880-25230-13	MW046A-W-230227	Total/NA	Water	SM 2540C	
880-25230-14	MW045-W-230227	Total/NA	Water	SM 2540C	
880-25230-15	MW037A-W-230227	Total/NA	Water	SM 2540C	
880-25230-16	MW043-W-230227	Total/NA	Water	SM 2540C	
880-25230-17	IW019-W-230227	Total/NA	Water	SM 2540C	
880-25230-18	MW053SA-W-230227	Total/NA	Water	SM 2540C	
880-25230-19	DUP-5-W-230227	Total/NA	Water	SM 2540C	
880-25230-20	DUP-6-W-230227	Total/NA	Water	SM 2540C	
MB 860-92662/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92662/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92662/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92662/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-25230-1 DU	MW095-W-230227	Total/NA	Water	SM 2540C	
880-25230-2 DU	MW069-W-230227	Total/NA	Water	SM 2540C	

Analysis Batch: 92663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-25230-21	DUP-7-W-230227	Total/NA	Water	SM 2540C	
880-25230-22	MW047-W-230227	Total/NA	Water	SM 2540C	
MB 860-92663/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-92663/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-92663/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-92663/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS U.S., Inc.
Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW095-W-230227
Lab Sample ID: 880-25230-1
Date Collected: 02/27/23 08:05
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93045	03/08/23 06:49	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92347	03/02/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 14:10	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92347	03/02/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:55	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW069-W-230227
Lab Sample ID: 880-25230-2
Date Collected: 02/27/23 08:40
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		100			93213	03/08/23 19:25	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92347	03/02/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 14:12	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW012M-W-230227
Lab Sample ID: 880-25230-3
Date Collected: 02/27/23 09:07
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93045	03/08/23 07:12	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92347	03/02/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 14:14	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92347	03/02/23 08:30	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:58	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW088M-W-230227
Lab Sample ID: 880-25230-4
Date Collected: 02/27/23 09:21
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93213	03/08/23 21:12	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:40	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:01	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc.
Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW009A-W-230227
Lab Sample ID: 880-25230-5
Date Collected: 02/27/23 09:40
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93213	03/08/23 21:36	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:21	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW011A-W-230227
Lab Sample ID: 880-25230-6
Date Collected: 02/27/23 09:56
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			93213	03/08/23 19:37	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:42	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW008M-W-230227
Lab Sample ID: 880-25230-7
Date Collected: 02/27/23 10:11
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93213	03/08/23 22:00	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:44	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:32	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW087A-W-230227
Lab Sample ID: 880-25230-8
Date Collected: 02/27/23 10:22
Matrix: Water
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93213	03/08/23 22:48	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:47	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW097P-W-230227 Lab Sample ID: 880-25230-9

Date Collected: 02/27/23 10:43 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93213	03/08/23 23:12	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:49	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW007A-W-230227 Lab Sample ID: 880-25230-10

Date Collected: 02/27/23 10:55 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93213	03/08/23 23:36	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:51	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47761	02/28/23 07:25	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW001-W-230227 Lab Sample ID: 880-25230-11

Date Collected: 02/27/23 12:20 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47390	02/28/23 19:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/01/23 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			33.5 mL	3 mL	92862	03/06/23 16:28	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			92785	03/06/23 19:48	T1S	EET HOU
Total/NA	Analysis	300.0		1			93213	03/08/23 23:48	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:54	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:39	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW002A-W-230227 Lab Sample ID: 880-25230-12

Date Collected: 02/27/23 12:41 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			93213	03/09/23 00:23	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:56	DP	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW002A-W-230227 Lab Sample ID: 880-25230-12

Date Collected: 02/27/23 12:41 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:41	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW046A-W-230227 Lab Sample ID: 880-25230-13

Date Collected: 02/27/23 13:03 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47390	02/28/23 19:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/01/23 14:59	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			33.9 mL	3 mL	92862	03/06/23 16:28	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			92785	03/06/23 20:07	T1S	EET HOU
Total/NA	Analysis	300.0	DL	10			93213	03/09/23 01:11	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 15:58	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:43	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW045-W-230227 Lab Sample ID: 880-25230-14

Date Collected: 02/27/23 13:19 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47689	03/03/23 12:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/06/23 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			30.8 mL	3 mL	92862	03/06/23 16:28	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			92785	03/06/23 20:27	T1S	EET HOU
Total/NA	Analysis	300.0		1			93213	03/08/23 20:37	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:10	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW037A-W-230227 Lab Sample ID: 880-25230-15

Date Collected: 02/27/23 13:37 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47689	03/03/23 13:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/06/23 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			31.5 mL	3 mL	92862	03/06/23 16:28	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			92785	03/06/23 20:46	T1S	EET HOU
Total/NA	Analysis	300.0		1			93213	03/08/23 20:49	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:13	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW043-W-230227 Lab Sample ID: 880-25230-16

Date Collected: 02/27/23 14:05 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47689	03/03/23 13:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/06/23 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			33.5 mL	3 mL	92862	03/06/23 16:28	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			92785	03/06/23 21:06	T1S	EET HOU
Total/NA	Analysis	300.0		1			93213	03/09/23 01:23	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:15	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: IW019-W-230227 Lab Sample ID: 880-25230-17

Date Collected: 02/27/23 14:31 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47689	03/03/23 13:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/06/23 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			31.6 mL	3 mL	93479	03/09/23 16:01	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			93566	03/10/23 13:50	SAR	EET HOU
Total/NA	Analysis	300.0	DL	10			93213	03/09/23 01:59	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:17	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW053SA-W-230227 Lab Sample ID: 880-25230-18

Date Collected: 02/27/23 15:02 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93211	03/09/23 00:11	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:20	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: DUP-5-W-230227 Lab Sample ID: 880-25230-19

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			93211	03/08/23 21:30	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:22	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: DUP-6-W-230227 Lab Sample ID: 880-25230-20

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	10			93211	03/09/23 00:36	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:24	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:46	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	47762	02/28/23 08:40	CH	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	92662	03/03/23 15:00	HN	EET HOU

Client Sample ID: DUP-7-W-230227 Lab Sample ID: 880-25230-21

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8021B		1	5 mL	5 mL	47689	03/03/23 14:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			47553	03/06/23 14:35	SM	EET MID
Total/NA	Analysis	8015 NM		1			80443	03/07/23 16:06	DD	EET HOU
Total/NA	Prep	8015NM Aq Prep			33 mL	3 mL	92862	03/06/23 16:28	SAR	EET HOU
Total/NA	Analysis	8015B NM		1			92785	03/06/23 21:25	T1S	EET HOU
Total/NA	Analysis	300.0	DL	10			93211	03/09/23 01:25	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:27	DP	EET HOU

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: DUP-7-W-230227 Lab Sample ID: 880-25230-21

Date Collected: 02/27/23 00:00 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		20			92458	03/02/23 16:48	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47763	02/28/23 09:35	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92663	03/03/23 15:00	HN	EET HOU

Client Sample ID: MW047-W-230227 Lab Sample ID: 880-25230-22

Date Collected: 02/27/23 11:12 **Matrix: Water**
Date Received: 02/27/23 18:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			93211	03/09/23 01:38	RBNS	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	92361	03/02/23 09:15	MD	EET HOU
Dissolved	Analysis	6020A		1			92458	03/02/23 16:29	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	47763	02/28/23 09:35	CH	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	92663	03/03/23 15:00	HN	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-25	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
Total BTEX		Water	Total BTEX

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-48	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Water	Total TPH
8015B NM	8015NM Aq Prep	Water	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Aq Prep	Water	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Aq Prep	Water	OII Range Organics (Over C28-C36)

Method Summary

Client: ARCADIS U.S., Inc. Job ID: 880-25230-1
Project/Site: Eunice Project - N Eunice

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
5030B	Purge and Trap	SW846	EET MID
8015NM Aq Prep	Microextraction	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-25230-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-25230-1	MW095-W-230227	Water	02/27/23 08:05	02/27/23 18:08
880-25230-2	MW069-W-230227	Water	02/27/23 08:40	02/27/23 18:08
880-25230-3	MW012M-W-230227	Water	02/27/23 09:07	02/27/23 18:08
880-25230-4	MW088M-W-230227	Water	02/27/23 09:21	02/27/23 18:08
880-25230-5	MW009A-W-230227	Water	02/27/23 09:40	02/27/23 18:08
880-25230-6	MW011A-W-230227	Water	02/27/23 09:56	02/27/23 18:08
880-25230-7	MW008M-W-230227	Water	02/27/23 10:11	02/27/23 18:08
880-25230-8	MW087A-W-230227	Water	02/27/23 10:22	02/27/23 18:08
880-25230-9	MW097P-W-230227	Water	02/27/23 10:43	02/27/23 18:08
880-25230-10	MW007A-W-230227	Water	02/27/23 10:55	02/27/23 18:08
880-25230-11	MW001-W-230227	Water	02/27/23 12:20	02/27/23 18:08
880-25230-12	MW002A-W-230227	Water	02/27/23 12:41	02/27/23 18:08
880-25230-13	MW046A-W-230227	Water	02/27/23 13:03	02/27/23 18:08
880-25230-14	MW045-W-230227	Water	02/27/23 13:19	02/27/23 18:08
880-25230-15	MW037A-W-230227	Water	02/27/23 13:37	02/27/23 18:08
880-25230-16	MW043-W-230227	Water	02/27/23 14:05	02/27/23 18:08
880-25230-17	IW019-W-230227	Water	02/27/23 14:31	02/27/23 18:08
880-25230-18	MW053SA-W-230227	Water	02/27/23 15:02	02/27/23 18:08
880-25230-19	DUP-5-W-230227	Water	02/27/23 00:00	02/27/23 18:08
880-25230-20	DUP-6-W-230227	Water	02/27/23 00:00	02/27/23 18:08
880-25230-21	DUP-7-W-230227	Water	02/27/23 00:00	02/27/23 18:08
880-25230-22	MW047-W-230227	Water	02/27/23 11:12	02/27/23 18:08

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3/13/2023

Chain of Custody

Work Order No: _____

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio TX (210) 509-3334
Midland,TX (432-704-5440) EL Paso TX (915)585-3443 Lubbock,TX (806)794-1296
Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta GA (770-449-8800) Tampa,FL (813-620-2000)

www.xenco.com Page 1 of 3

Project Manager	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP	Midland, TX 79701	City, State ZIP	
Phone:	303-471-2477 Email:	andrew.demarco@arcadis.com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☒ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number	30109021	Routine	X
P O. Number		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No	
Temperature (°C)	3.3/3.0	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-0.3	
Sample Custody Seals:	Yes No (N/A)	Total Containers.		

880-25230 Chain of Custody

TAT starts the day recevied by the lab, if received by 4.30pm

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)	Sample Comments
MW095-W-230227	W	02/27/23	0805		3			X	X	X	X	All Samples Collected in MST
MW069-W-230227	W	02/27/23	0840		3			X	X	X	X	
MW012M-W-230227	W	02/27/23	0907		3			X	X	X	X	
MW089RM-W-230227	W	02/27/23	0921		3			X	X	X	X	
MW004A-W-230227	W	02/27/23	0948		3			X	X	X	X	
MW011A-W-230227	W	02/27/23	0956		3			X	X	X	X	
MW008M-W-230227	W	02/27/23	1011		3			X	X	X	X	
MW087A-W-230227	W	02/27/23	1022		3			X	X	X	X	
MW087RP-W-230227	W	02/27/23	1043		3			X	X	X	X	
MW007A-W-230227	W	02/27/23	1055		3			X	X	X	X	

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		2.27.23 1809	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

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Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

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Chain of Custody

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Hobbs NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: _____

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Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N. Big Spring St.	Address:	
City, State ZIP:	Midland, TX 79701	City, State ZIP	
Phone:	303-471-2477 Email:	andrew demarco@arcadis com	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project: New Mexico
Reporting Level II [X] Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD [X] ADaPT ☐ Other:

Project Name:	Eunice Project-N. Eunice	Turn Around
Project Number:	30109021	Routine X
P.O. Number:		Rush
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	Yes No	
Temperature (°C)		Thermometer ID		
Received Intact.	Yes No			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals.	Yes No N/A	Total Containers.		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS). Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300 0)
MW001-W-230227	W	02/27/23	1220		8	X	X	X	X	X	X
MW002A-W-230227	W	02/27/23	1241		3			X	X	X	X
MW004A-W-230227	W	02/27/23	1803		8	X	X	X	X	X	X
MW045-W-230227	W	02/27/23	1319		8	X	X	X	X	X	X
MW037-W-230227	W	02/27/23	1337		8	X	X	X	X	X	X
MW053-W-230227	W	02/27/23	1805		8	X	X	X	X	X	X
IW019-W-230227	W	02/27/23	1451		8	X	X	X	X	X	X
MW053SA-W-230227	W	02/27/23	1503		3			X	X	X	X
DOP-5-W-230222	W	02/22/23	—		3			X	X	X	X
DOP-6-W-230227	W	02/27/23	—		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4.30pm

Sample Comments

All Samples Collected in MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed These terms will be enforced unless previously negotiated.

Relinquished by: (Signature)	Received by. (Signature)	Date/Time	Relinquished by: (Signature)	Received by. (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

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Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

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Chain of Custody

XENCO LABORATORIES

Houston TX (281) 240-4200 Dallas TX (214) 902-0300 San Antonio,TX (210) 509-3334
Midland TX (432-704-5440) EL Paso,TX (915)585-3443 Lubbock TX (806)794-1296
Hobbs,NM (575-392-7550) Phoenix,AZ (480-355-0900) Atlanta,GA (770-449-8800) Tampa,FL (813-620-2000)

Work Order No: _____

www.xenco.com Page 3 of 3

Project Manager:	Rebecca Andresen	Bill to: (if different)	
Company Name:	ARCADIS	Company Name:	
Address:	1004 N Big Spring St.	Address:	
City, State ZIP	Midland, TX 79701	City, State ZIP:	
Phone:	303-471-2477	Email:	andrew demarco@arcadis com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC Superfund ☐
State of Project: New Mexico
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD ☒ ADaPT ☐ Other:

Project Name:	Eunice Project-N. Eunice	Turn Around	
Project Number:	30109021	Routine	☒
P O Number:		Rush	
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date	

SAMPLE RECEIPT				
Temperature (°C)		Temp Blank: Yes No	Wet Ice: Yes No	Thermometer ID
Received Intact.	Yes No			
Cooler Custody Seals.	Yes No N/A		Correction Factor:	
Sample Custody Seals.	Yes No N/A		Total Containers:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers	BTEX (EPA 8021B)	TPH (SW8015B)	Hex Chrome (SW7196A)	Dissolved Metals (SW6020_DIS): Aresenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
DUP-7-W-230227	W	02/27/23			8	X	X	X	X	X	X
MW047-W-230227	W	02/27/23	1112		3			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

TAT starts the day recevied by the lab if received by 4:30pm

Sample Comments

All Samples Collected In MST

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** Hg

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by: (Signature)	Date/Time	Relinquished by. (Signature)	Received by: (Signature)	Date/Time
1			2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

3/13/2023

Released to Imaging: 4/30/2024 8:22:52 AM
Received by OCD: 3/13/2024 8:06:07 PM

urofins Midland
211 W Florida Ave
idland, TX 79701
hone: 432-704-5440

Chain of Custody Record

eurofins
Environment Testing

lient Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6393.1
ient Contact: hipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 1 of 3
ompany: urofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25230-1
ddress: 145 Greenbriar Dr	Due Date Requested: 3/6/2023			
ity: afford	TAT Requested (days):			
tate, Zip: X, 77477	PO #:			
hone: 81-240-4200(Tel)	WO #:			
mail:	Project #: 88000209			
Project Name: Eunice Project N Eunice	SSOW#:			
Site:				

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Analysis Requested

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wewater, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	8015MOD_Calc	8015MOD_NM/8015NM_Aq_Prep Full TPH	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
MW095-W-230227 (880-25230-1)	2/27/23	08:05 Mountain		Water			X	X	X			2	
MW069-W-230227 (880-25230-2)	2/27/23	08:40 Mountain		Water			X	X	X			2	
MW012M-W-230227 (880-25230-3)	2/27/23	09:07 Mountain		Water			X	X	X			2	
MW088M-W-230227 (880-25230-4)	2/27/23	09:21 Mountain		Water			X	X	X			2	
MW009A-W-230227 (880-25230-5)	2/27/23	09:40 Mountain		Water			X	X	X			2	
MW011A-W-230227 (880-25230-6)	2/27/23	09:58 Mountain		Water			X	X	X			2	
MW008M-W-230227 (880-25230-7)	2/27/23	10:11 Mountain		Water			X	X	X			2	
MW087A-W-230227 (880-25230-8)	2/27/23	10:22 Mountain		Water			X	X	X			2	
MW097P-W-230227 (880-25230-9)	2/27/23	10:43 Mountain		Water			X	X	X			2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification Unconfirmed	**Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)** ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by: fedex	Date/Time:	Company
Relinquished by: fedex	Date/Time:	Company	Received by: SureQC	Date/Time: 03.01.23	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp: IR ID:HOU-344 C/F:-0.2 1.7 Corrected Temp: 1.5

3/13/2023

Ver: 06/08/2021

Released to Imaging: 4/30/2024 8:42:37 AM
Received by OCD: 3/13/2024 8:06:07 PM

Eurofins Midland
211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6393.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: New Mexico	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-25230-1
Address: 2145 Greenbriar Dr	Due Date Requested: 3/6/2023	Analysis Requested		Preservation Codes:
City: Stafford	TAT Requested (days):			A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
State, Zip: TX, 77477	PO #:			Other:
Phone: 281-240-4200(Tel)	WO #:			
Email:	Project #: 88000209			
Project Name: Eunice Project N Eunice	SSOW#:			
Site:				

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	8015MOD_Calc	8015MOD_NM/8015NM_Aq_Prep Full TPH	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
DUP-5-W-230227 (880-25230-19)	2/27/23	Mountain		Water			X	X	X			2	
DUP-6-W-230227 (880-25230-20)	2/27/23	Mountain		Water			X	X	X			2	
DUP-7-W-230227 (880-25230-21)	2/27/23	Mountain		Water			X	X	X	X	X	4	
MW047-W-230227 (880-25230-22)	2/27/23	11 12 Mountain		Water			X	X	X			2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: Fedex
Relinquished by: fedex	Date/Time:	Company	Received by: Sureds C
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 03 01.23 Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.		Cooler Temperature(s) °C and Other Remarks: Temp: IR ID:HOU-344 C/F:-0.2 1.7 Corrected Temp:1.5

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25230-1

Login Number: 25230 **List Source: Eurofins Midland**
List Number: 1
Creator: Kramer, Jessica

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-25230-1

Login Number: 25230 **List Source: Eurofins Houston**
List Number: 2 **List Creation: 03/01/23 04:16 PM**
Creator: Pena, Jesiel

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sonja Zabienski
ARCADIS US Inc
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 2/22/2024 10:08:26 AM Revision 1

JOB DESCRIPTION

Eunice Project
Lea County, NM

JOB NUMBER

880-33996-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/30/2024 9:27:54 AM

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/22/2024 10:08:26 AM
Revision 1

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS US Inc
Project/Site: Eunice Project

Laboratory Job ID: 880-33996-1
SDG: Lea County, NM

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Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS US Inc
Project: Eunice Project

Job ID: 880-33996-1

Job ID: 880-33996-1 Eurofins Midland

Job Narrative
880-33996-1

REVISION

The report being provided is a revision of the original report sent on 10/16/2023. The report (revision 1) is being revised due to Revised report to add BTEX per COC.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

- Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2023 4:49 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: MW-046A-W-20231003 (880-33996-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-093SA-W-20231003 (880-33996-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-125209 and analytical batch 860-125621 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-043-W-20231003

Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:13	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:13	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:13	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:13	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:13	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/17/23 14:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/17/23 14:13*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/17/23 14:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/17/23 14:13*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<1.01	U	5.12	1.01	mg/L			10/10/23 20:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.01	U	5.12	1.01	mg/L		10/10/23 08:01	10/10/23 20:25	1
Diesel Range Organics (Over C10-C28)	<1.01	U	5.12	1.01	mg/L		10/10/23 08:01	10/10/23 20:25	1
Oil Range Organics (Over C28-C36)	<0.976	U	5.12	0.976	mg/L		10/10/23 08:01	10/10/23 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:25*	*1*
o-Terphenyl	*134*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**417**		0.500	0.250	mg/L			10/11/23 00:20	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00632**		0.00400	0.000690	mg/L		10/06/23 11:00	10/10/23 13:27	1
Chromium	**0.00101**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/10/23 13:27	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/10/23 13:27	1
Manganese	**0.464**		0.0100	0.00380	mg/L		10/06/23 11:00	10/09/23 13:10	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1640**		20.0	20.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-Dup-01-W-20231003

Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:34	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:34	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:34	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:34	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:34	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*10/17/23 14:34*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/17/23 14:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/17/23 14:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*10/17/23 14:34*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.929	U	4.70	0.929	mg/L			10/10/23 20:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.929	U	4.70	0.929	mg/L		10/10/23 08:01	10/10/23 20:46	1
Diesel Range Organics (Over C10-C28)	<0.929	U	4.70	0.929	mg/L		10/10/23 08:01	10/10/23 20:46	1
Oil Range Organics (Over C28-C36)	<0.897	U	4.70	0.897	mg/L		10/10/23 08:01	10/10/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:46*	*1*
o-Terphenyl	*130*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**433**		0.500	0.250	mg/L			10/11/23 00:41	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00525**		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:51	1
Chromium	**0.000792**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:51	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:51	1
Manganese	**0.403**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1700**		20.0	20.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-046A-W-20231003

Date Collected: 10/03/23 12:20
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:54	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:54	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:54	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:54	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:54	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/17/23 14:54*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*10/17/23 14:54*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/17/23 14:54*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/17/23 14:54*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<1.07	U	5.40	1.07	mg/L			10/11/23 13:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.07	U	5.40	1.07	mg/L		10/10/23 08:01	10/11/23 13:29	1
Diesel Range Organics (Over C10-C28)	<1.07	U	5.40	1.07	mg/L		10/10/23 08:01	10/11/23 13:29	1
Oil Range Organics (Over C28-C36)	<1.03	U	5.40	1.03	mg/L		10/10/23 08:01	10/11/23 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 135*	*10/10/23 08:01*	*10/11/23 13:29*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 135*	*10/10/23 08:01*	*10/11/23 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.1**		0.500	0.250	mg/L			10/10/23 22:43	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00244**	**J**	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:53	1
Chromium	**0.0122**		0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:53	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:53	1
Manganese	**0.0806**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1260**		10.0	10.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-093SA-W-20231003

Lab Sample ID: 880-33996-4
Matrix: Water
Date Collected: 10/03/23 12:50
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**695**		5.00	2.50	mg/L			10/11/23 01:13	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00814**		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:56	1
Chromium	**0.265**		0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:56	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:56	1
Manganese	**0.00866**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3590**		40.0	40.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.293**		0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample ID: MW-018-W-20231003

Lab Sample ID: 880-33996-5
Matrix: Water
Date Collected: 10/03/23 13:05
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**192**		0.500	0.250	mg/L			10/10/23 23:15	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0101**		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:58	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:58	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:58	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1210**		10.0	10.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample ID: MW-015A-A-W-20231003

Lab Sample ID: 880-33996-6
Matrix: Water
Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**193**		0.500	0.250	mg/L			10/10/23 23:26	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00205**	**J**	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 14:00	1
Chromium	**0.00115**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 14:00	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-015A-A-W-20231003

Lab Sample ID: 880-33996-6
Matrix: Water
Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 14:00	1
Manganese	**0.0509**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 14:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3060**		40.0	40.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Surrogate Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
880-33996-1	MW-043-W-20231003	104	101	102	103
880-33996-2	MW-Dup-01-W-20231003	103	105	96	105
880-33996-3	MW-046A-W-20231003	104	102	100	103
LCS 860-126693/3	Lab Control Sample	98	100	105	104
LCSD 860-126693/4	Lab Control Sample Dup	109	96	97	103
MB 860-126693/9	Method Blank	105	104	101	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-135)	(70-135)
880-33996-1	MW-043-W-20231003	119	134
880-33996-2	MW-Dup-01-W-20231003	112	130
880-33996-3	MW-046A-W-20231003	122	138 S1+
LCS 860-125365/2-A	Lab Control Sample	107	121
LCSD 860-125365/3-A	Lab Control Sample Dup	108	118
MB 860-125365/1-A	Method Blank	105	129

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-126693/9
Matrix: Water
Analysis Batch: 126693

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 12:31	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 12:31	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 12:31	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 12:31	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 12:31	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*10/17/23 12:31*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/17/23 12:31*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/17/23 12:31*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/17/23 12:31*	*1*

Lab Sample ID: LCS 860-126693/3
Matrix: Water
Analysis Batch: 126693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05669		mg/L		113	75 - 125
Toluene	0.0500	0.05194		mg/L		104	70 - 130
Ethylbenzene	0.0500	0.05363		mg/L		107	75 - 125
m,p-Xylenes	0.0500	0.05430		mg/L		109	75 - 125
o-Xylene	0.0500	0.04999		mg/L		100	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*105*		*75 - 131*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: LCSD 860-126693/4
Matrix: Water
Analysis Batch: 126693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05408		mg/L		108	75 - 125	5	25
Toluene	0.0500	0.04944		mg/L		99	70 - 130	5	25
Ethylbenzene	0.0500	0.05136		mg/L		103	75 - 125	4	25
m,p-Xylenes	0.0500	0.05152		mg/L		103	75 - 125	5	25
o-Xylene	0.0500	0.04823		mg/L		96	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-125365/1-A
Matrix: Water
Analysis Batch: 125598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.02	U	5.17	1.02	mg/L		10/09/23 08:13	10/10/23 16:16	1
Diesel Range Organics (Over C10-C28)	<1.02	U	5.17	1.02	mg/L		10/09/23 08:13	10/10/23 16:16	1
Oil Range Organics (Over C28-C36)	<0.986	U	5.17	0.986	mg/L		10/09/23 08:13	10/10/23 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 135*	*10/09/23 08:13*	*10/10/23 16:16*	*1*
o-Terphenyl	*129*		*70 - 135*	*10/09/23 08:13*	*10/10/23 16:16*	*1*

Lab Sample ID: LCS 860-125365/2-A
Matrix: Water
Analysis Batch: 125598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	104	88.94		mg/L		86	70 - 135
Diesel Range Organics (Over C10-C28)	103	101.1		mg/L		98	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 135*
o-Terphenyl	*121*		*70 - 135*

Lab Sample ID: LCSD 860-125365/3-A
Matrix: Water
Analysis Batch: 125598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	104	93.39		mg/L		90	70 - 135	5	35
Diesel Range Organics (Over C10-C28)	103	104.1		mg/L		101	70 - 135	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 135*
o-Terphenyl	*118*		*70 - 135*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-125728/3
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/10/23 21:49	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-125728/4
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.959		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-125728/5
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.972		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-125728/7
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5250		mg/L		105	50 - 150

Lab Sample ID: 880-33996-3 MS
Matrix: Water
Analysis Batch: 125728

Client Sample ID: MW-046A-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	63.1		10.0	72.15	4	mg/L		90	90 - 110

Lab Sample ID: 880-33996-3 MSD
Matrix: Water
Analysis Batch: 125728

Client Sample ID: MW-046A-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	63.1		10.0	72.21	4	mg/L		91	90 - 110	0	15

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-125209/1-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:03	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:03	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:03	1

Lab Sample ID: LCS 860-125209/2-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09816		mg/L		98	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120
Chromium	0.100	0.09932		mg/L		99	80 - 120

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-125209/2-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	0.500	0.4892		mg/L		98	80 - 120
Manganese	0.100	0.1003		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-125209/3-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09942		mg/L		99	80 - 120	1	20
Barium	0.100	0.09891		mg/L		99	80 - 120	2	20
Chromium	0.100	0.09916		mg/L		99	80 - 120	0	20
Iron	0.500	0.4938		mg/L		99	80 - 120	1	20
Manganese	0.100	0.09925		mg/L		99	80 - 120	1	20

Lab Sample ID: 880-33996-1 MS
Matrix: Water
Analysis Batch: 125621

Client Sample ID: MW-043-W-20231003
Prep Type: Dissolved
Prep Batch: 125209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00670	J	0.100	0.1098		mg/L		103	75 - 125
Barium	0.258		0.100	0.3435		mg/L		85	75 - 125
Chromium	<0.00280	U	0.100	0.1031		mg/L		103	75 - 125
Iron	<0.141	U	0.500	0.5316		mg/L		106	75 - 125
Manganese	0.464		0.100	0.5428	4	mg/L		79	75 - 125

Lab Sample ID: 880-33996-1 MSD
Matrix: Water
Analysis Batch: 125621

Client Sample ID: MW-043-W-20231003
Prep Type: Dissolved
Prep Batch: 125209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.00670	J	0.100	0.1115		mg/L		105	75 - 125	2	20
Barium	0.258		0.100	0.3568		mg/L		99	75 - 125	4	20
Chromium	<0.00280	U	0.100	0.1083		mg/L		108	75 - 125	5	20
Iron	<0.141	U	0.500	0.5634		mg/L		113	75 - 125	6	20
Manganese	0.464		0.100	0.5590	4	mg/L		95	75 - 125	3	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-63924/3
Matrix: Water
Analysis Batch: 63924

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 880-63924/4
Matrix: Water
Analysis Batch: 63924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.04088		mg/L		102	85 - 115		

Lab Sample ID: LCSD 880-63924/5
Matrix: Water
Analysis Batch: 63924

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04088		mg/L		102	85 - 115	0	20

Lab Sample ID: 880-33996-2 MS
Matrix: Water
Analysis Batch: 63924

Client Sample ID: MW-Dup-01-W-20231003
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	<0.00270	U	0.200	0.2041		mg/L		102	85 - 115		

Lab Sample ID: 880-33996-2 MSD
Matrix: Water
Analysis Batch: 63924

Client Sample ID: MW-Dup-01-W-20231003
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2041		mg/L		102	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-125188/1
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			10/06/23 09:46	1

Lab Sample ID: LCS 860-125188/2
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	976.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-125188/3
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	975.0		mg/L		98	80 - 120	0	10

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LLCS 860-125188/26
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	7.000		mg/L		140	50 - 150		

Lab Sample ID: 880-33996-1 DU
Matrix: Water
Analysis Batch: 125188

Client Sample ID: MW-043-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1640			1564		mg/L				5	10

Lab Sample ID: 880-33996-2 DU
Matrix: Water
Analysis Batch: 125188

Client Sample ID: MW-Dup-01-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1700			1692		mg/L				0.5	10

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

GC/MS VOA

Analysis Batch: 126693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8260D	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8260D	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8260D	
MB 860-126693/9	Method Blank	Total/NA	Water	8260D	
LCS 860-126693/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-126693/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC Semi VOA

Analysis Batch: 123288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8015 NM	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8015 NM	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8015 NM	

Prep Batch: 125365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8015NM Aq Prep	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8015NM Aq Prep	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8015NM Aq Prep	
MB 860-125365/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-125365/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-125365/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 125594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8015B NM	125365
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8015B NM	125365

Analysis Batch: 125598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-125365/1-A	Method Blank	Total/NA	Water	8015B NM	125365
LCS 860-125365/2-A	Lab Control Sample	Total/NA	Water	8015B NM	125365
LCSD 860-125365/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	125365

Analysis Batch: 125774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8015B NM	125365

HPLC/IC

Analysis Batch: 125728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	300.0	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	300.0	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	300.0	
880-33996-4	MW-093SA-W-20231003	Total/NA	Water	300.0	
880-33996-5	MW-018-W-20231003	Total/NA	Water	300.0	
880-33996-6	MW-015A-A-W-20231003	Total/NA	Water	300.0	
MB 860-125728/3	Method Blank	Total/NA	Water	300.0	
LCS 860-125728/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-125728/5	Lab Control Sample Dup	Total/NA	Water	300.0	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

HPLC/IC (Continued)

Analysis Batch: 125728 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 860-125728/7	Lab Control Sample	Total/NA	Water	300.0	
880-33996-3 MS	MW-046A-W-20231003	Total/NA	Water	300.0	
880-33996-3 MSD	MW-046A-W-20231003	Total/NA	Water	300.0	

Metals

Prep Batch: 125209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	3010A	
880-33996-2	MW-Dup-01-W-20231003	Dissolved	Water	3010A	
880-33996-3	MW-046A-W-20231003	Dissolved	Water	3010A	
880-33996-4	MW-093SA-W-20231003	Dissolved	Water	3010A	
880-33996-5	MW-018-W-20231003	Dissolved	Water	3010A	
880-33996-6	MW-015A-A-W-20231003	Dissolved	Water	3010A	
MB 860-125209/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125209/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-125209/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-33996-1 MS	MW-043-W-20231003	Dissolved	Water	3010A	
880-33996-1 MSD	MW-043-W-20231003	Dissolved	Water	3010A	

Analysis Batch: 125621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	6020A	125209
880-33996-2	MW-Dup-01-W-20231003	Dissolved	Water	6020A	125209
880-33996-3	MW-046A-W-20231003	Dissolved	Water	6020A	125209
880-33996-4	MW-093SA-W-20231003	Dissolved	Water	6020A	125209
880-33996-5	MW-018-W-20231003	Dissolved	Water	6020A	125209
880-33996-6	MW-015A-A-W-20231003	Dissolved	Water	6020A	125209
MB 860-125209/1-A	Method Blank	Total/NA	Water	6020A	125209
LCS 860-125209/2-A	Lab Control Sample	Total/NA	Water	6020A	125209
LCSD 860-125209/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	125209
880-33996-1 MS	MW-043-W-20231003	Dissolved	Water	6020A	125209
880-33996-1 MSD	MW-043-W-20231003	Dissolved	Water	6020A	125209

Analysis Batch: 125706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	6020A	125209

General Chemistry

Analysis Batch: 63924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	7196A	
880-33996-2	MW-Dup-01-W-20231003	Dissolved	Water	7196A	
880-33996-3	MW-046A-W-20231003	Dissolved	Water	7196A	
880-33996-4	MW-093SA-W-20231003	Dissolved	Water	7196A	
880-33996-5	MW-018-W-20231003	Dissolved	Water	7196A	
880-33996-6	MW-015A-A-W-20231003	Dissolved	Water	7196A	
MB 880-63924/3	Method Blank	Total/NA	Water	7196A	
LCS 880-63924/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-63924/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-33996-2 MS	MW-Dup-01-W-20231003	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

General Chemistry (Continued)

Analysis Batch: 63924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-2 MSD	MW-Dup-01-W-20231003	Dissolved	Water	7196A	

Analysis Batch: 125188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	SM 2540C	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	SM 2540C	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	SM 2540C	
880-33996-4	MW-093SA-W-20231003	Total/NA	Water	SM 2540C	
880-33996-5	MW-018-W-20231003	Total/NA	Water	SM 2540C	
880-33996-6	MW-015A-A-W-20231003	Total/NA	Water	SM 2540C	
MB 860-125188/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-125188/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-125188/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-125188/26	Lab Control Sample	Total/NA	Water	SM 2540C	
880-33996-1 DU	MW-043-W-20231003	Total/NA	Water	SM 2540C	
880-33996-2 DU	MW-Dup-01-W-20231003	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-043-W-20231003
Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	126693	10/17/23 14:13	JBS	EET HOU
Total/NA	Analysis	8015 NM		1			123288	10/10/23 20:25	CZT	EET HOU
Total/NA	Prep	8015NM Aq Prep			29.3 mL	3 mL	125365	10/10/23 08:01	TH	EET HOU
Total/NA	Analysis	8015B NM		1			125594	10/10/23 20:25	T1S	EET HOU
Total/NA	Analysis	300.0		1			125728	10/11/23 00:20	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		5			125621	10/09/23 13:10	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 13:27	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-Dup-01-W-20231003
Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	126693	10/17/23 14:34	JBS	EET HOU
Total/NA	Analysis	8015 NM		1			123288	10/10/23 20:46	CZT	EET HOU
Total/NA	Prep	8015NM Aq Prep			31.9 mL	3 mL	125365	10/10/23 08:01	TH	EET HOU
Total/NA	Analysis	8015B NM		1			125594	10/10/23 20:46	T1S	EET HOU
Total/NA	Analysis	300.0		1			125728	10/11/23 00:41	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:51	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-046A-W-20231003
Date Collected: 10/03/23 12:20
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	126693	10/17/23 14:54	JBS	EET HOU
Total/NA	Analysis	8015 NM		1			123288	10/11/23 13:29	CZT	EET HOU
Total/NA	Prep	8015NM Aq Prep			27.8 mL	3 mL	125365	10/10/23 08:01	TH	EET HOU
Total/NA	Analysis	8015B NM		1			125774	10/11/23 13:29	T1S	EET HOU
Total/NA	Analysis	300.0		1			125728	10/10/23 22:43	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:53	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-093SA-W-20231003

Lab Sample ID: 880-33996-4
Matrix: Water
Date Collected: 10/03/23 12:50
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125728	10/11/23 01:13	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:56	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-018-W-20231003

Lab Sample ID: 880-33996-5
Matrix: Water
Date Collected: 10/03/23 13:05
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125728	10/10/23 23:15	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:58	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-015A-A-W-20231003

Lab Sample ID: 880-33996-6
Matrix: Water
Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125728	10/10/23 23:26	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 14:00	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	01-31-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Water	Total TPH
8015B NM	8015NM Aq Prep	Water	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Aq Prep	Water	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Aq Prep	Water	Oil Range Organics (Over C28-C36)

Method Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
8015NM Aq Prep	Microextraction	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-33996-1	MW-043-W-20231003	Water	10/03/23 10:25	10/03/23 16:49
880-33996-2	MW-Dup-01-W-20231003	Water	10/03/23 10:25	10/03/23 16:49
880-33996-3	MW-046A-W-20231003	Water	10/03/23 12:20	10/03/23 16:49
880-33996-4	MW-093SA-W-20231003	Water	10/03/23 12:50	10/03/23 16:49
880-33996-5	MW-018-W-20231003	Water	10/03/23 13:05	10/03/23 16:49
880-33996-6	MW-015A-A-W-20231003	Water	10/03/23 13:30	10/03/23 16:49

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing

339961

Client Information	Sampler: Heath Boyd	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6968-983 1
Client Contact: ~~Sonia~~ Nadya Cintron Franqui	Phone: 575-390-4618	E-Mail: John Builes@et.eurofinsus com	State of Origin: NM	Page: ~~Page 1 of 1~~ 1 of 1
Company: ARCADIS US Inc	PWSID:	Analysis Requested		Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested			Preservation Codes: A HCL; B - NaOH; C - Zn Acetate; D Nitric Acid; E NaHSO4; F MeOH; G - Amchlor; H Ascorbic Acid; I Ice; J DI Water; K EDTA; L EDA; M Hexane; N None; O AsNaO2; P Na2O4S; Q Na2SO3; R Na2S2O3; S H2SO4; T TSP Dodecahydrate; U Acetone; V MCAA; W pH 4-5; Y Trizma; Z other (specify); Other:
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-2339	PO #: Purchase Order not required			
Email: ~~Andrew.DeMarco@arcadis.com~~ Nadya.CintronFranqui@arcadis.com	WO #:			
Project Name: Eunice North	Project #: ~~88000209~~ 30180473			
Site: Lea County, NM	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	D	N	A	A		
MW-043-W-20231003	10/3/23	1025	G	Water			X	X	X	X	X		
MW-Dup-01-W-20231003	10/3/23	N/A		Water			X	X	X	X	X		
MW-046A-W-20231003	10/3/23	1220		Water			X	X	X	X	X		
MW-093SA-W-20231003	10/3/23	1250		Water			X	X	X				
MW-018-W-20231003	10/3/23	1305		Water			X	X	X				
MW-015A-W-20231003	10/3/23	1330	X	Water			X	X	X				
				Water									
				Water									
				Water									
				Water									
				Water									

880-33996 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/03/23 / 1650	Arcadis		10/5/23	
Relinquished by	Date/Time	Company	Received by	Date/Time 1649	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 5.8 | 5.5

Ver 01/16/2019

Received by OCD: 3/13/2024 8:06:07 PM

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2/22/2024 (Rev. 1)

Released to Imaging: 4/30/2024 9:27:34 AM

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-33996-1
SDG Number: Lea County, NM

Login Number: 33996
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-33996-1
SDG Number: Lea County, NM

Login Number: 33996
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 10/05/23 01:43 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Number of containers not listed
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sonja Zabienski
ARCADIS US Inc
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 10/26/2023 10:56:59 AM Revision 1

JOB DESCRIPTION

Eunice Project
SDG NUMBER Lea County, NM

JOB NUMBER

880-33996-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/30/2024 9:27:54 AM

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/26/2023 10:56:59 AM
Revision 1

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS US Inc
Project/Site: Eunice Project

Laboratory Job ID: 880-33996-1
SDG: Lea County, NM

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Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)

Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Job ID: 880-33996-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-33996-1

REVISION

The report being provided is a revision of the original report sent on 10/16/2023. The report (revision 1) is being revised due to Revised report to add BTEX per COC.

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/3/2023 4:49 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C

GC/MS VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: Surrogate recovery for the following sample was outside the upper control limit: MW-046A-W-20231003 (880-33996-3). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-0935A-W-20231003 (880-33996-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-125209 and analytical batch 860-125621 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-043-W-20231003

Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:13	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:13	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:13	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:13	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:13	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/17/23 14:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*74 - 124*		*10/17/23 14:13*	*1*
Dibromofluoromethane (Surr)	*102*		*75 - 131*		*10/17/23 14:13*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/17/23 14:13*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<1.01	U	5.12	1.01	mg/L			10/10/23 20:25	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.01	U	5.12	1.01	mg/L		10/10/23 08:01	10/10/23 20:25	1
Diesel Range Organics (Over C10-C28)	<1.01	U	5.12	1.01	mg/L		10/10/23 08:01	10/10/23 20:25	1
Oil Range Organics (Over C28-C36)	<0.976	U	5.12	0.976	mg/L		10/10/23 08:01	10/10/23 20:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*119*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:25*	*1*
o-Terphenyl	*134*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:25*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**417**		0.500	0.250	mg/L			10/11/23 00:20	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00632**		0.00400	0.000690	mg/L		10/06/23 11:00	10/10/23 13:27	1
Chromium	**0.00101**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/10/23 13:27	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/10/23 13:27	1
Manganese	**0.464**		0.0100	0.00380	mg/L		10/06/23 11:00	10/09/23 13:10	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1640**		20.0	20.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-Dup-01-W-20231003

Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:34	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:34	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:34	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:34	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:34	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*63 - 144*		*10/17/23 14:34*	*1*
4-Bromofluorobenzene (Surr)	*105*		*74 - 124*		*10/17/23 14:34*	*1*
Dibromofluoromethane (Surr)	*96*		*75 - 131*		*10/17/23 14:34*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*10/17/23 14:34*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.929	U	4.70	0.929	mg/L			10/10/23 20:46	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.929	U	4.70	0.929	mg/L		10/10/23 08:01	10/10/23 20:46	1
Diesel Range Organics (Over C10-C28)	<0.929	U	4.70	0.929	mg/L		10/10/23 08:01	10/10/23 20:46	1
Oil Range Organics (Over C28-C36)	<0.897	U	4.70	0.897	mg/L		10/10/23 08:01	10/10/23 20:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*112*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:46*	*1*
o-Terphenyl	*130*		*70 - 135*	*10/10/23 08:01*	*10/10/23 20:46*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**433**		0.500	0.250	mg/L			10/11/23 00:41	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00525**		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:51	1
Chromium	**0.000792**	**J**	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:51	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:51	1
Manganese	**0.403**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1700**		20.0	20.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-046A-W-20231003

Date Collected: 10/03/23 12:20
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-3

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 14:54	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 14:54	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 14:54	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:54	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 14:54	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 14:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*63 - 144*		*10/17/23 14:54*	*1*
4-Bromofluorobenzene (Surr)	*102*		*74 - 124*		*10/17/23 14:54*	*1*
Dibromofluoromethane (Surr)	*100*		*75 - 131*		*10/17/23 14:54*	*1*
Toluene-d8 (Surr)	*103*		*80 - 120*		*10/17/23 14:54*	*1*

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<1.07	U	5.40	1.07	mg/L			10/11/23 13:29	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.07	U	5.40	1.07	mg/L		10/10/23 08:01	10/11/23 13:29	1
Diesel Range Organics (Over C10-C28)	<1.07	U	5.40	1.07	mg/L		10/10/23 08:01	10/11/23 13:29	1
Oil Range Organics (Over C28-C36)	<1.03	U	5.40	1.03	mg/L		10/10/23 08:01	10/11/23 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*122*		*70 - 135*	*10/10/23 08:01*	*10/11/23 13:29*	*1*
o-Terphenyl	*138*	*S1+*	*70 - 135*	*10/10/23 08:01*	*10/11/23 13:29*	*1*

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**63.1**		0.500	0.250	mg/L			10/10/23 22:43	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00244**	**J**	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:53	1
Chromium	**0.0122**		0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:53	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:53	1
Manganese	**0.0806**		0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1260**		10.0	10.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-0935A-W-20231003

Lab Sample ID: 880-33996-4
Matrix: Water
Date Collected: 10/03/23 12:50
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	695		5.00	2.50	mg/L			10/11/23 01:13	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00814		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:56	1
Barium	0.0235		0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 13:56	1
Chromium	0.265		0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3590		40.0	40.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.293		0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample ID: MW-018-W-20231003

Lab Sample ID: 880-33996-5
Matrix: Water
Date Collected: 10/03/23 13:05
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	192		0.500	0.250	mg/L			10/10/23 23:15	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0101		0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:58	1
Barium	0.0307		0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 13:58	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1210		10.0	10.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Client Sample ID: MW-015AW-20231003

Lab Sample ID: 880-33996-6
Matrix: Water
Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	193		0.500	0.250	mg/L			10/10/23 23:26	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00205	J	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 14:00	1
Barium	0.162		0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 14:00	1
Chromium	0.00115	J	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 14:00	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-015AW-20231003

Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Lab Sample ID: 880-33996-6

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3060		40.0	40.0	mg/L			10/06/23 09:46	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

Surrogate Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(63-144)	(74-124)	(75-131)	(80-120)
880-33996-1	MW-043-W-20231003	104	101	102	103
880-33996-2	MW-Dup-01-W-20231003	103	105	96	105
880-33996-3	MW-046A-W-20231003	104	102	100	103
LCS 860-126693/3	Lab Control Sample	98	100	105	104
LCSD 860-126693/4	Lab Control Sample Dup	109	96	97	103
MB 860-126693/9	Method Blank	105	104	101	102

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-135)	(70-135)
880-33996-1	MW-043-W-20231003	119	134
880-33996-2	MW-Dup-01-W-20231003	112	130
880-33996-3	MW-046A-W-20231003	122	138 S1+
LCS 860-125365/2-A	Lab Control Sample	107	121
LCSD 860-125365/3-A	Lab Control Sample Dup	108	118
MB 860-125365/1-A	Method Blank	105	129

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 860-126693/9
Matrix: Water
Analysis Batch: 126693

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000460	U	0.00100	0.000460	mg/L			10/17/23 12:31	1
Toluene	<0.000475	U	0.00100	0.000475	mg/L			10/17/23 12:31	1
Ethylbenzene	<0.000385	U	0.00100	0.000385	mg/L			10/17/23 12:31	1
m,p-Xylenes	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 12:31	1
o-Xylene	<0.000502	U	0.00100	0.000502	mg/L			10/17/23 12:31	1
Xylenes, Total	<0.00124	U	0.0100	0.00124	mg/L			10/17/23 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*63 - 144*		*10/17/23 12:31*	*1*
4-Bromofluorobenzene (Surr)	*104*		*74 - 124*		*10/17/23 12:31*	*1*
Dibromofluoromethane (Surr)	*101*		*75 - 131*		*10/17/23 12:31*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*10/17/23 12:31*	*1*

Lab Sample ID: LCS 860-126693/3
Matrix: Water
Analysis Batch: 126693

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05669		mg/L		113	75 - 125
Toluene	0.0500	0.05194		mg/L		104	70 - 130
Ethylbenzene	0.0500	0.05363		mg/L		107	75 - 125
m,p-Xylenes	0.0500	0.05430		mg/L		109	75 - 125
o-Xylene	0.0500	0.04999		mg/L		100	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*63 - 144*
4-Bromofluorobenzene (Surr)	*100*		*74 - 124*
Dibromofluoromethane (Surr)	*105*		*75 - 131*
Toluene-d8 (Surr)	*104*		*80 - 120*

Lab Sample ID: LCSD 860-126693/4
Matrix: Water
Analysis Batch: 126693

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.0500	0.05408		mg/L		108	75 - 125	5	25
Toluene	0.0500	0.04944		mg/L		99	70 - 130	5	25
Ethylbenzene	0.0500	0.05136		mg/L		103	75 - 125	4	25
m,p-Xylenes	0.0500	0.05152		mg/L		103	75 - 125	5	25
o-Xylene	0.0500	0.04823		mg/L		96	75 - 125	4	25

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*109*		*63 - 144*
4-Bromofluorobenzene (Surr)	*96*		*74 - 124*
Dibromofluoromethane (Surr)	*97*		*75 - 131*
Toluene-d8 (Surr)	*103*		*80 - 120*

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 860-125365/1-A
Matrix: Water
Analysis Batch: 125598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125365

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<1.02	U	5.17	1.02	mg/L		10/09/23 08:13	10/10/23 16:16	1
Diesel Range Organics (Over C10-C28)	<1.02	U	5.17	1.02	mg/L		10/09/23 08:13	10/10/23 16:16	1
Oil Range Organics (Over C28-C36)	<0.986	U	5.17	0.986	mg/L		10/09/23 08:13	10/10/23 16:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 135*	*10/09/23 08:13*	*10/10/23 16:16*	*1*
o-Terphenyl	*129*		*70 - 135*	*10/09/23 08:13*	*10/10/23 16:16*	*1*

Lab Sample ID: LCS 860-125365/2-A
Matrix: Water
Analysis Batch: 125598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125365

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	104	88.94		mg/L		86	70 - 135
Diesel Range Organics (Over C10-C28)	103	101.1		mg/L		98	70 - 135

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*107*		*70 - 135*
o-Terphenyl	*121*		*70 - 135*

Lab Sample ID: LCSD 860-125365/3-A
Matrix: Water
Analysis Batch: 125598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125365

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	104	93.39		mg/L		90	70 - 135	5	35
Diesel Range Organics (Over C10-C28)	103	104.1		mg/L		101	70 - 135	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*108*		*70 - 135*
o-Terphenyl	*118*		*70 - 135*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-125728/3
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/10/23 21:49	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-125728/4
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.959		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-125728/5
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.972		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-125728/7
Matrix: Water
Analysis Batch: 125728

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5250		mg/L		105	50 - 150

Lab Sample ID: 880-33996-3 MS
Matrix: Water
Analysis Batch: 125728

Client Sample ID: MW-046A-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	63.1		10.0	72.15	4	mg/L		90	90 - 110

Lab Sample ID: 880-33996-3 MSD
Matrix: Water
Analysis Batch: 125728

Client Sample ID: MW-046A-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	63.1		10.0	72.21	4	mg/L		91	90 - 110	0	15

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-125209/1-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/06/23 11:00	10/09/23 13:03	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		10/06/23 11:00	10/09/23 13:03	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/06/23 11:00	10/09/23 13:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/06/23 11:00	10/09/23 13:03	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/06/23 11:00	10/09/23 13:03	1

Lab Sample ID: LCS 860-125209/2-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09816		mg/L		98	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-125209/2-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.09932		mg/L		99	80 - 120
Iron	0.500	0.4892		mg/L		98	80 - 120
Manganese	0.100	0.1003		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-125209/3-A
Matrix: Water
Analysis Batch: 125621

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09942		mg/L		99	80 - 120	1	20
Barium	0.100	0.09891		mg/L		99	80 - 120	2	20
Chromium	0.100	0.09916		mg/L		99	80 - 120	0	20
Iron	0.500	0.4938		mg/L		99	80 - 120	1	20
Manganese	0.100	0.09925		mg/L		99	80 - 120	1	20

Lab Sample ID: 880-33996-1 MS
Matrix: Water
Analysis Batch: 125621

Client Sample ID: MW-043-W-20231003
Prep Type: Dissolved
Prep Batch: 125209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00670	J	0.100	0.1098		mg/L		103	75 - 125
Barium	0.258		0.100	0.3435		mg/L		85	75 - 125
Chromium	<0.00280	U	0.100	0.1031		mg/L		103	75 - 125
Iron	<0.141	U	0.500	0.5316		mg/L		106	75 - 125
Manganese	0.464		0.100	0.5428	4	mg/L		79	75 - 125

Lab Sample ID: 880-33996-1 MSD
Matrix: Water
Analysis Batch: 125621

Client Sample ID: MW-043-W-20231003
Prep Type: Dissolved
Prep Batch: 125209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.00670	J	0.100	0.1115		mg/L		105	75 - 125	2	20
Barium	0.258		0.100	0.3568		mg/L		99	75 - 125	4	20
Chromium	<0.00280	U	0.100	0.1083		mg/L		108	75 - 125	5	20
Iron	<0.141	U	0.500	0.5634		mg/L		113	75 - 125	6	20
Manganese	0.464		0.100	0.5590	4	mg/L		95	75 - 125	3	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-63924/3
Matrix: Water
Analysis Batch: 63924

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/04/23 08:47	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 880-63924/4
Matrix: Water
Analysis Batch: 63924

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.04088		mg/L		102	85 - 115		

Lab Sample ID: LCSD 880-63924/5
Matrix: Water
Analysis Batch: 63924

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04088		mg/L		102	85 - 115	0	20

Lab Sample ID: 880-33996-2 MS
Matrix: Water
Analysis Batch: 63924

Client Sample ID: MW-Dup-01-W-20231003
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	<0.00270	U	0.200	0.2041		mg/L		102	85 - 115		

Lab Sample ID: 880-33996-2 MSD
Matrix: Water
Analysis Batch: 63924

Client Sample ID: MW-Dup-01-W-20231003
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2041		mg/L		102	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-125188/1
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			10/06/23 09:46	1

Lab Sample ID: LCS 860-125188/2
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	976.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-125188/3
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	975.0		mg/L		98	80 - 120	0	10

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LLCS 860-125188/26
Matrix: Water
Analysis Batch: 125188

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	7.000		mg/L		140	50 - 150		

Lab Sample ID: 880-33996-1 DU
Matrix: Water
Analysis Batch: 125188

Client Sample ID: MW-043-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1640			1564		mg/L				5	10

Lab Sample ID: 880-33996-2 DU
Matrix: Water
Analysis Batch: 125188

Client Sample ID: MW-Dup-01-W-20231003
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1700			1692		mg/L				0.5	10

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

GC/MS VOA

Analysis Batch: 126693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8260D	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8260D	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8260D	
MB 860-126693/9	Method Blank	Total/NA	Water	8260D	
LCS 860-126693/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 860-126693/4	Lab Control Sample Dup	Total/NA	Water	8260D	

GC Semi VOA

Analysis Batch: 123288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8015 NM	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8015 NM	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8015 NM	

Prep Batch: 125365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8015NM Aq Prep	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8015NM Aq Prep	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8015NM Aq Prep	
MB 860-125365/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 860-125365/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 860-125365/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 125594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	8015B NM	125365
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	8015B NM	125365

Analysis Batch: 125598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-125365/1-A	Method Blank	Total/NA	Water	8015B NM	125365
LCS 860-125365/2-A	Lab Control Sample	Total/NA	Water	8015B NM	125365
LCSD 860-125365/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	125365

Analysis Batch: 125774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-3	MW-046A-W-20231003	Total/NA	Water	8015B NM	125365

HPLC/IC

Analysis Batch: 125728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	300.0	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	300.0	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	300.0	
880-33996-4	MW-0935A-W-20231003	Total/NA	Water	300.0	
880-33996-5	MW-018-W-20231003	Total/NA	Water	300.0	
880-33996-6	MW-015AW-20231003	Total/NA	Water	300.0	
MB 860-125728/3	Method Blank	Total/NA	Water	300.0	
LCS 860-125728/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-125728/5	Lab Control Sample Dup	Total/NA	Water	300.0	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

HPLC/IC (Continued)

Analysis Batch: 125728 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 860-125728/7	Lab Control Sample	Total/NA	Water	300.0	
880-33996-3 MS	MW-046A-W-20231003	Total/NA	Water	300.0	
880-33996-3 MSD	MW-046A-W-20231003	Total/NA	Water	300.0	

Metals

Prep Batch: 125209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	3010A	
880-33996-2	MW-Dup-01-W-20231003	Dissolved	Water	3010A	
880-33996-3	MW-046A-W-20231003	Dissolved	Water	3010A	
880-33996-4	MW-0935A-W-20231003	Dissolved	Water	3010A	
880-33996-5	MW-018-W-20231003	Dissolved	Water	3010A	
880-33996-6	MW-015AW-20231003	Dissolved	Water	3010A	
MB 860-125209/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125209/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-125209/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-33996-1 MS	MW-043-W-20231003	Dissolved	Water	3010A	
880-33996-1 MSD	MW-043-W-20231003	Dissolved	Water	3010A	

Analysis Batch: 125621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	6020A	125209
880-33996-2	MW-Dup-01-W-20231003	Dissolved	Water	6020A	125209
880-33996-3	MW-046A-W-20231003	Dissolved	Water	6020A	125209
880-33996-4	MW-0935A-W-20231003	Dissolved	Water	6020A	125209
880-33996-5	MW-018-W-20231003	Dissolved	Water	6020A	125209
880-33996-6	MW-015AW-20231003	Dissolved	Water	6020A	125209
MB 860-125209/1-A	Method Blank	Total/NA	Water	6020A	125209
LCS 860-125209/2-A	Lab Control Sample	Total/NA	Water	6020A	125209
LCSD 860-125209/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	125209
880-33996-1 MS	MW-043-W-20231003	Dissolved	Water	6020A	125209
880-33996-1 MSD	MW-043-W-20231003	Dissolved	Water	6020A	125209

Analysis Batch: 125706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	6020A	125209

General Chemistry

Analysis Batch: 63924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Dissolved	Water	7196A	
880-33996-2	MW-Dup-01-W-20231003	Dissolved	Water	7196A	
880-33996-3	MW-046A-W-20231003	Dissolved	Water	7196A	
880-33996-4	MW-0935A-W-20231003	Dissolved	Water	7196A	
880-33996-5	MW-018-W-20231003	Dissolved	Water	7196A	
880-33996-6	MW-015AW-20231003	Dissolved	Water	7196A	
MB 880-63924/3	Method Blank	Total/NA	Water	7196A	
LCS 880-63924/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-63924/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-33996-2 MS	MW-Dup-01-W-20231003	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

General Chemistry (Continued)

Analysis Batch: 63924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-2 MSD	MW-Dup-01-W-20231003	Dissolved	Water	7196A	

Analysis Batch: 125188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-33996-1	MW-043-W-20231003	Total/NA	Water	SM 2540C	
880-33996-2	MW-Dup-01-W-20231003	Total/NA	Water	SM 2540C	
880-33996-3	MW-046A-W-20231003	Total/NA	Water	SM 2540C	
880-33996-4	MW-0935A-W-20231003	Total/NA	Water	SM 2540C	
880-33996-5	MW-018-W-20231003	Total/NA	Water	SM 2540C	
880-33996-6	MW-015AW-20231003	Total/NA	Water	SM 2540C	
MB 860-125188/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-125188/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-125188/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-125188/26	Lab Control Sample	Total/NA	Water	SM 2540C	
880-33996-1 DU	MW-043-W-20231003	Total/NA	Water	SM 2540C	
880-33996-2 DU	MW-Dup-01-W-20231003	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-043-W-20231003

Lab Sample ID: 880-33996-1
Matrix: Water
Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	126693	10/17/23 14:13	JBS	EET HOU
Total/NA	Analysis	8015 NM		1			123288	10/10/23 20:25	CZT	EET HOU
Total/NA	Prep	8015NM Aq Prep			29.3 mL	3 mL	125365	10/10/23 08:01	TH	EET HOU
Total/NA	Analysis	8015B NM		1			125594	10/10/23 20:25	T1S	EET HOU
Total/NA	Analysis	300.0		1			125728	10/11/23 00:20	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		5			125621	10/09/23 13:10	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 13:27	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-Dup-01-W-20231003

Lab Sample ID: 880-33996-2
Matrix: Water
Date Collected: 10/03/23 10:25
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	126693	10/17/23 14:34	JBS	EET HOU
Total/NA	Analysis	8015 NM		1			123288	10/10/23 20:46	CZT	EET HOU
Total/NA	Prep	8015NM Aq Prep			31.9 mL	3 mL	125365	10/10/23 08:01	TH	EET HOU
Total/NA	Analysis	8015B NM		1			125594	10/10/23 20:46	T1S	EET HOU
Total/NA	Analysis	300.0		1			125728	10/11/23 00:41	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:51	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-046A-W-20231003

Lab Sample ID: 880-33996-3
Matrix: Water
Date Collected: 10/03/23 12:20
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	126693	10/17/23 14:54	JBS	EET HOU
Total/NA	Analysis	8015 NM		1			123288	10/11/23 13:29	CZT	EET HOU
Total/NA	Prep	8015NM Aq Prep			27.8 mL	3 mL	125365	10/10/23 08:01	TH	EET HOU
Total/NA	Analysis	8015B NM		1			125774	10/11/23 13:29	T1S	EET HOU
Total/NA	Analysis	300.0		1			125728	10/10/23 22:43	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:53	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Client Sample ID: MW-0935A-W-20231003

Lab Sample ID: 880-33996-4
Matrix: Water
Date Collected: 10/03/23 12:50
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125728	10/11/23 01:13	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:56	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-018-W-20231003

Lab Sample ID: 880-33996-5
Matrix: Water
Date Collected: 10/03/23 13:05
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125728	10/10/23 23:15	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 13:58	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Client Sample ID: MW-015AW-20231003

Lab Sample ID: 880-33996-6
Matrix: Water
Date Collected: 10/03/23 13:30
Date Received: 10/03/23 16:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125728	10/10/23 23:26	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125209	10/06/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125621	10/09/23 14:00	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63924	10/04/23 08:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125188	10/06/23 09:46	SA	EET HOU

Laboratory References:
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-53	06-30-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Water	Total TPH
8015B NM	8015NM Aq Prep	Water	Diesel Range Organics (Over C10-C28)
8015B NM	8015NM Aq Prep	Water	Gasoline Range Organics (GRO)-C6-C10
8015B NM	8015NM Aq Prep	Water	Oil Range Organics (Over C28-C36)

Method Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET HOU
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET HOU
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU
5030C	Purge and Trap	SW846	EET HOU
8015NM Aq Prep	Microextraction	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-33996-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-33996-1	MW-043-W-20231003	Water	10/03/23 10:25	10/03/23 16:49
880-33996-2	MW-Dup-01-W-20231003	Water	10/03/23 10:25	10/03/23 16:49
880-33996-3	MW-046A-W-20231003	Water	10/03/23 12:20	10/03/23 16:49
880-33996-4	MW-0935A-W-20231003	Water	10/03/23 12:50	10/03/23 16:49
880-33996-5	MW-018-W-20231003	Water	10/03/23 13:05	10/03/23 16:49
880-33996-6	MW-015AW-20231003	Water	10/03/23 13:30	10/03/23 16:49

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing

339960

Client Information	Sampler: Heath Boyd	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6968-983 1
Client Contact: ~~Sonia~~ Nadya Cintron Franqui	Phone: 575-390-4618	E-Mail: John Builes@et.eurofinsus com	State of Origin: NM	Page: ~~Page 1 of 2~~ 1 of 1
Company: ARCADIS US Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-2339	PO #: Purchase Order not required			
Email: ~~Andrew.DeMarco@arcadis.com~~ Nadya.CintronFranqui@arcadis.com	WO #:			
Project Name: Eunice North	Project #: ~~88000209~~ 30180473			
Site: Lea County, NM	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B - NaOH, C - Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G - Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note:
Preservation Code:							N	D	N	A	A		
MW-043-W-20231003	10/3/23	1025	G	Water			X	X	X	X	X		
MW-Dup-01-W-20231003	10/3/23	N/A		Water			X	X	X	X	X		
MW-046A-W-20231003	10/3/23	1220		Water			X	X	X	X	X		
MW-093SA-W-20231003	10/3/23	1250		Water			X	X	X				
MW-018-W-20231003	10/3/23	1305		Water			X	X	X				
MW-015A-W-20231003	10/3/23	1330	X	Water			X	X	X				
				Water									
				Water									
				Water									
				Water									
				Water									

880-33996 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/03/23 1650	Arcadis		10/5/23	
Relinquished by	Date/Time	Company	Received by	Date/Time 1649	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 5.8 | 5.5

Ver 01/16/2019

Received by OCD: 3/13/2024 8:06:07 PM

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10/26/2023 (Rev. 1)

Released to Imaging: 4/30/2024 9:27:34 AM

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-33996-1
SDG Number: Lea County, NM

Login Number: 33996
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-33996-1
SDG Number: Lea County, NM

Login Number: 33996
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 10/05/23 01:43 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Number of containers not listed
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sonja Zabienski
ARCADIS US Inc
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 10/17/2023 11:54:57 AM

JOB DESCRIPTION

Eunice North
SDG NUMBER Lea County NM

JOB NUMBER

880-34041-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/30/2024 9:27:54 AM

my EOL

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/17/2023 11:54:57 AM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS US Inc
Project/Site: Eunice North

Laboratory Job ID: 880-34041-1
SDG: Lea County NM

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Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Job ID: 880-34041-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-34041-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/4/2023 4:59 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 8.8°C

HPLC/IC
Method 300_ORGFM_28D: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-007A-W-20231004 (880-34041-9). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The following sample was diluted due to the nature of the sample matrix: MW-069-W-20231004 (880-34041-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
Method 6020A: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-095-W-20231004 (880-34041-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: A specific holding time was not indicated for this sample to establish holding time; therefore, the laboratory defaults to an in-house holding time of 00:00: DUP-02-W-20231004 (880-34041-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-032-W-20231004

Lab Sample ID: 880-34041-1
Matrix: Water
Date Collected: 10/04/23 09:40
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**524**		5.00	2.50	mg/L			10/13/23 01:24	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00453**		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 15:46	1
Chromium	**0.00177**	**J**	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 15:46	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 15:46	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 15:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2040**		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 07:57	1

Client Sample ID: MW-061-W-20231004

Lab Sample ID: 880-34041-2
Matrix: Water
Date Collected: 10/04/23 10:00
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**715**		5.00	2.50	mg/L			10/13/23 01:44	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0115**		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:05	1
Chromium	**0.689**		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:05	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:05	1
Manganese	**0.0362**		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**3860**		40.0	40.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.712**		0.100	0.0270	mg/L			10/05/23 07:57	10

Client Sample ID: MW-068-W-20231004

Lab Sample ID: 880-34041-3
Matrix: Water
Date Collected: 10/04/23 10:15
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2030**		5.00	2.50	mg/L			10/13/23 02:24	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0202**		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:07	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-068-W-20231004

Lab Sample ID: 880-34041-3
Matrix: Water
Date Collected: 10/04/23 10:15
Date Received: 10/04/23 16:59

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.0295**	**J**	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:07	1
Manganese	**0.661**		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**7150**		100	100	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 07:57	1

Client Sample ID: MW-069-W-20231004

Lab Sample ID: 880-34041-4
Matrix: Water
Date Collected: 10/04/23 10:40
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4650**		50.0	25.0	mg/L			10/14/23 02:40	100

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00535**		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:09	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:09	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:09	1
Manganese	**0.249**		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**15800**		100	100	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: MW-095-W-20231004

Lab Sample ID: 880-34041-5
Matrix: Water
Date Collected: 10/04/23 11:10
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1030**		5.00	2.50	mg/L			10/13/23 05:54	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00921**		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:11	1
Chromium	**3.23**		0.0800	0.0112	mg/L		10/09/23 09:30	10/10/23 13:45	20
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:11	1
Manganese	**0.162**		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4920**		40.0	40.0	mg/L			10/09/23 09:24	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-095-W-20231004

Lab Sample ID: 880-34041-5
Matrix: Water
Date Collected: 10/04/23 11:10
Date Received: 10/04/23 16:59

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.02		0.100	0.0270	mg/L			10/05/23 09:10	10

Client Sample ID: MW-13-W-20231004

Lab Sample ID: 880-34041-6
Matrix: Water
Date Collected: 10/04/23 11:30
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	694		5.00	2.50	mg/L			10/13/23 05:14	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00562		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:14	1
Chromium	0.418		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:14	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:14	1
Manganese	0.00220		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2980		40.0	40.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.372		0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: MW-070-W-20231004

Lab Sample ID: 880-34041-7
Matrix: Water
Date Collected: 10/04/23 12:55
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	404		0.500	0.250	mg/L			10/13/23 05:24	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0121		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:16	1
Chromium	0.000798	J	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:16	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:16	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1450		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-047-W-20231004

Lab Sample ID: 880-34041-8
Matrix: Water
Date Collected: 10/04/23 13:10
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	146		0.500	0.250	mg/L			10/13/23 05:34	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:18	1
Chromium	0.0667		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:18	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1690		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0578		0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: MW-007A-W-20231004

Lab Sample ID: 880-34041-9
Matrix: Water
Date Collected: 10/04/23 13:30
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	692		5.00	2.50	mg/L			10/13/23 07:51	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:20	1
Chromium	0.683		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:20	1
Manganese	0.00321		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3170		40.0	40.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.732		0.100	0.0270	mg/L			10/05/23 09:10	10

Client Sample ID: MW-011A-W-20231004

Lab Sample ID: 880-34041-10
Matrix: Water
Date Collected: 10/04/23 13:45
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		0.500	0.250	mg/L			10/13/23 03:12	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0155		0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 16:23	1
Chromium	0.0187		0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 16:23	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-011A-W-20231004

Lab Sample ID: 880-34041-10
Matrix: Water
Date Collected: 10/04/23 13:45
Date Received: 10/04/23 16:59

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 16:23	1
Manganese	**0.131**		0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1580**		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0120**		0.0100	0.00270	mg/L			10/05/23 09:10	1

Client Sample ID: DUP-02-W-20231004

Lab Sample ID: 880-34041-11
Matrix: Water
Date Collected: 10/04/23 00:00
Date Received: 10/04/23 16:59

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**142**		0.500	0.250	mg/L			10/13/23 03:23	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0106**		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:48	1
Chromium	**0.0690**		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 16:48	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:48	1
Manganese	**0.00112**	**J**	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1590**		20.0	20.0	mg/L			10/09/23 09:24	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0583**	**H**	0.0100	0.00270	mg/L			10/05/23 09:10	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-125869/171
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/13/23 02:08	1

Lab Sample ID: MB 860-125869/3
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/11/23 15:27	1

Lab Sample ID: LCS 860-125869/172
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.888		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-125869/173
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.876		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-125869/7
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5316		mg/L		106	50 - 150

Lab Sample ID: MB 860-125993/3
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/12/23 10:35	1

Lab Sample ID: MB 860-125993/55
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/12/23 22:24	1

Lab Sample ID: LCS 860-125993/4
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.06		mg/L		101	90 - 110

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-125993/56
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	10.09		mg/L		101	90 - 110		

Lab Sample ID: LCSD 860-125993/5
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.09		mg/L		101	90 - 110	0	20

Lab Sample ID: LCSD 860-125993/57
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.11		mg/L		101	90 - 110	0	20

Lab Sample ID: LLCS 860-125993/6
Matrix: Water
Analysis Batch: 125993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.2557	J	mg/L		51	50 - 150		

Lab Sample ID: MB 860-126296/3
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/13/23 16:42	1

Lab Sample ID: LCS 860-126296/4
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			5.00	5.052		mg/L		101	90 - 110		

Lab Sample ID: LCSD 860-126296/5
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			5.00	5.083		mg/L		102	90 - 110	1	20

Lab Sample ID: LLCS 860-126296/7
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.5241		mg/L		105	50 - 150		

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-125398/1-A
Matrix: Water
Analysis Batch: 125622

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125398

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/09/23 09:30	10/09/23 15:39	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/09/23 09:30	10/09/23 15:39	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/09/23 09:30	10/09/23 15:39	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/09/23 09:30	10/09/23 15:39	1

Lab Sample ID: LCS 860-125398/2-A
Matrix: Water
Analysis Batch: 125622

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125398

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09757		mg/L		98	80 - 120
Chromium	0.100	0.09493		mg/L		95	80 - 120
Iron	0.500	0.4902		mg/L		98	80 - 120
Manganese	0.100	0.09518		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-125398/3-A
Matrix: Water
Analysis Batch: 125622

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125398

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09678		mg/L		97	80 - 120	1	20
Chromium	0.100	0.09791		mg/L		98	80 - 120	3	20
Iron	0.500	0.4888		mg/L		98	80 - 120	0	20
Manganese	0.100	0.09813		mg/L		98	80 - 120	3	20

Lab Sample ID: MB 860-125640/1-A
Matrix: Water
Analysis Batch: 125706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 16:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:18	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:18	1

Lab Sample ID: LCS 860-125640/2-A
Matrix: Water
Analysis Batch: 125706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09713		mg/L		97	80 - 120
Chromium	0.100	0.09546		mg/L		95	80 - 120
Iron	0.500	0.4762		mg/L		95	80 - 120
Manganese	0.100	0.09820		mg/L		98	80 - 120

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 880-34041-1 MS — **Client Sample ID: MW-032-W-20231004**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 125622 — **Prep Batch: 125398**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.00453		0.100	0.1047		mg/L		100	75 - 125
Chromium	0.00177	J	0.100	0.1005		mg/L		99	75 - 125
Iron	<0.0283	U	0.500	0.4874		mg/L		97	75 - 125
Manganese	<0.000759	U	0.100	0.09724		mg/L		97	75 - 125

Lab Sample ID: 880-34041-1 MSD — **Client Sample ID: MW-032-W-20231004**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 125622 — **Prep Batch: 125398**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.00453		0.100	0.1044		mg/L		100	75 - 125	0	20
Chromium	0.00177	J	0.100	0.1006		mg/L		99	75 - 125	0	20
Iron	<0.0283	U	0.500	0.4916		mg/L		98	75 - 125	1	20
Manganese	<0.000759	U	0.100	0.09798		mg/L		98	75 - 125	1	20

Lab Sample ID: LB 860-125486/1-C — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 125706 — **Prep Batch: 125640**

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:18	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:18	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-63989/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63989

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 07:57	1

Lab Sample ID: LCS 880-63989/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63989

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.0400	0.04436		mg/L		111	85 - 115

Lab Sample ID: LCSD 880-63989/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 63989

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.04436		mg/L		111	85 - 115	0	20

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 880-64068/3
Matrix: Water
Analysis Batch: 64068

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/05/23 09:10	1

Lab Sample ID: LCS 880-64068/4
Matrix: Water
Analysis Batch: 64068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.04387		mg/L		110	85 - 115		

Lab Sample ID: LCSD 880-64068/5
Matrix: Water
Analysis Batch: 64068

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04387		mg/L		110	85 - 115	0	20

Lab Sample ID: 880-34041-1 MS
Matrix: Water
Analysis Batch: 63989

Client Sample ID: MW-032-W-20231004
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	<0.00270	U	0.200	0.1986		mg/L		99	85 - 115		

Lab Sample ID: 880-34041-1 MSD
Matrix: Water
Analysis Batch: 63989

Client Sample ID: MW-032-W-20231004
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.1986		mg/L		99	85 - 115	0	20

Lab Sample ID: 880-34041-4 MS
Matrix: Water
Analysis Batch: 64068

Client Sample ID: MW-069-W-20231004
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	<0.00270	U	0.200	0.2006		mg/L		100	85 - 115		

Lab Sample ID: 880-34041-4 MSD
Matrix: Water
Analysis Batch: 64068

Client Sample ID: MW-069-W-20231004
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2006		mg/L		100	85 - 115	0	20

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-125399/1
Matrix: Water
Analysis Batch: 125399

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			10/09/23 09:24	1

Lab Sample ID: LCS 860-125399/2
Matrix: Water
Analysis Batch: 125399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1006		mg/L		101	80 - 120		

Lab Sample ID: LCSD 860-125399/3
Matrix: Water
Analysis Batch: 125399

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1005		mg/L		101	80 - 120	0	10

Lab Sample ID: LLCS 860-125399/4
Matrix: Water
Analysis Batch: 125399

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			5.00	<5.00	U	mg/L		70	50 - 150		

Lab Sample ID: 880-34041-1 DU
Matrix: Water
Analysis Batch: 125399

Client Sample ID: MW-032-W-20231004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2040			2006		mg/L				2	10

Lab Sample ID: 880-34041-2 DU
Matrix: Water
Analysis Batch: 125399

Client Sample ID: MW-061-W-20231004
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3860			3820		mg/L				0.9	10

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

HPLC/IC

Analysis Batch: 125869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-9	MW-007A-W-20231004	Total/NA	Water	300.0	
880-34041-10	MW-011A-W-20231004	Total/NA	Water	300.0	
880-34041-11	DUP-02-W-20231004	Total/NA	Water	300.0	
MB 860-125869/171	Method Blank	Total/NA	Water	300.0	
MB 860-125869/3	Method Blank	Total/NA	Water	300.0	
LCS 860-125869/172	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-125869/173	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-125869/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 125993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1	MW-032-W-20231004	Total/NA	Water	300.0	
880-34041-2	MW-061-W-20231004	Total/NA	Water	300.0	
880-34041-3	MW-068-W-20231004	Total/NA	Water	300.0	
880-34041-5	MW-095-W-20231004	Total/NA	Water	300.0	
880-34041-6	MW-13-W-20231004	Total/NA	Water	300.0	
880-34041-7	MW-070-W-20231004	Total/NA	Water	300.0	
880-34041-8	MW-047-W-20231004	Total/NA	Water	300.0	
MB 860-125993/3	Method Blank	Total/NA	Water	300.0	
MB 860-125993/55	Method Blank	Total/NA	Water	300.0	
LCS 860-125993/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-125993/56	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-125993/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-125993/57	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-125993/6	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 126296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-4 - DL	MW-069-W-20231004	Total/NA	Water	300.0	
MB 860-126296/3	Method Blank	Total/NA	Water	300.0	
LCS 860-126296/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-126296/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-126296/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 125398

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1	MW-032-W-20231004	Dissolved	Water	3010A	
880-34041-2	MW-061-W-20231004	Dissolved	Water	3010A	
880-34041-3	MW-068-W-20231004	Dissolved	Water	3010A	
880-34041-4	MW-069-W-20231004	Dissolved	Water	3010A	
880-34041-5	MW-095-W-20231004	Dissolved	Water	3010A	
880-34041-6	MW-13-W-20231004	Dissolved	Water	3010A	
880-34041-7	MW-070-W-20231004	Dissolved	Water	3010A	
880-34041-8	MW-047-W-20231004	Dissolved	Water	3010A	
880-34041-9	MW-007A-W-20231004	Dissolved	Water	3010A	
880-34041-10	MW-011A-W-20231004	Dissolved	Water	3010A	
MB 860-125398/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125398/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-125398/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Metals (Continued)

Prep Batch: 125398 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1 MS	MW-032-W-20231004	Dissolved	Water	3010A	
880-34041-1 MSD	MW-032-W-20231004	Dissolved	Water	3010A	

Leach Batch: 125486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-125486/1-C	Method Blank	Dissolved	Water	1312	

Analysis Batch: 125622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1	MW-032-W-20231004	Dissolved	Water	6020A	125398
880-34041-2	MW-061-W-20231004	Dissolved	Water	6020A	125398
880-34041-3	MW-068-W-20231004	Dissolved	Water	6020A	125398
880-34041-4	MW-069-W-20231004	Dissolved	Water	6020A	125398
880-34041-5	MW-095-W-20231004	Dissolved	Water	6020A	125398
880-34041-6	MW-13-W-20231004	Dissolved	Water	6020A	125398
880-34041-7	MW-070-W-20231004	Dissolved	Water	6020A	125398
880-34041-8	MW-047-W-20231004	Dissolved	Water	6020A	125398
880-34041-9	MW-007A-W-20231004	Dissolved	Water	6020A	125398
880-34041-10	MW-011A-W-20231004	Dissolved	Water	6020A	125398
MB 860-125398/1-A	Method Blank	Total/NA	Water	6020A	125398
LCS 860-125398/2-A	Lab Control Sample	Total/NA	Water	6020A	125398
LCSD 860-125398/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	125398
880-34041-1 MS	MW-032-W-20231004	Dissolved	Water	6020A	125398
880-34041-1 MSD	MW-032-W-20231004	Dissolved	Water	6020A	125398

Prep Batch: 125640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-11	DUP-02-W-20231004	Dissolved	Water	3010A	
LB 860-125486/1-C	Method Blank	Dissolved	Water	3010A	125486
MB 860-125640/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125640/2-A	Lab Control Sample	Total/NA	Water	3010A	

Analysis Batch: 125706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-5	MW-095-W-20231004	Dissolved	Water	6020A	125398
880-34041-11	DUP-02-W-20231004	Dissolved	Water	6020A	125640
LB 860-125486/1-C	Method Blank	Dissolved	Water	6020A	125640
MB 860-125640/1-A	Method Blank	Total/NA	Water	6020A	125640
LCS 860-125640/2-A	Lab Control Sample	Total/NA	Water	6020A	125640

General Chemistry

Analysis Batch: 63989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1	MW-032-W-20231004	Dissolved	Water	7196A	
880-34041-2	MW-061-W-20231004	Dissolved	Water	7196A	
880-34041-3	MW-068-W-20231004	Dissolved	Water	7196A	
MB 880-63989/3	Method Blank	Total/NA	Water	7196A	
LCS 880-63989/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-63989/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-34041-1 MS	MW-032-W-20231004	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

General Chemistry (Continued)

Analysis Batch: 63989 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1 MSD	MW-032-W-20231004	Dissolved	Water	7196A	

Analysis Batch: 64068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-4	MW-069-W-20231004	Dissolved	Water	7196A	
880-34041-5	MW-095-W-20231004	Dissolved	Water	7196A	
880-34041-6	MW-13-W-20231004	Dissolved	Water	7196A	
880-34041-7	MW-070-W-20231004	Dissolved	Water	7196A	
880-34041-8	MW-047-W-20231004	Dissolved	Water	7196A	
880-34041-9	MW-007A-W-20231004	Dissolved	Water	7196A	
880-34041-10	MW-011A-W-20231004	Dissolved	Water	7196A	
880-34041-11	DUP-02-W-20231004	Dissolved	Water	7196A	
MB 880-64068/3	Method Blank	Total/NA	Water	7196A	
LCS 880-64068/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-64068/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-34041-4 MS	MW-069-W-20231004	Dissolved	Water	7196A	
880-34041-4 MSD	MW-069-W-20231004	Dissolved	Water	7196A	

Analysis Batch: 125399

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34041-1	MW-032-W-20231004	Total/NA	Water	SM 2540C	
880-34041-2	MW-061-W-20231004	Total/NA	Water	SM 2540C	
880-34041-3	MW-068-W-20231004	Total/NA	Water	SM 2540C	
880-34041-4	MW-069-W-20231004	Total/NA	Water	SM 2540C	
880-34041-5	MW-095-W-20231004	Total/NA	Water	SM 2540C	
880-34041-6	MW-13-W-20231004	Total/NA	Water	SM 2540C	
880-34041-7	MW-070-W-20231004	Total/NA	Water	SM 2540C	
880-34041-8	MW-047-W-20231004	Total/NA	Water	SM 2540C	
880-34041-9	MW-007A-W-20231004	Total/NA	Water	SM 2540C	
880-34041-10	MW-011A-W-20231004	Total/NA	Water	SM 2540C	
880-34041-11	DUP-02-W-20231004	Total/NA	Water	SM 2540C	
MB 860-125399/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-125399/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-125399/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-125399/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-34041-1 DU	MW-032-W-20231004	Total/NA	Water	SM 2540C	
880-34041-2 DU	MW-061-W-20231004	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-032-W-20231004

Lab Sample ID: 880-34041-1
Matrix: Water
Date Collected: 10/04/23 09:40
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	125993	10/13/23 01:24	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 15:46	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63989	10/05/23 07:57	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-061-W-20231004

Lab Sample ID: 880-34041-2
Matrix: Water
Date Collected: 10/04/23 10:00
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	125993	10/13/23 01:44	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:05	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	63989	10/05/23 07:57	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-068-W-20231004

Lab Sample ID: 880-34041-3
Matrix: Water
Date Collected: 10/04/23 10:15
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10	0 mL	1.0 mL	125993	10/13/23 02:24	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:07	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	63989	10/05/23 07:57	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-069-W-20231004

Lab Sample ID: 880-34041-4
Matrix: Water
Date Collected: 10/04/23 10:40
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0	DL	100			126296	10/14/23 02:40	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:09	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-095-W-20231004

Lab Sample ID: 880-34041-5
Matrix: Water
Date Collected: 10/04/23 11:10
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125993	10/13/23 05:54	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:11	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		20			125706	10/10/23 13:45	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-13-W-20231004

Lab Sample ID: 880-34041-6
Matrix: Water
Date Collected: 10/04/23 11:30
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125993	10/13/23 05:14	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:14	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-070-W-20231004

Lab Sample ID: 880-34041-7
Matrix: Water
Date Collected: 10/04/23 12:55
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125993	10/13/23 05:24	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:16	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-047-W-20231004

Lab Sample ID: 880-34041-8
Matrix: Water
Date Collected: 10/04/23 13:10
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125993	10/13/23 05:34	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:18	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Client Sample ID: MW-007A-W-20231004

Lab Sample ID: 880-34041-9
Matrix: Water
Date Collected: 10/04/23 13:30
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 07:51	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:20	DP	EET HOU
Dissolved	Analysis	7196A		10	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: MW-011A-W-20231004

Lab Sample ID: 880-34041-10
Matrix: Water
Date Collected: 10/04/23 13:45
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125869	10/13/23 03:12	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125398	10/09/23 09:30	MD	EET HOU
Dissolved	Analysis	6020A		1			125622	10/09/23 16:23	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Client Sample ID: DUP-02-W-20231004

Lab Sample ID: 880-34041-11
Matrix: Water
Date Collected: 10/04/23 00:00
Date Received: 10/04/23 16:59

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125869	10/13/23 03:23	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 16:48	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64068	10/05/23 09:10	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125399	10/09/23 09:24	SA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-53	06-30-24

Method Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34041-1
SDG: Lea County NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34041-1	MW-032-W-20231004	Water	10/04/23 09:40	10/04/23 16:59
880-34041-2	MW-061-W-20231004	Water	10/04/23 10:00	10/04/23 16:59
880-34041-3	MW-068-W-20231004	Water	10/04/23 10:15	10/04/23 16:59
880-34041-4	MW-069-W-20231004	Water	10/04/23 10:40	10/04/23 16:59
880-34041-5	MW-095-W-20231004	Water	10/04/23 11:10	10/04/23 16:59
880-34041-6	MW-13-W-20231004	Water	10/04/23 11:30	10/04/23 16:59
880-34041-7	MW-070-W-20231004	Water	10/04/23 12:55	10/04/23 16:59
880-34041-8	MW-047-W-20231004	Water	10/04/23 13:10	10/04/23 16:59
880-34041-9	MW-007A-W-20231004	Water	10/04/23 13:30	10/04/23 16:59
880-34041-10	MW-011A-W-20231004	Water	10/04/23 13:45	10/04/23 16:59
880-34041-11	DUP-02-W-20231004	Water	10/04/23 00:00	10/04/23 16:59

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: Heath Boyd	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-6968-983 2
Client Contact: ~~Andrew DeMarco~~ Nadia Cintron Franqui	Phone: 575-390-4618	E-Mail: John Builes@et.eurofinsus com	State of Origin: NM	Page: ~~Page 2 of 4~~ Page 1 of 1
Company: ARCADIS US Inc	PWSID:	Analysis Requested		Job #: 34041
Address: 1004 North Big Spring Suite 300	Due Date Requested:			Preservation Codes
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-7339	PO #: Purchase Order not required			
Email: Nadia.CintronFranqui@arcadis.com ~~Andrew.DeMarco@arcadis.com~~	WO #:			
Project Name: Eunice North	Project #: ~~88000209~~ 30180473			
Site: Lea County, NM	SSOW#:			

880-34041 Chain of Custody

J DI Water
K EDTA
L EDA
W pH 4-5
Y Trizma
Z other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	D	N	A	A		
MW-032-W-20231004	10/4/23	0940	G	Water			X	X	X				
MW-061-W-20231004	10/4/23	1000		Water			X	X	X				
MW-068-W-20231004	10/4/23	1015		Water			X	X	X				
MW-069-W-20231004	10/4/23	1040		Water			X	X	X				
MW-095-W-20231004	10/4/23	1110		Water			X	X	X				
MW-073-W-20231004	10/4/23	1130		Water			X	X	X				
MW-070-W-20231004	10/4/23	1255		Water			X	X	X				
MW-047-W-20231004	10/4/23	1310		Water			X	X	X				
MW-007A-W-20231004	10/4/23	1330		Water			X	X	X				
MW-011A-W-20231004	10/4/23	1345		Water			X	X	X				
DUP-02-W-20231004	10/4/23	n/a	X	Water			X	X	X				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by:	Date/Time	Company	Received by:	Date/Time	Company
Michael Rodriguez	10/04/23 / 1659	Arcadis			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/04/23 1659	Company
Relinquished by:	Date/Time.	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.
		8.6/8.9 IR

Ver: 01/16/2019

Received by OCD: 3/13/2024 8:06:07 PM
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10/17/2023
Page 26 of 28
Released to Imaging: 4/30/2024 9:27:34 AM

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-34041-1
SDG Number: Lea County NM

Login Number: 34041
List Number: 1
Creator: Kramer, Jessica

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-34041-1
SDG Number: Lea County NM

Login Number: 34041
List Number: 2
Creator: Baker, Jeremiah

List Source: Eurofins Houston
List Creation: 10/06/23 01:41 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Sonja Zabienski
ARCADIS US Inc
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 10/16/2023 11:34:33 PM

JOB DESCRIPTION

Eunice Project
SDG NUMBER Lea County, NM

JOB NUMBER

880-34083-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

Released to Imaging: 4/30/2024 9:27:54 AM

Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/16/2023 11:34:33 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: ARCADIS US Inc
Project/Site: Eunice Project

Laboratory Job ID: 880-34083-1
SDG: Lea County, NM

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Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Job ID: 880-34083-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-34083-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/5/2023 4:31 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 23.0°C

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-023-W-20231005 (880-34083-1), MW-050SA-W-20231005 (880-34083-2), MW-056SA-W-20231005 (880-34083-4), MW-085SA-W-20231005 (880-34083-5), MW-084SA-W-20231005 (880-34083-6), MW-075SA-W-20231005 (880-34083-7), MW-100-W-20231005 (880-34083-8) and MW-086SA-W-20231005 (880-34083-10). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Released to Imaging: 4/30/2024 9:27:34 AM

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-023-W-20231005

Lab Sample ID: 880-34083-1
Matrix: Water
Date Collected: 10/05/23 09:25
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	668		5.00	2.50	mg/L			10/13/23 03:45	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00778		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:57	1
Chromium	3.36		0.0800	0.0112	mg/L		10/10/23 11:00	10/11/23 15:34	20
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:57	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2950		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.59		0.200	0.0540	mg/L			10/06/23 07:55	20

Client Sample ID: MW-050SA-W-20231005

Lab Sample ID: 880-34083-2
Matrix: Water
Date Collected: 10/05/23 09:50
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873		5.00	2.50	mg/L			10/13/23 04:28	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0102		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:59	1
Chromium	0.270		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 16:59	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:59	1
Manganese	0.00185	J	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3410		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.249		0.0100	0.00270	mg/L			10/06/23 07:55	1

Client Sample ID: MW-057SA-W-20231005

Lab Sample ID: 880-34083-3
Matrix: Water
Date Collected: 10/05/23 10:00
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	299		0.500	0.250	mg/L			10/13/23 04:38	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0129		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:02	1
Chromium	0.0130		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:02	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-057SA-W-20231005

Lab Sample ID: 880-34083-3
Matrix: Water
Date Collected: 10/05/23 10:00
Date Received: 10/05/23 16:31

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:02	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1570		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00854	J	0.0100	0.00270	mg/L			10/06/23 07:55	1

Client Sample ID: MW-056SA-W-20231005

Lab Sample ID: 880-34083-4
Matrix: Water
Date Collected: 10/05/23 10:15
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	682		5.00	2.50	mg/L			10/13/23 05:10	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0132		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:09	1
Chromium	0.333		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:09	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:09	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2820		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.301		0.0100	0.00270	mg/L			10/06/23 07:55	1

Client Sample ID: MW-085SA-W-20231005

Lab Sample ID: 880-34083-5
Matrix: Water
Date Collected: 10/05/23 11:45
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1080		5.00	2.50	mg/L			10/13/23 05:32	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0173		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:11	1
Chromium	0.0170		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:11	1
Iron	0.0668	J	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:11	1
Manganese	0.0724		0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3280		40.0	40.0	mg/L			10/10/23 09:19	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-085SA-W-20231005
Lab Sample ID: 880-34083-5
Date Collected: 10/05/23 11:45
Matrix: Water
Date Received: 10/05/23 16:31

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00406	J	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-084SA-W-20231005
Lab Sample ID: 880-34083-6
Date Collected: 10/05/23 12:00
Matrix: Water
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	927		5.00	2.50	mg/L			10/13/23 05:53	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0114		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:13	1
Chromium	0.0133		0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:13	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:13	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3860		40.0	40.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00804	J	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-075SA-W-20231005
Lab Sample ID: 880-34083-7
Date Collected: 10/05/23 12:10
Matrix: Water
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	520		5.00	2.50	mg/L			10/13/23 06:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0120		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:28	1
Chromium	0.0181		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:28	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:28	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2010		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0145		0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-100-W-20231005

Lab Sample ID: 880-34083-8
Matrix: Water
Date Collected: 10/05/23 12:35
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**623**		5.00	2.50	mg/L			10/13/23 07:30	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00851**		0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:15	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:15	1
Manganese	**0.612**		0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1890**		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-073SA-W-20231005

Lab Sample ID: 880-34083-9
Matrix: Water
Date Collected: 10/05/23 13:00
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**267**		0.500	0.250	mg/L			10/13/23 06:47	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0107**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:30	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:30	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:30	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1120**		10.0	10.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 09:27	1

Client Sample ID: MW-086SA-W-20231005

Lab Sample ID: 880-34083-10
Matrix: Water
Date Collected: 10/05/23 13:15
Date Received: 10/05/23 16:31

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**586**		5.00	2.50	mg/L			10/13/23 08:34	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0119**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:32	1
Chromium	**0.0256**		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:32	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-086SA-W-20231005

Lab Sample ID: 880-34083-10
Date Collected: 10/05/23 13:15
Matrix: Water
Date Received: 10/05/23 16:31

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:32	1
Manganese	**0.00191**	**J**	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2220**		20.0	20.0	mg/L			10/10/23 09:19	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.0200**		0.0100	0.00270	mg/L			10/06/23 09:27	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-125869/171
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/13/23 02:08	1

Lab Sample ID: MB 860-125869/3
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/11/23 15:27	1

Lab Sample ID: LCS 860-125869/172
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.888		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-125869/173
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.876		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-125869/7
Matrix: Water
Analysis Batch: 125869

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5316		mg/L		106	50 - 150

Lab Sample ID: 880-34083-9 MS
Matrix: Water
Analysis Batch: 125869

Client Sample ID: MW-073SA-W-20231005
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	267		10.0	276.8	4	mg/L		96	90 - 110

Lab Sample ID: 880-34083-9 MSD
Matrix: Water
Analysis Batch: 125869

Client Sample ID: MW-073SA-W-20231005
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	267		10.0	276.6	4	mg/L		94	90 - 110	0	15

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-125640/1-A
Matrix: Water
Analysis Batch: 125706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125640

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 16:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 16:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 16:18	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 16:18	1

Lab Sample ID: LCS 860-125640/2-A
Matrix: Water
Analysis Batch: 125706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125640

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09713		mg/L		97	80 - 120
Chromium	0.100	0.09546		mg/L		95	80 - 120
Iron	0.500	0.4762		mg/L		95	80 - 120
Manganese	0.100	0.09820		mg/L		98	80 - 120

Lab Sample ID: MB 860-125657/1-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 14:24	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 14:24	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 14:24	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 14:24	1

Lab Sample ID: LCS 860-125657/2-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09260		mg/L		93	80 - 120
Chromium	0.100	0.09250		mg/L		92	80 - 120
Iron	0.500	0.4786		mg/L		96	80 - 120
Manganese	0.100	0.09490		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-125657/3-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125657

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	0.100	0.09214		mg/L		92	80 - 120	0	20
Chromium	0.100	0.09317		mg/L		93	80 - 120	1	20
Iron	0.500	0.4824		mg/L		96	80 - 120	1	20
Manganese	0.100	0.09606		mg/L		96	80 - 120	1	20

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LB 860-125486/1-C
Matrix: Water
Analysis Batch: 125706

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 125640

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/10/23 11:00	10/10/23 17:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 11:00	10/10/23 17:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 11:00	10/10/23 17:18	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 11:00	10/10/23 17:18	1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-64081/3
Matrix: Water
Analysis Batch: 64081

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 07:55	1

Lab Sample ID: LCS 880-64081/4
Matrix: Water
Analysis Batch: 64081

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.04138		mg/L		103	85 - 115		

Lab Sample ID: LCSD 880-64081/5
Matrix: Water
Analysis Batch: 64081

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04138		mg/L		103	85 - 115	0	20

Lab Sample ID: MB 880-64109/3
Matrix: Water
Analysis Batch: 64109

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 09:27	1

Lab Sample ID: LCS 880-64109/4
Matrix: Water
Analysis Batch: 64109

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.03989		mg/L		100	85 - 115		

Lab Sample ID: LCSD 880-64109/5
Matrix: Water
Analysis Batch: 64109

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.03989		mg/L		100	85 - 115	0	20

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: 880-34083-1 MS
Matrix: Water
Analysis Batch: 64081

Client Sample ID: MW-023-W-20231005
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	3.59		4.00	7.784		mg/L		105	85 - 115

Lab Sample ID: 880-34083-1 MSD
Matrix: Water
Analysis Batch: 64081

Client Sample ID: MW-023-W-20231005
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	3.59		4.00	7.784		mg/L		105	85 - 115	0	20

Lab Sample ID: 880-34083-5 MS
Matrix: Water
Analysis Batch: 64109

Client Sample ID: MW-085SA-W-20231005
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	0.00406	J	0.200	0.1917		mg/L		94	85 - 115

Lab Sample ID: 880-34083-5 MSD
Matrix: Water
Analysis Batch: 64109

Client Sample ID: MW-085SA-W-20231005
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.00406	J	0.200	0.1917		mg/L		94	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-125604/1
Matrix: Water
Analysis Batch: 125604

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			10/10/23 09:19	1

Lab Sample ID: LCS 860-125604/2
Matrix: Water
Analysis Batch: 125604

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	983.0		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-125604/3
Matrix: Water
Analysis Batch: 125604

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	998.0		mg/L		100	80 - 120	2	10

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 880-34083-1 DU
Matrix: Water
Analysis Batch: 125604

Client Sample ID: MW-023-W-20231005
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2950			2976		mg/L				0.9	10

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

HPLC/IC

Analysis Batch: 125869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-1	MW-023-W-20231005	Total/NA	Water	300.0	
880-34083-2	MW-050SA-W-20231005	Total/NA	Water	300.0	
880-34083-3	MW-057SA-W-20231005	Total/NA	Water	300.0	
880-34083-4	MW-056SA-W-20231005	Total/NA	Water	300.0	
880-34083-5	MW-085SA-W-20231005	Total/NA	Water	300.0	
880-34083-6	MW-084SA-W-20231005	Total/NA	Water	300.0	
880-34083-7	MW-075SA-W-20231005	Total/NA	Water	300.0	
880-34083-8	MW-100-W-20231005	Total/NA	Water	300.0	
880-34083-9	MW-073SA-W-20231005	Total/NA	Water	300.0	
880-34083-10	MW-086SA-W-20231005	Total/NA	Water	300.0	
MB 860-125869/171	Method Blank	Total/NA	Water	300.0	
MB 860-125869/3	Method Blank	Total/NA	Water	300.0	
LCS 860-125869/172	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-125869/173	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-125869/7	Lab Control Sample	Total/NA	Water	300.0	
880-34083-9 MS	MW-073SA-W-20231005	Total/NA	Water	300.0	
880-34083-9 MSD	MW-073SA-W-20231005	Total/NA	Water	300.0	

Metals

Leach Batch: 125486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-125486/1-C	Method Blank	Dissolved	Water	1312	

Prep Batch: 125640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-1	MW-023-W-20231005	Dissolved	Water	3010A	
880-34083-2	MW-050SA-W-20231005	Dissolved	Water	3010A	
880-34083-3	MW-057SA-W-20231005	Dissolved	Water	3010A	
880-34083-4	MW-056SA-W-20231005	Dissolved	Water	3010A	
880-34083-5	MW-085SA-W-20231005	Dissolved	Water	3010A	
880-34083-6	MW-084SA-W-20231005	Dissolved	Water	3010A	
880-34083-8	MW-100-W-20231005	Dissolved	Water	3010A	
LB 860-125486/1-C	Method Blank	Dissolved	Water	3010A	125486
MB 860-125640/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125640/2-A	Lab Control Sample	Total/NA	Water	3010A	

Prep Batch: 125657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-7	MW-075SA-W-20231005	Dissolved	Water	3010A	
880-34083-9	MW-073SA-W-20231005	Dissolved	Water	3010A	
880-34083-10	MW-086SA-W-20231005	Dissolved	Water	3010A	
MB 860-125657/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125657/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-125657/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 125706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-1	MW-023-W-20231005	Dissolved	Water	6020A	125640
880-34083-2	MW-050SA-W-20231005	Dissolved	Water	6020A	125640
880-34083-3	MW-057SA-W-20231005	Dissolved	Water	6020A	125640

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Metals (Continued)

Analysis Batch: 125706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-4	MW-056SA-W-20231005	Dissolved	Water	6020A	125640
880-34083-5	MW-085SA-W-20231005	Dissolved	Water	6020A	125640
880-34083-6	MW-084SA-W-20231005	Dissolved	Water	6020A	125640
880-34083-8	MW-100-W-20231005	Dissolved	Water	6020A	125640
LB 860-125486/1-C	Method Blank	Dissolved	Water	6020A	125640
MB 860-125640/1-A	Method Blank	Total/NA	Water	6020A	125640
LCS 860-125640/2-A	Lab Control Sample	Total/NA	Water	6020A	125640

Analysis Batch: 125885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-1	MW-023-W-20231005	Dissolved	Water	6020A	125640
880-34083-7	MW-075SA-W-20231005	Dissolved	Water	6020A	125657
880-34083-9	MW-073SA-W-20231005	Dissolved	Water	6020A	125657
880-34083-10	MW-086SA-W-20231005	Dissolved	Water	6020A	125657
MB 860-125657/1-A	Method Blank	Total/NA	Water	6020A	125657
LCS 860-125657/2-A	Lab Control Sample	Total/NA	Water	6020A	125657
LCSD 860-125657/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	125657

General Chemistry

Analysis Batch: 64081

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-1	MW-023-W-20231005	Dissolved	Water	7196A	
880-34083-2	MW-050SA-W-20231005	Dissolved	Water	7196A	
880-34083-3	MW-057SA-W-20231005	Dissolved	Water	7196A	
880-34083-4	MW-056SA-W-20231005	Dissolved	Water	7196A	
MB 880-64081/3	Method Blank	Total/NA	Water	7196A	
LCS 880-64081/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-64081/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-34083-1 MS	MW-023-W-20231005	Dissolved	Water	7196A	
880-34083-1 MSD	MW-023-W-20231005	Dissolved	Water	7196A	

Analysis Batch: 64109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-5	MW-085SA-W-20231005	Dissolved	Water	7196A	
880-34083-6	MW-084SA-W-20231005	Dissolved	Water	7196A	
880-34083-7	MW-075SA-W-20231005	Dissolved	Water	7196A	
880-34083-8	MW-100-W-20231005	Dissolved	Water	7196A	
880-34083-9	MW-073SA-W-20231005	Dissolved	Water	7196A	
880-34083-10	MW-086SA-W-20231005	Dissolved	Water	7196A	
MB 880-64109/3	Method Blank	Total/NA	Water	7196A	
LCS 880-64109/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-64109/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-34083-5 MS	MW-085SA-W-20231005	Dissolved	Water	7196A	
880-34083-5 MSD	MW-085SA-W-20231005	Dissolved	Water	7196A	

Analysis Batch: 125604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-1	MW-023-W-20231005	Total/NA	Water	SM 2540C	
880-34083-2	MW-050SA-W-20231005	Total/NA	Water	SM 2540C	
880-34083-3	MW-057SA-W-20231005	Total/NA	Water	SM 2540C	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

General Chemistry (Continued)

Analysis Batch: 125604 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34083-4	MW-056SA-W-20231005	Total/NA	Water	SM 2540C	
880-34083-5	MW-085SA-W-20231005	Total/NA	Water	SM 2540C	
880-34083-6	MW-084SA-W-20231005	Total/NA	Water	SM 2540C	
880-34083-7	MW-075SA-W-20231005	Total/NA	Water	SM 2540C	
880-34083-8	MW-100-W-20231005	Total/NA	Water	SM 2540C	
880-34083-9	MW-073SA-W-20231005	Total/NA	Water	SM 2540C	
880-34083-10	MW-086SA-W-20231005	Total/NA	Water	SM 2540C	
MB 860-125604/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-125604/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-125604/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-34083-1 DU	MW-023-W-20231005	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-023-W-20231005
Date Collected: 10/05/23 09:25
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 03:45	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 16:57	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		20			125885	10/11/23 15:34	DP	EET HOU
Dissolved	Analysis	7196A		20	97 mL	100 mL	64081	10/06/23 07:55	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-050SA-W-20231005
Date Collected: 10/05/23 09:50
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 04:28	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 16:59	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64081	10/06/23 07:55	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-057SA-W-20231005
Date Collected: 10/05/23 10:00
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125869	10/13/23 04:38	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 17:02	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64081	10/06/23 07:55	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-056SA-W-20231005
Date Collected: 10/05/23 10:15
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 05:10	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 17:09	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64081	10/06/23 07:55	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-085SA-W-20231005
Date Collected: 10/05/23 11:45
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 05:32	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 17:11	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64109	10/06/23 09:27	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-084SA-W-20231005
Date Collected: 10/05/23 12:00
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 05:53	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 17:13	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64109	10/06/23 09:27	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-075SA-W-20231005
Date Collected: 10/05/23 12:10
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 06:36	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:28	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64109	10/06/23 09:27	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-100-W-20231005
Date Collected: 10/05/23 12:35
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 07:30	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125640	10/10/23 11:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125706	10/10/23 17:15	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64109	10/06/23 09:27	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Client Sample ID: MW-073SA-W-20231005

Date Collected: 10/05/23 13:00
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			125869	10/13/23 06:47	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:30	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64109	10/06/23 09:27	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Client Sample ID: MW-086SA-W-20231005

Date Collected: 10/05/23 13:15
Date Received: 10/05/23 16:31

Lab Sample ID: 880-34083-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			125869	10/13/23 08:34	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:32	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64109	10/06/23 09:27	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125604	10/10/23 09:19	SA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-53	06-30-24

Method Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS US Inc
Project/Site: Eunice Project

Job ID: 880-34083-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34083-1	MW-023-W-20231005	Water	10/05/23 09:25	10/05/23 16:31
880-34083-2	MW-050SA-W-20231005	Water	10/05/23 09:50	10/05/23 16:31
880-34083-3	MW-057SA-W-20231005	Water	10/05/23 10:00	10/05/23 16:31
880-34083-4	MW-056SA-W-20231005	Water	10/05/23 10:15	10/05/23 16:31
880-34083-5	MW-085SA-W-20231005	Water	10/05/23 11:45	10/05/23 16:31
880-34083-6	MW-084SA-W-20231005	Water	10/05/23 12:00	10/05/23 16:31
880-34083-7	MW-075SA-W-20231005	Water	10/05/23 12:10	10/05/23 16:31
880-34083-8	MW-100-W-20231005	Water	10/05/23 12:35	10/05/23 16:31
880-34083-9	MW-073SA-W-20231005	Water	10/05/23 13:00	10/05/23 16:31
880-34083-10	MW-086SA-W-20231005	Water	10/05/23 13:15	10/05/23 16:31

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

34083

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
	Heath Boyd	Builes John		880-6968-983 3
Client Contact: ~~Andrew DeMarco~~ Nadia Cinton Franqui	Phone 575-390-4618	E-Mail John.Builes@et.eurofinsus.com	State of Origin NM	Page ~~3 of 4~~ 1 of 1
Company ARCADIS US Inc	PWSID			Job #:
Address 1004 North Big Spring Suite 300	Due Date Requested			
City Midland	TAT Requested (days) Standard			
State Zip TX 79701	Compliance Project Δ Yes Δ No			
Phone: 934-449-2339	PO #: Purchase Order not required			
Email: Nadia.CintronFranqui@arcadis.com ~~Andrew.DeMarco@arcadis.com~~	WO #:			
Project Name Eunice North	Project # ~~88000209~~ 30180473			
Site Lea County, NM	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A		
MW-023-W-20231005	10/5/23	0925	G	Water			X	X	X				
MW-050SA-W-20231005	10/5/23	0950		Water			X	X	X				
MW-057SA-W-20231005	10/5/23	1000		Water			X	X	X				
MW-056SA-W-20231005	10/5/23	1015		Water			X	X	X				
MW-085SA-W-20231005	10/5/23	1145		Water			X	X	X				
MW-084SA-W-20231005	10/5/23	1200		Water			X	X	X				
MW-075SA-W-20231005	10/5/23	1210		Water			X	X	X				
MW-100-W-20231005	10/5/23	1235		Water			X	X	X				
MW-073SA-W-20231005	10/5/23	1300		Water			X	X	X				
MW-086SA-W-20231005	10/5/23	1315	X	Water			X	X	X				
				Water									

880-34083 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/05/23 / 1631	Arcadis		10/5/23 1631	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks
		22.9 | 23.0

Ver: 01/16/2019

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Received by OCD: 3/13/2024 8:06:07 PM
10/16/2023
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Released to Imaging: 4/30/2024 9:27:34 AM

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

Eurofins | Environment Testing

880-34083 Chain of Custody

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	4.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.c...	of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas	Job #: 880-34083-1
Address: 4145 Greenbriar Dr	Due Date Requested: 10/11/2023		
City: Stafford	TAT Requested (days):		
State, Zip: TX, 77477			
Phone: 281-240-4200(Tel)	PO #:		
Email:	WO #:		
Project Name: Eunice Project	Project #: 88000209		
Site:	SSOW#:		

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-023-W-20231005 (880-34083-1)	10/5/23	09:25 Central		Water			X	X	X	3	
MW-050SA-W-20231005 (880-34083-2)	10/5/23	09:50 Central		Water			X	X	X	3	
MW-057SA-W-20231005 (880-34083-3)	10/5/23	10:00 Central		Water			X	X	X	3	
MW-056SA-W-20231005 (880-34083-4)	10/5/23	10:15 Central		Water			X	X	X	3	
MW-085SA-W-20231005 (880-34083-5)	10/5/23	11:45 Central		Water			X	X	X	3	
MW-084SA-W-20231005 (880-34083-6)	10/5/23	12:00 Central		Water			X	X	X	3	
MW-075SA-W-20231005 (880-34083-7)	10/5/23	12:10 Central		Water			X	X	X	3	
MW-100-W-20231005 (880-34083-8)	10/5/23	12:35 Central		Water			X	X	X	3	
MW-075SA-W-20231005 (880-34083-9)	10/5/23	13:00 Central		Water			X	X	X	3	

Temp: 3.1 IR ID:HOU-369
C/F:-0.0
Corrected Temp: 3.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 10/7/23 11:17	Company: Eurofins
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.
	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 3/13/2024 8:06:07 PM

Released to Imaging: 4/30/2024 9:27:34 AM

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-8104.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-34083-1
Address: 4145 Greenbriar Dr	Due Date Requested: 10/11/2023			
City: Stafford	TAT Requested (days):			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email	WO #:			
Project Name: Eunice Project	Project #: 88000209			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-086SA-W-20231005 (880-34083-10)	10/5/23	13 15 Central		Water			X	X	X	3	

Temp: 3.1 IR ID:HOU-369
C/F:-0.0
Corrected Temp: 3.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shi laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1					10/7/23 11:17	Eurofins
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 3/13/2024 8:06:07 PM

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Released to Imaging: 4/30/2024 9:27:34 AM

10/16/2023



After printing this label
1 Use the 'Print' button on this page to print your label to your laser or inkjet printer
2. Fold the printed page along the horizontal line
3 Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned

Warning Use only the printed original label for shipping Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges along with the cancellation of your FedEx account number
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package whether the result of loss damage delay non-delivery,misdelivery,or misinformation unless you declare a higher value pay an additional charge document your actual loss and file a timely claim Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss including intrinsic value of the package, loss of sales income interest, profit, attorney's fees, costs and other forms of damage whether direct, incidental,consequential or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1 000, e.g. jewelry precious metals negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits see current FedEx Service Guide.

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-34083-1
SDG Number: Lea County, NM

Login Number: 34083
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-34083-1
SDG Number: Lea County, NM

Login Number: 34083
List Number: 2
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 10/07/23 12:39 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Sonja Zabienski
ARCADIS US Inc
1004 North Big Spring
Suite 300
Midland, Texas 79701

Generated 10/16/2023 11:38:47 PM

JOB DESCRIPTION

Eunice North
SDG NUMBER Lea County, NM

JOB NUMBER

880-34109-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Client: ARCADIS US Inc
Project/Site: Eunice North

Laboratory Job ID: 880-34109-1
SDG: Lea County, NM

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Definitions/Glossary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Job ID: 880-34109-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-34109-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers are applied to indicate exceptions. Noncompliant quality control (QC) is further explained in narrative comments.

Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 10/6/2023 1:54 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.8°C

HPLC/IC
Method 300_ORGFM_28D: The instrument blank/CCB for analytical batch 860-126296 contained Chloride greater than the method detection limit (MDL), and were not reanalyzed because associated sample(s) results were greater than 10X the value found in the instrument blank/CCB. The data have been reported.

Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-053SA-W-20231006 (880-34109-2), MW-049SA-W-20231006 (880-34109-3), MW-054SA-W-20231006 (880-34109-4) and DUP-03-W-20231006 (880-34109-5). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: MW-067SA-W-20231006

Lab Sample ID: 880-34109-1
Matrix: Water
Date Collected: 10/06/23 09:10
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**		0.500	0.250	mg/L			10/14/23 14:59	1

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0173**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:16	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:16	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:16	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**982**		10.0	10.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: MW-053SA-W-20231006

Lab Sample ID: 880-34109-2
Matrix: Water
Date Collected: 10/06/23 09:30
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**610**		5.00	2.50	mg/L			10/14/23 16:36	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0107**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:19	1
Chromium	**0.00214**	**J**	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:19	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:19	1
Manganese	**0.00194**	**J**	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2140**		20.0	20.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: MW-049SA-W-20231006

Lab Sample ID: 880-34109-3
Matrix: Water
Date Collected: 10/06/23 09:50
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1060**		5.00	2.50	mg/L			10/14/23 16:57	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0114**		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:23	1
Chromium	**0.263**		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:23	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: MW-049SA-W-20231006
Lab Sample ID: 880-34109-3
Date Collected: 10/06/23 09:50
Matrix: Water
Date Received: 10/06/23 13:54

Method: SW846 6020A - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:23	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2940		40.0	40.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.260		0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: MW-054SA-W-20231006
Lab Sample ID: 880-34109-4
Date Collected: 10/06/23 10:00
Matrix: Water
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00	2.50	mg/L			10/14/23 17:40	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0101		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:21	1
Chromium	0.111		0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:21	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:21	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2240		20.0	20.0	mg/L			10/10/23 09:43	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.109		0.0100	0.00270	mg/L			10/06/23 18:47	1

Client Sample ID: DUP-03-W-20231006
Lab Sample ID: 880-34109-5
Date Collected: 10/06/23 00:00
Matrix: Water
Date Received: 10/06/23 13:54

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	639		5.00	2.50	mg/L			10/14/23 18:02	10

Method: SW846 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0116		0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 15:25	1
Chromium	0.00233	J	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 15:25	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 15:25	1
Manganese	0.00210		0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 15:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1970		20.0	20.0	mg/L			10/10/23 09:43	1

Client Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: DUP-03-W-20231006

Date Collected: 10/06/23 00:00
Date Received: 10/06/23 13:54

Lab Sample ID: 880-34109-5

Matrix: Water

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-126296/112
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/14/23 13:34	1

Lab Sample ID: MB 860-126296/3
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			10/13/23 16:42	1

Lab Sample ID: LCS 860-126296/113
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.076		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-126296/114
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5.00	5.099		mg/L		102	90 - 110	0	20

Lab Sample ID: LLCS 860-126296/7
Matrix: Water
Analysis Batch: 126296

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5241		mg/L		105	50 - 150

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-125657/1-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		10/10/23 12:00	10/11/23 14:24	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/10/23 12:00	10/11/23 14:24	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/10/23 12:00	10/11/23 14:24	1
Manganese	<0.000759	U	0.00200	0.000759	mg/L		10/10/23 12:00	10/11/23 14:24	1

Lab Sample ID: LCS 860-125657/2-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.09260		mg/L		93	80 - 120
Chromium	0.100	0.09250		mg/L		92	80 - 120
Iron	0.500	0.4786		mg/L		96	80 - 120

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 860-125657/2-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Manganese			0.100	0.09490		mg/L		95	80 - 120		

Lab Sample ID: LCSD 860-125657/3-A
Matrix: Water
Analysis Batch: 125885

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125657

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09214		mg/L		92	80 - 120	0	20
Chromium			0.100	0.09317		mg/L		93	80 - 120	1	20
Iron			0.500	0.4824		mg/L		96	80 - 120	1	20
Manganese			0.100	0.09606		mg/L		96	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-64164/3
Matrix: Water
Analysis Batch: 64164

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00270	U	0.0100	0.00270	mg/L			10/06/23 18:47	1

Lab Sample ID: LCS 880-64164/4
Matrix: Water
Analysis Batch: 64164

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.04138		mg/L		103	85 - 115		

Lab Sample ID: LCSD 880-64164/5
Matrix: Water
Analysis Batch: 64164

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.04138		mg/L		103	85 - 115	0	20

Lab Sample ID: 880-34109-1 MS
Matrix: Water
Analysis Batch: 64164

Client Sample ID: MW-067SA-W-20231006
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	<0.00270	U	0.200	0.2021		mg/L		101	85 - 115		

Lab Sample ID: 880-34109-1 MSD
Matrix: Water
Analysis Batch: 64164

Client Sample ID: MW-067SA-W-20231006
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	<0.00270	U	0.200	0.2021		mg/L		101	85 - 115	0	20

QC Sample Results

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-125609/1
Matrix: Water
Analysis Batch: 125609

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00	5.00	mg/L			10/10/23 09:43	1

Lab Sample ID: LCS 860-125609/2
Matrix: Water
Analysis Batch: 125609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	1094		mg/L		109	80 - 120		

Lab Sample ID: LCSD 860-125609/3
Matrix: Water
Analysis Batch: 125609

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1025		mg/L		103	80 - 120	7	10

Lab Sample ID: 880-34109-1 DU
Matrix: Water
Analysis Batch: 125609

Client Sample ID: MW-067SA-W-20231006
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	982			1052		mg/L				7	10

Lab Sample ID: 880-34109-2 DU
Matrix: Water
Analysis Batch: 125609

Client Sample ID: MW-053SA-W-20231006
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2140			2192		mg/L				2	10

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

HPLC/IC

Analysis Batch: 126296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34109-1	MW-067SA-W-20231006	Total/NA	Water	300.0	
880-34109-2	MW-053SA-W-20231006	Total/NA	Water	300.0	
880-34109-3	MW-049SA-W-20231006	Total/NA	Water	300.0	
880-34109-4	MW-054SA-W-20231006	Total/NA	Water	300.0	
880-34109-5	DUP-03-W-20231006	Total/NA	Water	300.0	
MB 860-126296/112	Method Blank	Total/NA	Water	300.0	
MB 860-126296/3	Method Blank	Total/NA	Water	300.0	
LCS 860-126296/113	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-126296/114	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-126296/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 125657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34109-1	MW-067SA-W-20231006	Dissolved	Water	3010A	
880-34109-2	MW-053SA-W-20231006	Dissolved	Water	3010A	
880-34109-3	MW-049SA-W-20231006	Dissolved	Water	3010A	
880-34109-4	MW-054SA-W-20231006	Dissolved	Water	3010A	
880-34109-5	DUP-03-W-20231006	Dissolved	Water	3010A	
MB 860-125657/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-125657/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-125657/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 125885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34109-1	MW-067SA-W-20231006	Dissolved	Water	6020A	125657
880-34109-2	MW-053SA-W-20231006	Dissolved	Water	6020A	125657
880-34109-3	MW-049SA-W-20231006	Dissolved	Water	6020A	125657
880-34109-4	MW-054SA-W-20231006	Dissolved	Water	6020A	125657
880-34109-5	DUP-03-W-20231006	Dissolved	Water	6020A	125657
MB 860-125657/1-A	Method Blank	Total/NA	Water	6020A	125657
LCS 860-125657/2-A	Lab Control Sample	Total/NA	Water	6020A	125657
LCSD 860-125657/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	125657

General Chemistry

Analysis Batch: 64164

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34109-1	MW-067SA-W-20231006	Dissolved	Water	7196A	
880-34109-2	MW-053SA-W-20231006	Dissolved	Water	7196A	
880-34109-3	MW-049SA-W-20231006	Dissolved	Water	7196A	
880-34109-4	MW-054SA-W-20231006	Dissolved	Water	7196A	
880-34109-5	DUP-03-W-20231006	Dissolved	Water	7196A	
MB 880-64164/3	Method Blank	Total/NA	Water	7196A	
LCS 880-64164/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-64164/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-34109-1 MS	MW-067SA-W-20231006	Dissolved	Water	7196A	
880-34109-1 MSD	MW-067SA-W-20231006	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

General Chemistry

Analysis Batch: 125609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-34109-1	MW-067SA-W-20231006	Total/NA	Water	SM 2540C	
880-34109-2	MW-053SA-W-20231006	Total/NA	Water	SM 2540C	
880-34109-3	MW-049SA-W-20231006	Total/NA	Water	SM 2540C	
880-34109-4	MW-054SA-W-20231006	Total/NA	Water	SM 2540C	
880-34109-5	DUP-03-W-20231006	Total/NA	Water	SM 2540C	
MB 860-125609/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-125609/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-125609/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-34109-1 DU	MW-067SA-W-20231006	Total/NA	Water	SM 2540C	
880-34109-2 DU	MW-053SA-W-20231006	Total/NA	Water	SM 2540C	

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: MW-067SA-W-20231006 — Lab Sample ID: 880-34109-1

Date Collected: 10/06/23 09:10 — **Matrix: Water**
Date Received: 10/06/23 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1			126296	10/14/23 14:59	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:16	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64164	10/06/23 18:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	125609	10/10/23 09:43	SA	EET HOU

Client Sample ID: MW-053SA-W-20231006 — Lab Sample ID: 880-34109-2

Date Collected: 10/06/23 09:30 — **Matrix: Water**
Date Received: 10/06/23 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			126296	10/14/23 16:36	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:19	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64164	10/06/23 18:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125609	10/10/23 09:43	SA	EET HOU

Client Sample ID: MW-049SA-W-20231006 — Lab Sample ID: 880-34109-3

Date Collected: 10/06/23 09:50 — **Matrix: Water**
Date Received: 10/06/23 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			126296	10/14/23 16:57	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:23	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64164	10/06/23 18:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	125609	10/10/23 09:43	SA	EET HOU

Client Sample ID: MW-054SA-W-20231006 — Lab Sample ID: 880-34109-4

Date Collected: 10/06/23 10:00 — **Matrix: Water**
Date Received: 10/06/23 13:54

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			126296	10/14/23 17:40	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:21	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64164	10/06/23 18:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125609	10/10/23 09:43	SA	EET HOU

Lab Chronicle

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Client Sample ID: DUP-03-W-20231006

Date Collected: 10/06/23 00:00
Date Received: 10/06/23 13:54

Lab Sample ID: 880-34109-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		10			126296	10/14/23 18:02	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	125657	10/10/23 12:00	MD	EET HOU
Dissolved	Analysis	6020A		1			125885	10/11/23 15:25	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	64164	10/06/23 18:47	SMC	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	125609	10/10/23 09:43	SA	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-23-26	06-30-24

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-23-53	06-30-24

Method Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
6020A	Metals (ICP/MS)	SW846	EET HOU
7196A	Chromium, Hexavalent	SW846	EET MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
3010A	Preparation, Total Metals	SW846	EET HOU

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: ARCADIS US Inc
Project/Site: Eunice North

Job ID: 880-34109-1
SDG: Lea County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-34109-1	MW-067SA-W-20231006	Water	10/06/23 09:10	10/06/23 13:54
880-34109-2	MW-053SA-W-20231006	Water	10/06/23 09:30	10/06/23 13:54
880-34109-3	MW-049SA-W-20231006	Water	10/06/23 09:50	10/06/23 13:54
880-34109-4	MW-054SA-W-20231006	Water	10/06/23 10:00	10/06/23 13:54
880-34109-5	DUP-03-W-20231006	Water	10/06/23 00:00	10/06/23 13:54

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins | Environment Testing

34109

Client Information	Sampler: Heath Boyd	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-6968-983 4
Client Contact: ~~Andrew DeMarco~~ Nadjie Cintron Franqui	Phone: 575-390-4618	E-Mail: John.Builes@et.eurofinsus.com	State of Origin: NM	Page: ~~Page 4 of 4~~ 1 of 1
Company: ARCADIS US Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days): Standard			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 939-489-2339	PO #: Purchase Order not required			
Email: nadjie.cintronfranqui@arcadis.com ~~Andrew.DeMarco@arcadis.com~~	WO #:			
Project Name: Eunice North	Project #: ~~88000200~~ 30180473			
Site: Lea County, NM	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D, 7196A	6020A - (MOD) Custom List	2540C_Calcd - Local Method	8015MOD_NM - (MOD) Full TPH	8021B - BTEX	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A		
MW-067SA-W-20231006	10/06/23	0910	G	Water			X	X	X				
MW-053SA-W-20231006	10/06/23	0930	|	Water			X	X	X				
MW-049SA-W-20231006	10/06/23	0950	|	Water			X	X	X				
MW-054SA-W-20231006	10/06/23	1000	|	Water			X	X	X				
DUP-03-W-20231006	10/06/23	n/a	X	Water			X	X	X				
				Water									
				Water									

880-34109 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II III IV Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Michael Rodriguez	10/06/23 / 1354	Arcadis		10/6/23	
Relinquished by	Date/Time	Company	Received by	Date/Time 1354	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:
		15.6 / 15.8

Ver: 01/16/2019

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10/16/2023
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Released to Imaging: 4/30/2024 9:27:34 AM

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

Eurofins | Environment Testing

880-34109 Chain of Custody

05.1

Page 1 of 1

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Job #: 880-34109-1
Client Contact: Shipping/Receiving	Phone:	E-Mail: John.Builes@et.eurofinsus.	
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas	
Address: 4145 Greenbriar Dr	Due Date Requested: 10/12/2023		
City: Stafford	TAT Requested (days):		
State, Zip: TX, 77477			
Phone: 281-240-4200(Tel)	PO #:		
Email:	WO #:		
Project Name: Eunice North	Project #: 88000209		
Site:	SSOW#:		

Analysis Requested

Preservation Codes.

A	HCL	M	Hexane
B	NaOH	N	None
C	Zn Acetate	O	AsNaO2
D	Nitric Acid	P	Na2O4S
E	NaHSO4	Q	Na2SO3
F	MeOH	R	Na2S2O3
G	Amchlor	S	H2SO4
H	Ascorbic Acid	T	TSP Dodecahydrate
	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Y	Trizma
		Z	other (specify)

Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solls, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	2540C_Calcd	Total Number of containers	Special Instructions/Note:
		Preservation Code:									
MW-067SA-W-20231006 (880-34109-1)	10/6/23	09:10 Central		Water			X	X	X	3	
MW-053SA-W-20231006 (880-34109-2)	10/6/23	09:30 Central		Water			X	X	X	2	
MW-049SA-W-20231006 (880-34109-3)	10/6/23	09:50 Central		Water			X	X	X	2	
MW-045SA-W-20231006 (880-34109-4)	10/6/23	10:00 Central		Water			X	X	X	2	
DUP-03-W-20231006 (880-34109-5)	10/6/23	Central		Water			X	X	X	2	

Temp. IR ID:HOU-369
C/F -0.0 3.1
Corrected Temp: 3.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipme laboratory does not currently maintain accreditation in the State of Origin isted above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or oth accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eur

Possible Hazard Identification
Unconfirmed

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:	
Relinquished by:		Date/Time:	Company	Received by		Date/Time: 10/7/23 11:17	Company Eurofins
Relinquished by:		Date/Time:	Company	Received by		Date/Time:	Company
Relinquished by:		Date/Time:	Company	Received by		Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Received by OCD: 3/13/2024 8:06:07 PM

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Released to Imaging: 4/30/2024 9:27:34 AM

10/16/2023

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-34109-1
SDG Number: Lea County, NM

Login Number: 34109
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS US Inc

Job Number: 880-34109-1
SDG Number: Lea County, NM

Login Number: 34109
List Number: 2
Creator: Torres, Sandra

List Source: Eurofins Houston
List Creation: 10/07/23 01:07 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.1
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

APPENDIX E

Historical Analytical Data (through 2017)

Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
EPWW1	1/26/2006	N	--	< 0.02 U	--	**0.125**	--	< 0.02 U	--	**0.475**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**79.6**	**449**
	7/6/2006	N	--	< 0.02 U	--	**0.0259**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**49.2**	**385**
	4/6/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.251**	**0.251**	< 1 U	< 1 U	< 1 U	< 3 U	**0.52**	< 0.05 U	**255**	**914**
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.062**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.093**	< 0.05 U	**67.6**	**408**
	5/21/2012	N	< 0.0100 U	--	**0.0475**	--	--	**0.968**	**0.301**	--	**0.0494**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**805**	**3,080**
GOPWW2	1/19/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**10.3**	**0.787**	**0.787**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,000**	**1,930**
	6/28/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.597**	**0.597**	**2**	**7.9**	**5.8**	**4.8**	**0.15**	**0.082**	**1,140**	**1,970**
	4/23/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**6.3**	**0.26**	**0.26**	**2.7**	< 1 U	**1.5**	--	< 0.098 U	< 0.05 U	**1,130**	--
	9/10/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**13.8**	**0.405**	**0.405**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	**0.063**	**1,320**	--
	3/24/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**5.39**	**0.559**	**0.559**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**2,130**	**3,680**
	8/5/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.06**	**0.354**	**0.354**	< 1 U	< 1 U	< 1 U	< 3 U	**0.22**	< 0.05 U	**1,690**	**2,910**
	3/17/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**2.18**	**0.513**	**0.513**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,600**	**2,260**
	8/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.577**	**0.577**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,420**	**3,060**
	3/2/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	< 0.05 U	**0.569**	**0.569**	< 1 U	< 2 U	< 1 U	< 1 U	< 0.054 U	< 0.05 U	**1,530**	**3,190**
	8/3/2010	N	--	< 0.01 U	--	< 0.05 U	--	**0.121**	--	**6.41**	**1.08**	**1.08**	< 1 U	< 2 U	< 1 U	< 1 U	**0.941**	< 0.05 U	**1,520**	**3,460**
	5/8/2012	N	**0.071**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.05**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,470**	**1,920**
	11/1/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	**17.2**	**1.8**	**1.8**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,420**	**2,930**
	5/23/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.11**	--	< 1.00 U	< 2.00 U	**1.01**	< 1.00 U	--	--	**1350 E**	**3,070**
IW001	8/1/2002	N	--	< 0.01 U	**3.6**	**3.31**	**3.41**	--	--	--	--	--	< 2 U	**2**	< 2 U	< 2 U	< 0.27 U	< 0.05 U	**1,160**	**4,720**
	6/10/2003	N	--	< 0.05 U	**4.1**	**3.99**	**3.91**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,800**	--
	6/10/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,700**	--
	7/1/2003	N	--	< 0.05 U	**0.12**	**0.1**	< 0.05 U	--	**10**	**8.5**	**2.24**	**1.84**	--	--	--	--	--	--	**140**	--
	7/9/2003	N	--	< 0.05 U	**0.06**	**0.19**	< 0.05 U	--	**10.5**	**44**	**0.73**	**2.93**	--	--	--	--	--	--	**3,400**	--
	7/15/2003	N	--	< 0.05 U	**0.11**	**0.1**	< 0.1 U < 1 U	--	**31.6**	**30.8**	**2.21**	**2.11**	--	--	--	--	--	--	**2,600**	--
	7/30/2003	N	--	< 0.5 U	< 0.5 U	< 0.5 U	< 0.02 U	--	**41**	**43**	**1.8**	**1.9**	--	--	--	--	--	--	**2,000**	--
	8/20/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/1/2003	N	--	< 0.05 U	**1.53**	**0.65**	< 0.1 U	--	**235**	**244**	**6.2**	**6.43**	--	--	--	--	--	--	**2,800**	--
	10/29/2003	N	--	< 0.5 U	**0.32**	**0.38**	< 0.005 U	--	**256**	**279**	**5.61**	**6.09**	--	--	--	--	--	--	**2,300**	--
	12/9/2003	N	--	< 0.05 U	**0.32**	**0.32**	< 0.01 U	--	**242**	**244**	**6.36**	**6.42**	--	--	--	--	--	--	**1,400**	--
	1/8/2004	N	--	< 0.5 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**89**	**91**	**4.4**	**4.5**	--	--	--	--	--	--	**1,300**	**24,500**
	3/4/2004	N	--	< 0.05 U	**0.26**	**0.33**	< 0.05 U < 0.05 U	--	**179**	**229**	**3.51**	**4.42**	--	--	--	--	--	--	**1,300**	--
	4/1/2004	N	--	< 0.01 U	**0.09**	**0.1**	< 0.1 U	--	**87.6**	**89.8**	**1.98**	**2.03**	--	--	--	--	--	--	**1,220**	**21,800**
	5/17/2004	N	--	< 0.05 U	< 0.2 U	< 0.2 U	< 0.1 U	--	**131**	**160**	**4**	**5**	--	--	--	--	--	--	**1,100**	--
	6/10/2004	N	--	< 0.01 U	**0.11**	**0.14**	< 0.1 U	--	**92.1**	**123**	**2.3**	**3.17**	--	--	--	--	--	--	**3,800**	--
	7/14/2004	N	--	< 0.01 U	**0.08**	**0.1**	< 0.1 U	--	**57.2**	**75.2**	**1.14**	**1.63**	--	--	--	--	--	--	**2,800**	--
	8/11/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	**28.2**	**30.2**	**0.85**	**0.98**	--	--	--	--	--	--	**2,100**	--
	9/15/2004	N	--	< 0.05 U	< 0.2 U	< 0.2 U	< 0.1 U	--	**114**	**115**	**2.8**	**2.9**	--	--	--	--	--	--	**1,320**	--
	10/6/2004	N	--	< 0.1 U	**0.06**	< 0.5 U	< 0.005 U	--	**96**	**97**	**1.41**	**1.8**	--	--	--	--	--	--	**880**	--
	11/15/2004	N	--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.1 U	--	**110**	**116**	**0.16**	**0.51**	--	--	--	--	--	--	**1,030**	**20,600**
	12/28/2004	N	--	< 0.1 U	**0.1**	**0.1**	< 0.005 U	--	--	**172**	**4.5**	**3.7**	--	--	--	--	--	--	**1,070**	--
	1/26/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**72.7**	**77.8**	**0.3**	**0.4**	--	--	--	--	--	--	**350**	--
	2/9/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**73.6**	**50.4**	**0.3**	**0.2**	--	--	--	--	--	--	**400**	--
	3/10/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.005 U	--	**78.2**	**74.1**	**1**	**0.8**	--	--	--	--	--	--	**270**	--
	4/12/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**92.8**	**98**	**1.3**	**1.4**	--	--	--	--	--	--	**250**	--
	5/12/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**102**	**106**	**1.7**	**1.8**	--	--	--	--	--	--	**510**	--
	6/9/2005	N	--	< 0.05 U	**0.07**	**0.07**	< 0.05 U	--	**96.1**	**93.8**	**0.96**	**0.98**	--	--	--	--	--	--	**390**	--
	7/7/2005	N	--	< 0.05 U	**0.06**	**0.05**	< 0.05 U	--	**79.5**	**82.5**	**0.88**	**0.94**	--	--	--	--	--	--	**340**	--
	2/6/2006	N	--	**0.0274**	--	< 0.015 U	--	< 2 U	--	**145**	**3.49**	**3.49**	< 25 U	< 25 U	< 25 U	< 75 U	< 600 U	< 600 U	**146**	**8,350**
	7/20/2006	N	--	**0.0287**	--	**0.02**	--	< 0.02 U	--	**208**	**4.55**	**4.55**	< 10 U	< 10 U	< 10 U	< 30 U	< 480 U	**6.2**	**240**	**11,400**
	4/16/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 2 U	--	**71.9**	**1.32**	**1.32**	< 50 U	< 50 U	< 50 U	**150**	**550**	**4.5**	**689**	--
	4/17/2008	N	--	< 0.5 U	--	< 0.375 U	--	< 2 U	--	**197**	**5.12**	**5.12**	< 20 U	< 20 U	< 20 U	< 60 U	**230**	**2.8**	**686**	**11,200**
	3/31/2009	N	--	**0.0519**	--	< 0.015 U	--	< 2 U	--	**49.8**	**2.45**	**2.45**	**5.9**	**5.3**	< 5 U	< 15 U	**35**	**0.25**	**738**	**6,510**
	3/11/2010	N	--	< 0.5 U	--	< 0.500 U	--	**0.648**	--	**7.58**	**1.1**	**1.1**	< 1 U	< 1 U	< 1 U	< 1 U	**2.69**	< 0.05 U	**638**	**3,240**
	5/25/2012	N	< 0.0500 U	--	< 0.0500 U	--	--	**0.268**	**3.54**	--	**1.92**	--	< 1.00 U	**2.79**	< 1.00 U	< 1.00 U	--	--	**950**	**5,330**
	5/21/2013	N	**0.0582**	--	**0.0241**	--	--	< 0.200 U	**3.59**	--	**1.78**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**963**	**5,700**
	5/8/2014	N	**0.0567**	--	**0.00854 J**	--	--	< 0.0500 U	**3.28**	--	**1.89**	--	< 1.00 U	**1.16 J**	< 1.00 U	< 1.00 U	--	--	**1,020**	**5,250**
	6/4/2015	N	**0.0534**	--	**0.00893 J**	--	--	< 0.200 U	**3.46 J**	--	**1.92**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,150**	**5,700**
	5/20/2016	N	**0.0214**	--	**0.0136**	--	< 0.0548 U	--	--	--	--	--	--	--	--	--	--	--	**663**	**6,110**
	5/5/2017	N	**0.0179 J**	--	**0.0108 J**	--	< 0.01 U	--	**1.54 J**	--	**1.84 J**	--	--	--	--	--	--	--	**1030**	**4,350**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
IW002	9/19/2002	N		--	< 0.05 U	**3.17**	--	**0.32**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**760**	**3,180**
	6/11/2003	N		--	< 0.05 U	**4.02**	**3.92**	**3.28**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**920**	--
	6/11/2003	FD		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**940**	--
	7/2/2003	N		--	< 0.05 U	< 0.5 U	< 0.5 U	< 0.05 U	--	**13**	**12**	**8.9**	**8.2**	--	--	--	--	--	--	**2,200**	--
	7/8/2003	N		--	< 0.05 U	**0.09**	**0.09**	< 0.05 U	--	**21.9**	**22.7**	**1.88**	**1.97**	--	--	--	--	--	--	**3,200**	--
	7/15/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U < 1 U	--	**35.1**	**40.1**	**2.18**	**2.54**	--	--	--	--	--	--	**3,000**	--
	7/30/2003	N		--	< 0.5 U	< 0.5 U	< 0.5 U	**0.6**	--	**37**	**42**	**1.2**	**1.4**	--	--	--	--	--	--	**2,200**	--
	8/21/2003	N		--	< 0.05 U	**0.19**	**0.13**	< 0.005 U	--	**165**	**176**	**5.27**	**5.59**	--	--	--	--	--	--	**1,500**	--
	9/30/2003	N		--	< 0.05 U	**2.04**	**4.13**	< 0.005 U	--	< 0.1 U	**158**	< 0.05 U	**5.23**	--	--	--	--	--	--	**300**	--
	10/29/2003	N		--	< 0.05 U	**0.11**	**0.11**	< 0.005 U	--	**207**	**208**	**5.9**	**5.93**	--	--	--	--	--	--	**1,600**	--
	12/10/2003	N		--	< 0.05 U	**0.15**	**0.16**	< 0.01 U	--	**224**	**247**	**3.83**	**4.19**	--	--	--	--	--	--	**1,230**	--
	1/8/2004	N		--	< 0.5 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**113**	**118**	**3.1**	**3.2**	--	--	--	--	--	--	**1,150**	**17,900**
	2/23/2004	N		--	< 0.05 U	**0.1**	**0.11**	< 0.05 U	--	**140**	**140**	**2.64**	**2.69**	--	--	--	--	--	--	**860**	--
	4/6/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	**0.3**	--	**267**	**266**	**4**	**4**	--	--	--	--	--	--	**1,190**	--
	5/13/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**244**	**322**	**4.3**	**5.7**	--	--	--	--	--	--	**1,600**	--
	6/10/2004	N		--	< 0.01 U	**0.07**	**0.09**	< 0.1 U	--	**105**	**133**	**2.33**	**2.99**	--	--	--	--	--	--	**1,200**	--
	7/8/2004	N		--	< 0.01 U	**0.09**	**0.11**	< 0.1 U	--	**108**	**128**	**3.32**	**3.91**	--	--	--	--	--	--	**2,200**	--
	7/14/2004	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/2004	N		--	< 0.1 U	< 0.5 U	**1.2**	< 0.1 U	--	**166**	**177**	**5.3**	**7**	--	--	--	--	--	--	**1,700**	--
	9/9/2004	N		--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.05 U	--	**6.1**	**6**	**0.2**	**0.2**	--	--	--	--	--	--	**640**	--
	10/7/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**112**	**118**	**1.6**	**1.7**	--	--	--	--	--	--	**1,640**	--
	11/11/2004	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 1 U	--	**98.7**	**101**	**2.16**	**2.16**	--	--	--	--	--	--	**246**	**24,400**
	12/29/2004	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.01 U	--	**170**	**172**	**5**	**5.2**	--	--	--	--	--	--	**1160**	--
	1/19/2005	N		--	< 0.01 U	**0.4**	**0.04**	< 0.01 U	--	**81**	**82**	**3.1**	**0.32**	--	--	--	--	--	--	**380**	--
	1/27/2005	N		--	< 0.1 U	**0.1**	**0.2**	< 0.1 U	--	**43.6**	**64.9**	**3.5**	**5.4**	--	--	--	--	--	--	**490**	--
	2/10/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**77.4**	**86.6**	**0.3**	**0.4**	--	--	--	--	--	--	**280**	**3,160**
	3/15/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	**95**	**93.8**	**1.4**	**1.4**	--	--	--	--	--	--	**210**	--
	4/14/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**96.6**	**96.8**	**0.9**	**1**	--	--	--	--	--	--	**200**	--
	5/17/2005	N		--	< 0.1 U	< 0.1 U	**1.1**	< 0.05 U	--	**150**	**153**	**1.9**	**1.9**	--	--	--	--	--	--	**390**	--
	6/15/2005	N		--	< 0.1 U	**0.07**	**0.07**	< 0.05 U	--	< 0.4 U	< 0.4 U	**1.11**	**1.17**	--	--	--	--	--	--	**490**	--
	7/12/2005	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	--	**90**	**90.9**	**0.53**	**0.53**	--	--	--	--	--	--	**280**	--
	2/6/2006	N		--	**0.0264**	--	**0.0166**	--	< 2 U	--	**265**	**4.62**	**4.62**	**30**	< 20 U	< 20 U	< 60 U	< 600 U	< 600 U	**126**	**6,750**
	7/20/2006	N		--	**0.0314**	--	**0.0154**	--	< 0.02 U	--	**365**	**4.58**	**4.58**	< 10 U	< 10 U	< 10 U	< 50 U	< 960 U	**6.6**	**133**	**11,200**
	4/11/2007	N		--	**0.1**	--	< 0.075 U	--	< 2 U	--	**79.8**	**1.47**	**1.47**	< 100 U	< 100 U	< 100 U	< 300 U	**17**	< 5 U	**317**	--
	4/21/2008	N		--	< 0.10 U	--	< 0.075 U	--	< 2 U	--	**37.8**	**1.04**	**1.04**	< 20 U	< 20 U	< 20 U	< 60 U	**310**	< 0.1 U	**371**	**5,700**
	4/6/2009	N		--	< 0.10 U	--	< 0.075 U	--	< 2 U	--	**27.9**	**0.993**	**0.993**	< 50 U	< 50 U	< 50 U	< 150 U	**6**	< 2.5 U	**501**	**5,090**
	3/12/2010	N		--	< 0.50 U	--	< 0.50 U	--	< 0.61 U	--	**3.62**	< 0.5 U	< 0.5 U	< 1 U	< 1.4 U	< 1 U	< 1 U	**1.83**	< 0.05 U	**183**	**2,920**
	5/25/2012	N		< 0.0500 U	--	< 0.0500 U	--	--	**0.462**	**5.21**	--	**0.818**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**547**	**4,430**
	5/22/2013	N		< 0.100 U	--	< 0.0500 U	--	--	< 0.200 U	**4.97**	--	**0.863**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**534**	**3,880**
	5/28/2014	N		**0.0105 J**	--	**0.00643 J**	--	--	< 0.0500 U	**3.29**	--	**0.737**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**582**	**3,850**
	5/22/2015	N		< 0.0200 U	--	**0.00606 J**	--	--	< 0.200 U	**7.18**	--	**0.82**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**544**	**3,020**
	5/13/2016	N		**0.029**	--	**0.0095 J**	--	< 0.0548 U	--	--	--	--	--	--	--	--	--	--	--	**538**	**3,230**
	5/5/2017	N		**0.0172**	--	**0.0116**	--	< 0.01 U	--	**25.6**	--	**1.1**	--	--	--	--	--	--	--	**526**	**2,960**
IW003	12/17/2003	N		--	< 0.05 U	**0.27**	**0.27**	**0.103**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,800**	**4,380**
	6/3/2004	N		--	< 0.01 U	**0.11**	**0.13**	< 0.1 U	--	**30.8**	**32.8**	**33.3**	**36.8**	--	--	--	--	--	--	**3,100**	--
	7/8/2004	N		--	**0.06**	**0.43**	**0.17**	< 0.1 U	--	**61.4**	**76.1**	**56.3**	**61.2**	--	--	--	--	--	--	**1,500**	--
	8/18/2004	N		--	< 0.01 U	**0.15**	**0.16**	< 0.1 U	--	**69.5**	**75.6**	**27.7**	**31**	--	--	--	--	--	--	**2,300**	--
	10/11/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**187**	**149**	**64.4**	**51.1**	--	--	--	--	--	--	**1,600**	--
	1/6/2005	N		--	< 0.1 U	**0.2**	**0.2**	< 0.1 U	--	**147**	**149**	**52.5**	**51**	--	--	--	--	--	--	**640**	--
	1/27/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	**48.9**	**61.6**	**19.8**	**24**	--	--	--	--	--	--	**500**	--
	2/21/2005	N		--	< 0.1 U	**0.1**	**0.2**	< 0.02 U	--	**80.8**	**107**	**25.8**	**33.9**	--	--	--	--	--	--	**660**	--
	3/17/2005	N		--	< 0.1 U	**0.2**	**0.2**	< 0.1 U	--	**115**	**125**	**43**	**54.9**	--	--	--	--	--	--	**550**	--
	4/19/2005	N		--	< 0.1 U	**0.2**	**0.2**	< 0.02 U	--	**91.7**	**91.9**	**37.5**	**37.5**	--	--	--	--	--	--	**560**	--
	6/1/2005	N		--	< 0.05 U	**0.09**	**0.1**	< 0.05 U	--	**79**	**91.3**	**35.8**	**41.9**	--	--	--	--	--	--	**460**	--
	6/21/2005	N		--	< 0.05 U	**0.16**	**0.07**	< 0.05 U	--	**74.3**	**104**	**37**	**40.3**	--	--	--	--	--	--	**650**	--
	7/21/2005	N		--	< 0.05 U	**0.1**	**0.1**	< 0.05 U	--	**82.5**	**83.3**	**16.8**	**17.2**	--	--	--	--	--	--	**600**	--
	2/6/2006	N		--	**0.278**	--	**0.136**	--	< 2 U	--	**158**	**48.5**	**48.5**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 5000 U	**1,100**	**34,600**
	2/6/2006	FD		--	**0.278**	--	**0.135**	--	< 2 U	--	**155**	**47.9**	**47.9**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 5000 U	**1,130**	**35,300**
	7/25/2006	N		--	**0.205**	--	**0.0305**	--	< 2 U	--	**4.69**	**33.5**	**33.5**	< 10 U	< 10 U	< 10 U	< 200 U	**720**	**3.2**	**1,080**	**10,600**
	4/9/2007	N		--	**0.358**	--	**0.075**	--	< 2 U	--	**27.3**	**14.8**	**14.8**	< 50 U	< 50 U	< 50 U	< 15 U	**2.4**	< 2.5 U	**1,130**	--
	4/3/2008	N		--	**0.254**	--	**0.075**	--	< 2 U	--	**26.1**	**15.3**	**15.3**	< 10 U	< 10 U	< 10 U	< 30 U	**3.1**	< 0.5 U	**1,130**	**4,440**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
IW003	3/23/2009	N	--	0.188	--	0.0152	--	< 0.20 U	--	22.5	12.5	12.5	< 5 U	< 5 U	< 5 U	< 15 U	2.1	< 0.25 U	1,050	4,400
	3/3/2010	N	--	0.55	--	< 0.50 U	--	< 0.01 U	--	9.25	15.8	15.8	< 1 U	< 2 U	< 1 U	< 1 U	0.625	< 0.05 U	850	2,160
	5/11/2012	N	0.0111	--	< 0.0100 U	--	--	0.115	3.6	--	5.12	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	995 J	4,020
	5/20/2014	N	0.0183 J	--	0.00673 J	--	--	< 0.0500 U	2.22	--	8.57	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,070	3,640
	5/12/2015	N	0.029	--	< 0.0100 U	--	--	< 0.0500 U	1.71	--	8.1	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,130	3,680
	5/17/2016	N	0.0218	--	0.00855 J	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	916	2,680
	5/8/2017	N	0.0137	--	0.00781	--	< 0.01 U	--	6.3	--	8.02	--	--	--	--	--	--	--	1,090	2,600
	3/22/2018	Reg	--	0.00717	--	0.00409	--	0.00330 J	3.57	--	--	--	--	--	--	--	--	--	999	2,200
IW004	12/18/2003	N	--	< 0.05 U	0.64	0.62	< 0.005 U	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	680	2,450
	6/9/2004	N	--	< 0.01 U	0.16	0.17	< 0.1 U	--	59.3	61.2	48.2	49.8	--	--	--	--	--	--	2,080	--
	7/8/2004	N	--	< 0.01 U	0.19	0.17	1.9	--	101	103	39.1	38.8	--	--	--	--	--	--	2,900	--
	8/18/2004	N	--	< 0.01 U	0.14	0.14	0.1	--	97.1	95.9	36.1	37.6	--	--	--	--	--	--	1,900	--
	10/11/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	74	66	15.9	14.7	--	--	--	--	--	--	1,150	--
	1/6/2005	N	--	< 0.1 U	0.2	0.2	< 0.1 U	--	308	303	47.3	46.7	--	--	--	--	--	--	550	--
	1/27/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	50.4	53.9	10.8	11	--	--	--	--	--	--	310	--
	2/22/2005	N	--	< 0.1 U	0.1	0.1	< 0.1 U	--	97.7	99.4	22.4	22.9	--	--	--	--	--	--	660	--
	3/21/2005	N	--	< 0.1 U	< 0.1 U	0.1	< 0.05 U	--	88.8	133	24.8	43.9	--	--	--	--	--	--	350	--
	4/19/2005	N	--	< 0.1 U	0.1	0.1	< 0.02 U	--	109	109	33	32.8	--	--	--	--	--	--	590	--
	6/1/2005	N	--	< 0.05 U	0.06	0.09	< 0.05 U	--	66	112	18.2	38.7	--	--	--	--	--	--	470	--
	6/21/2005	N	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	--	47.2	54.1	13.1	18.1	--	--	--	--	--	--	510	--
	7/21/2005	N	--	< 0.05 U	0.1	0.1	< 0.05 U	--	67	71.2	22.6	24	--	--	--	--	--	--	730	--
	2/6/2006	N	--	0.0547	--	0.0693	--	< 2 U	--	42.9	8.19	8.19	< 25 U	< 25 U	< 25 U	< 75 U	< 600 U	< 800 U	1,430	16,300
	7/25/2006	N	--	0.0618	--	0.0216	--	< 2 U	--	1.92	16.7	16.7	< 10 U	< 10 U	< 10 U	< 30 U	440	1.6	1,320	7,590
	4/9/2007	N	--	0.0612	--	0.0176	--	< 0.2 U	--	4.09	6.84	6.84	< 5 U	< 5 U	< 5 U	< 15 U	0.72	< 0.25 U	1,400	--
	4/3/2008	N	--	0.0218	--	< 0.015 U	--	--	--	< 0.2 U	5.85	5.85	< 5 U	< 5 U	< 5 U	< 15 U	0.35	< 0.25 U	1,610	3,960
	3/23/2009	N	--	< 0.02 U	--	0.0182	--	< 0.02 U	--	< 0.2 U	3.83	3.83	< 1 U	< 1 U	< 1 U	< 3 U	0.39	< 0.05 U	1,570	4,490
	3/4/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	0.218	1.68	1.68	< 1 U	< 1 U	< 1 U	< 1 U	--	< 0.05 U	1,760	4,100
	3/17/2010	N	--	--	--	--	--	--	--	--	--	--	--	< 2.00 U	--	--	0.147	--	--	--
	5/11/2012	N	< 0.0100 U	--	0.0128	--	--	0.0125	0.227	--	3.88	--	< 1.00 U	--	< 1.00 U	< 1.00 U	--	--	1190 J	4,390
	5/20/2014	N	< 0.0200 U	--	0.0108	--	--	< 0.0500 U	< 0.200 U	--	3.47	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	972	3,160
	5/12/2015	N	< 0.0200 U	--	0.0173	--	--	< 0.0500 U	< 0.200 U	--	4.17	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,010	3,090
	5/17/2016	N	0.00499 J	--	0.0138	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	904	2,520
	5/8/2017	N	0.00202	--	0.0123	--	< 0.01 U	--	1.68	--	3.97	--	--	--	--	--	--	--	1,000	2,620
IW005	12/18/2003	N	--	--	0.2	--	0.14	--	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	620	1,940
	2/25/2004	N	--	< 0.05 U	--	0.19	--	--	--	0.9	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	--	--
	6/9/2004	N	--	< 0.01 U	0.11	0.12	< 0.1 U	--	55	61.2	15.1	16.8	--	--	--	--	--	--	1,920	--
	7/8/2004	N	--	< 0.01 U	0.1	0.12	< 0.1 U	--	55.1	64.3	7.63	9.3	--	--	--	--	--	--	2,100	--
	8/18/2004	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/11/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	148	170	12.1	11.1	--	--	--	--	--	--	1,340	--
	12/1/2004	N	--	< 0.01 U	0.52	0.51	< 0.005 U	--	196	226	18.4	22.8	--	--	--	--	--	--	1,160	25,000
	1/6/2005	N	--	< 0.1 U	0.4	0.4	< 0.1 U	--	170	163	12.8	11.7	--	--	--	--	--	--	490	--
	1/27/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	24.4	34.2	1.4	2.1	--	--	--	--	--	--	190	--
	2/22/2005	N	--	< 0.1 U	0.3	0.3	< 0.1 U	--	118	111	7.8	7.4	--	--	--	--	--	--	430	--
	3/21/2005	N	--	< 0.1 U	0.1	0.1	< 0.05 U	--	66.4	60.5	4.5	6	--	--	--	--	--	--	270	--
	4/20/2005	N	--	< 0.1 U	0.1	0.1	< 0.05 U	--	68.7	64.1	5.3	6.1	--	--	--	--	--	--	270	--
	6/1/2005	N	--	< 0.05 U	0.18	0.2	< 0.05 U	--	85.6	101	6.07	8.15	--	--	--	--	--	--	330	--
	6/22/2005	N	--	< 0.05 U	0.11	0.09	< 0.05 U	--	60	56.9	3.24	3.75	--	--	--	--	--	--	370	--
	7/13/2005	N	--	< 0.1 U	0.4	0.3	< 0.05 U	--	129	95.3	5.7	3.9	--	--	--	--	--	--	430	--
	2/6/2006	N	--	0.0595	--	0.591	--	< 2 U	--	197	15.6	15.6	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 3000 U	781	24,500
	7/26/2006	N	--	0.096	--	0.252	--	< 2 U	--	49.3	19	19	< 10 U	< 10 U	< 10 U	< 30 U	1500	24	887	14,300
	3/27/2007	N	--	0.272	--	0.135	--	< 2 U	--	13.8	3.14	3.14	< 100 U	< 100 U	< 100 U	< 300 U	3600	5000	964	--
	4/12/2007	N	--	0.329	--	0.102	--	< 2 U	--	6.33	2.15	2.15	< 100 U	< 100 U	< 100 U	< 300 U	3.6	< 5 U	1,210	--
	4/1/2008	N	--	0.154	--	0.0781	--	< 1 U	--	23.5	4.69	4.69	< 5 U	< 5 U	< 5 U	< 15 U	3.2	< 0.25 U	1,140	4,890
	3/23/2009	N	--	0.0971	--	0.0311	--	< 0.2 U	--	6.21	1.8	1.8	< 5 U	< 5 U	< 5 U	< 15 U	1.5	< 0.25 U	1,690	4,790
	3/4/2010	N	--	< 0.5 U	--	< 0.50 U	--	0.148	--	8.16	5.98	5.98	< 1 U	1.4	< 1 U	< 1 U	--	< 0.05 U	1,010	3,860
	3/16/2010	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	0.704	--	--	--
	5/11/2012	N	< 0.0100 U	--	0.0162	--	--	0.109	3.25	--	3.78	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	990 J	3,920
	5/7/2013	N	0.0165 J	--	0.0129	--	--	< 0.0100 U	1.61	--	1.07	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	860	2,990
	5/16/2014	N	0.00973 J	--	0.0109	--	--	< 0.0100 U	0.822	--	2.16	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	850	2,830
	5/19/2015	N	0.0124 J	--	0.0119	--	--	< 0.0500 R	0.623 J	--	2.92	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	904	3,210
	5/17/2016	N	0.0267	--	0.0119	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	782	3,220
	5/17/2016	FD	0.0212	--	0.0122	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	732	2,820

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/8/2017	N	**0.0186**	--	**0.0124**	--	< 0.01 U	--	**10.9**	--	**2.73**	--	--	--	--	--	--	--	**822**	**2,400**
IW006	12/18/2003	N	--	< 0.05 U	--	**0.06**	**0.03**	--	--	**1.7**	**0.07**	**0.07**	--	--	--	--	--	--	**550**	**1,640**
	2/25/2004	N	--	--	**0.07**	--	--	--	< 0.1 U	--	< 0.05 U	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	--	--
	6/9/2004	N	--	< 0.01 U	**0.13**	**0.17**	< 0.1 U	--	**96.9**	**114**	**37.7**	**50.1**	--	--	--	--	--	--	**2,700**	--
	7/20/2004	N	--	< 0.01 U	**0.15**	**0.17**	< 0.1 U	--	**105**	**135**	**28.8**	**35.8**	--	--	--	--	--	--	**2,600**	--
IW006	8/18/2004	N	--	**0.04**	**0.12**	**0.11**	< 0.1 U	--	**95.5**	**93.1**	**19**	**18.5**	--	--	--	--	--	--	**2,100**	--
	10/13/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**169**	**202**	**22**	**26.5**	--	--	--	--	--	--	**1,620**	--
	12/1/2004	N	--	< 0.01 U	**0.36**	**0.41**	**0.008**	--	**272**	**313**	**36.4**	**41.3**	--	--	--	--	--	--	**1,740**	**41,500**
	1/10/2005	N	--	< 0.1 U	**0.3**	**0.3**	< 0.1 U	--	**230**	**240**	**32.4**	**35.3**	--	--	--	--	--	--	**880**	--
	1/31/2005	N	--	< 0.1 U	**0.2**	**0.2**	< 0.05 U	--	**128**	**168**	**22.4**	**30**	--	--	--	--	--	--	**470**	--
	2/22/2005	N	--	< 0.1 U	**0.3**	**0.3**	< 0.1 U	--	**155**	**173**	**21.5**	**24.4**	--	--	--	--	--	--	**650**	--
	3/22/2005	N	--	< 0.1 U	**0.2**	**0.2**	< 0.005 U	--	**133**	**181**	**22.9**	**33.1**	--	--	--	--	--	--	**470**	--
	4/20/2005	N	--	< 0.1 U	**0.3**	**0.2**	< 0.05 U	--	**142**	**137**	**21.5**	**22.7**	--	--	--	--	--	--	**520**	--
	5/31/2005	N	--	< 0.1 U	**7.8**	**0.2**	< 0.05 U	--	**160**	**151**	**23.7**	**25.9**	--	--	--	--	--	--	**590**	--
	6/22/2005	N	--	< 0.05 U	**0.18**	**0.16**	< 0.05 U	--	**106**	**104**	**16.4**	**17.6**	--	--	--	--	--	--	**510**	--
	7/13/2005	N	--	< 0.1 U	**0.2**	**0.2**	< 0.05 U	--	**117**	**114**	**16.8**	**17.4**	--	--	--	--	--	--	**590**	--
	2/7/2006	N	--	**0.118**	--	**0.286**	--	< 2 U	--	**184**	**41.5**	**41.5**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 4000 U	**628**	**37,300**
IW006	2/7/2006	FD	--	**0.117**	--	**0.319**	--	< 2 U	--	**189**	**36.5**	**36.5**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 4000 U	**622**	**37,300**
	7/26/2006	N	--	**0.288**	--	**0.0643**	--	< 2 U	--	**5.41**	**10.4**	**10.4**	< 10 U	< 10 U	< 10 U	< 30 U	**32**	**2.4**	**772**	**6,450**
	3/27/2007	N	--	**0.203**	--	**0.0592**	--	< 2 U	--	**16.4**	**6.21**	**6.21**	< 100 U	< 100 U	< 100 U	< 300 U	**2.1**	**5000**	**832**	--
	4/12/2007	N	--	**0.16**	--	**0.04**	--	< 2 U	--	**10.1**	**3.6**	**3.6**	< 100 U	< 100 U	< 100 U	< 300 U	**2.1**	< 5 U	**900**	--
	4/1/2008	N	--	**0.129**	--	**0.0287**	--	< 1 U	--	**8.04**	**6.46**	**6.46**	< 5 U	< 5 U	< 5 U	< 15 U	**1.4**	**0.31**	**1,000**	**3,660**
	3/19/2009	N	--	**0.0761**	--	**0.016**	--	< 1 U	--	**6.9**	**5.59**	**5.59**	< 5 U	< 5 U	< 5 U	< 15 U	**0.67**	< 0.25 U	**915**	**3,400**
	3/4/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.065**	--	**1.67**	**4.69**	**4.69**	< 1 U	< 1 U	< 1 U	< 1 U	--	< 0.05 U	**887**	**3,640**
	3/16/2010	N	--	--	--	--	--	--	--	--	--	--	--		--	--	**0.206**	--	--	--
	5/11/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	**0.0276**	**0.96**	--	**2.5**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**835 J**	**3,530**
	5/7/2013	N	< 0.0200 U	--	**0.00531 J**	--	--	< 0.0100 U	**0.513**	--	**1.32**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**798**	**2,920**
	5/16/2014	N	**0.0197 J**	--	**0.00793 J**	--	--	< 0.0100 U	**1.19**	--	**4.58**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**794**	**2,790**
	5/19/2015	N	**0.0317**	--	**0.00717 J**	--	--	< 0.0100 R	**0.598 J**	--	**5.02**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**835**	**3,630**
	5/17/2016	N	**0.0254**	--	**0.0077 J**	--	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	**716**	**2,400**
	5/8/2017	N	**0.0196**	--	**0.00869**	--	< 0.01 U	--	**3.93**	--	**4.15**	--	--	--	--	--	--	--	**741**	**2,150**
	12/18/2003	N	--	< 0.05 U	--	< 0.05 U	< 0.005 U	--	--	**3.8**	**0.05**	**0.05**	--	--	--	--	--	--	--	--
	2/26/2004	N	--	< 0.01 U	--	< 0.01 U	--	--	--	**0.73**	**0.01**	**0.01**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.3 U	< 0.05 U	**840**	**2,120**
	6/9/2004	N	--	< 0.01 U	**0.07**	**0.08**	< 0.1 U	--	**31.7**	**39.9**	**6.01**	**7.56**	--	--	--	--	--	--	**1630**	--
	7/20/2004	N	--	< 0.01 U	**0.1**	**0.11**	< 0.1 U	--	**68.4**	**74.6**	**13.5**	**15.1**	--	--	--	--	--	--	**2300**	--
	8/19/2004	N	--	< 0.01 U	**0.14**	**0.13**	< 0.1 U	--	**108**	**96.2**	**7.61**	**7.15**	--	--	--	--	--	--	**2500**	--
	10/13/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**186**	**217**	**11.1**	**11.2**	--	--	--	--	--	--	**1590**	--
	12/2/2004	N	--	< 0.1 U	**0.2**	**0.2**	< 0.005 U	--	**152**	**181**	**16.8**	**15.8**	--	--	--	--	--	--	**1370**	**27,100**
	1/10/2005	N	--	< 0.1 U	**0.1**	**0.1**	< 0.005 U	--	**141**	**137**	**7.4**	**7.6**	--	--	--	--	--	--	**510**	--
	1/31/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**74**	**95.8**	**4.6**	**6.2**	--	--	--	--	--	--	**300**	--
	2/22/2005	N	--	< 0.1 U	**0.1**	**0.1**	< 0.1 U	--	**154**	**160**	**11.3**	**11.9**	--	--	--	--	--	--	**450**	--
	3/22/2005	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/20/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**100**	**105**	**7.8**	**8.2**	--	--	--	--	--	--	**300**	--
	5/31/2005	N	--	< 0.1 U	**0.3**	< 0.1 U	< 0.05 U	--	**144**	**122**	**23.2**	**9.9**	--	--	--	--	--	--	**420**	--
IW007	6/22/2005	N	--	< 0.05 U	**0.06**	**0.07**	< 0.05 U	--	**74.6**	**84.2**	**5.26**	**5.95**	--	--	--	--	--	--	**470**	--
	7/13/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**90.8**	**90.7**	**5.5**	**5.5**	--	--	--	--	--	--	**540**	--
	2/7/2006	N	--	**0.125**	--	**0.185**	--	< 2 U	--	**213**	**21.5**	**21.5**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 5000 U	**572**	**49,600**
	7/26/2006	N	--	**0.0599**	--	**0.118**	--	< 2 U	--	**44.9**	**16.2**	**16.2**	< 25 U	< 25 U	< 25 U	< 75 U	**3600**	**21**	**527**	**26,800**
	3/26/2007	N	--	**0.0622**	--	**0.171**	--	< 2 U	--	**69.3**	**27.5**	**27.5**	< 100 U	< 100 U	< 100 U	< 300 U	**3600**	**13**	**637**	--
	4/1/2008	N	--	**0.0464**	--	**0.114**	--	< 2 U	--	**93.5**	**31.8**	**31.8**	< 10 U	< 10 U	< 10 U	< 30 U	**3000**	**8.3**	**714**	**26,300**
	3/19/2009	N	--	**0.299**	--	**0.0706**	--	< 2 U	--	**14**	**2.03**	**2.03**	**6.9**	< 5 U	< 5 U	< 15 U	**6.6**	**0.4**	**880**	**5,550**
	3/4/2010	N	--	< 0.5 U	--	< 0.50 U	--	**0.469**	--	**23.4**	**5.83**	**5.83**	< 1 U	**1.4**	**1.1**	< 1 U	**2.46**	< 0.05 U	**821**	**4,500**
	5/15/2012	N	**0.131 J**	--	**0.036**	--	--	**0.67**	**15.3**	--	**4.43**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**884 J**	**4,200**
	5/7/2013	N	**0.107**	--	**0.0444 J**	--	--	< 0.0100 U	**10.2**	--	**3.98**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**861**	**4,050**
	5/29/2014	N	**0.0423**	--	**0.0253**	--	--	< 0.100 U	**9.32**	--	**4.25**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**835**	**4,490**
	5/19/2015	N	**0.0404**	--	**0.0223**	--	--	< 0.0500 R	**7.15 J**	--	**4.61**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**870**	**4,140**
	5/17/2016	N	**0.122**	--	**0.0402**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**829**	**3,350**
	5/8/2017	N	**0.0843**	--	**0.0192**	--	< 0.01 U	--	**17.1**	--	**3.93**	--	--	--	--	--	--	--	**893**	**2,570**
	2/26/2004	N	--	< 0.01 U	< 0.05 U	**0.02**	< 0.005 U	--	< 0.1 U	**10.3**	< 0.05 U	**0.18**	--	--	--	--	--	--	**210**	**880**
	6/9/2004	N	--	< 0.01 U	**0.06**	**0.07**	< 0.1 U	--	**35.3**	**37.2**	**6.07**	**6.56**	--	--	--	--	--	--	**1,010**	--
IW008	7/20/2004	N	--	< 0.01 U	**0.16**	**0.18**	< 0.1 U	--	**87.3**	**96.1**	**13.2**	**16**	--	--	--	--	--	--	**1,800**	--
	8/19/2004	N	--	< 0.01 U	**0.06**	**0.07**	< 0.1 U	--	**59.9**	**65.6**	**5.36**	**6.57**	--	--	--	--	--	--	**1,200**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
IW008	10/13/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	135	221	6.1	10.3	--	--	--	--	--	--	1,090	--
	12/2/2004	N		--	< 0.1 U	0.1	0.1	0.036	--	127	134	10.8	10.5	--	--	--	--	--	--	730	14,400
	1/11/2005	N		--	< 0.1 U	0.1	< 0.1 U	< 0.1 U	--	105	106	7.4	7.5	--	--	--	--	--	--	490	--
	2/2/2005	N		--	< 0.1 U	1.2	1.6	< 0.05 U	--	110	227	5.6	11.8	--	--	--	--	--	--	260	--
	2/23/2005	N		--	< 0.1 U	0.1	0.1	< 0.1 U	--	137	141	6	5.8	--	--	--	--	--	--	370	--
	3/22/2005	N		--	< 0.1 U	< 0.1 U	0.1	< 0.005 U	--	93.6	121	3.3	4.4	--	--	--	--	--	--	230	--
	4/25/2005	N		--	< 0.01 U	0.11	0.11	< 0.05 U	--	113	114	3.93	4.01	--	--	--	--	--	--	240	--
	5/31/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.01 U	--	95.7	98.1	4.1	4	--	--	--	--	--	--	260	--
	6/22/2005	N		--	< 0.05 U	0.05	0.06	< 0.05 U	--	58.1	68.9	1.87	2.2	--	--	--	--	--	--	240	--
	7/13/2005	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/7/2006	N		--	0.0674	--	0.128	--	< 2 U	--	156	10.4	10.4	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 2000 U	382	12,300
	7/26/2006	N		--	0.161	--	0.023	--	< 2 U	--	3	2.86	2.86	< 25 U	< 25 U	< 25 U	< 75 U	6.1	7.7	572	4,590
	7/26/2006	FD		--	0.163	--	0.0244	--	< 2 U	--	3.24	2.95	2.95	< 25 U	< 25 U	< 25 U	< 75 U	6.2	4.1	531	4,660
	3/23/2007	N		--	0.287	--	0.0249	--	0.1	--	21.2	4.09	4.09	< 1 U	< 1 U	< 1 U	< 3 U	3.9	0.082	574	--
	4/1/2008	N		--	0.144	--	0.0166	--	< 1 U	--	20.3	4.17	4.17	< 5 U	< 5 U	< 5 U	< 15 U	1.7	0.36	576	3,480
	3/19/2009	N		--	0.0783	--	< 0.015 U	--	< 1 U	--	13.3	3.7	3.7	< 5 U	< 5 U	< 5 U	< 15 U	0.91	< 0.250 U	604	3,030
	3/4/2010	N		--	< 0.05 U	--	< 0.05 U	--	0.087	--	2.11	3.88	3.88	< 1 U	< 1 U	< 1 U	< 1 U	0.409	< 0.05 U	64.7	2,780
	5/15/2012	N		0.0335 J	--	< 0.0100 U	--	--	0.0747	1.39	--	2.86	--	< 1.00 UJ	27.2 J	< 1.00 UJ	< 1.00 UJ	--	--	566 J	2,430
	5/7/2013	N		0.0192 J	--	0.00472 J	--	--	< 0.0100 U	0.679	--	2.6	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	529	2,340
	5/20/2014	N		0.00642 J	--	0.00377 J	--	--	< 0.0500 U	< 0.200 U	--	2.21	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	530	2,550
	5/20/2014	FD		0.00756 J	--	0.00383 J	--	--	< 0.0500 U	< 0.200 UJ	--	2.24	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	530	2,250
	5/19/2015	N		0.0204	--	0.00445 J	--	--	< 0.0500 R	< 0.200 UJ	--	2.35	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	574	2,480
	5/17/2016	N		0.0506	--	0.00425 J	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	490	2,130
	5/8/2017	N		0.033	--	0.00545	--	< 0.01 U	--	5.22	--	1.93	--	--	--	--	--	--	--	608	1,900
	5/8/2017	FD		0.0323	--	0.00515	--	< 0.01 U	--	5.34	--	1.97	--	--	--	--	--	--	--	584	1,710
	3/22/2018	Reg		--	0.0248	--	0.00370 J	--	< 0.0100 U	4.24	--	--	1.58	--	--	--	--	--	--	707	2,060
IW009	6/9/2004	N		--	< 0.01 U	0.1	0.11	< 0.1 U	--	80	107	8.29	10.1	--	--	--	--	--	--	2,250	--
	7/20/2004	N		--	< 0.01 U	0.1	0.13	< 0.1 U	--	118	165	12.6	15.9	--	--	--	--	--	--	2,600	--
	8/19/2004	N		--	< 0.01 U	0.07	0.08	< 0.1 U	--	80.9	88.3	2.82	3.74	--	--	--	--	--	--	1,800	--
	10/14/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	238	236	15.5	15.2	--	--	--	--	--	--	1,730	--
	12/6/2004	N		--	< 0.1 U	0.18	0.24	< 0.05 U	--	263	350	17.4	23.3	--	--	--	--	--	--	1,500	35,800
	1/11/2005	N		--	< 0.1 U	0.2	0.2	< 0.1 U	--	222	230	12.7	13.1	--	--	--	--	--	--	810	--
	2/2/2005	N		--	< 0.01 U	2.2	0.11	< 0.05 U	--	457	26	23.7	1.36	--	--	--	--	--	--	590	--
	2/23/2005	N		--	< 0.1 U	0.1	0.1	< 0.1 U	--	196	205	10.2	9.4	--	--	--	--	--	--	580	--
	3/23/2005	N		--	< 0.1 U	0.1	0.1	< 0.005 U	--	249	247	12.7	12.7	--	--	--	--	--	--	480	--
	4/25/2005	N		--	< 0.01 U	0.11	0.12	< 0.05 U	--	162	181	8.94	9.66	--	--	--	--	--	--	510	--
	5/31/2005	N		--	< 0.1 U	0.2	0.2	< 0.05 U	--	182	193	9.7	10.3	--	--	--	--	--	--	430	--
	6/23/2005	N		--	< 0.05 U	0.08	0.09	< 0.05 U	--	145	150	7.79	8.12	--	--	--	--	--	--	580	--
	7/13/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	120	114	6.6	6.2	--	--	--	--	--	--	680	--
	2/7/2006	N		--	0.138	--	0.121	--	< 2 U	--	180	18.1	18.1	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 4000 U	606	59,500
	7/27/2006	N		--	0.0982	--	0.0557	--	< 2 U	--	79.8	13.3	13.3	< 25 U	< 25 U	< 25 U	< 75 U	2100	3.9	434	18,100
	3/23/2007	N		--	--	--	--	--	< 0.4 U	--	--	--	--	< 25 U	< 1 U	4.8	< 10 U	< 5000 U	14	--	--
	3/31/2008	N		--	0.0562	--	0.0438	--	--	--	52.6	24.3	24.3	< 10 U	< 5 U	< 5 U	< 15 U	--	6	694	20,000
	3/19/2009	N		--	< 0.1 U	--	< 0.075 U	--	--	--	46.1	25.9	25.9	12	< 10 U	5.9	< 30 U	--	3.4	--	--
	3/4/2010	N		--	< 0.5 U	--	< 0.50 U	--	0.586	--	34.1	36.9	36.9	2.1	< 1 U	< 1 U	< 1 U	--	0.785	1,000	17,500
	5/20/2014	N		0.0186 J	--	0.00746 J	--	--	< 0.0500 U	1.61	--	5.23	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	709	4,350
IW010	12/18/2003	N		--	< 0.05 U	--	0.09	0.05	--	--	2	0.05	0.05	--	--	--	--	--	--	330	2,780
	2/26/2004	N		--	< 0.01 U	0.13	0.14	--	--	0.9	6.04	0.06	0.12	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	--	--
	6/9/2004	N		--	< 0.01 U	0.08	0.09	< 0.1 U	--	25.4	27.2	42.2	46	--	--	--	--	--	--	2,050	--
	7/21/2004	N		--	< 0.01 U	0.14	0.17	< 0.1 U	--	--	67.3	91.5	105	--	--	--	--	--	--	2,300	--
	8/19/2004	N		--	< 0.01 U	0.27	0.23	< 0.1 U	--	160	138	68.9	58.6	--	--	--	--	--	--	2,300	--
	10/14/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	348	354	< 0.5 U	< 0.5 U	--	--	--	--	--	--	2,000	--
	12/7/2004	N		--	< 0.05 U	0.71	0.79	< 0.05 U	--	551	580	224	236	--	--	--	--	--	--	1,930	--
	1/11/2005	N		--	< 0.1 U	0.4	0.4	< 0.1 U	--	343	344	133	134	--	--	--	--	--	--	1,510	--
	2/2/2005	N		--	< 0.1 U	1.9	2.1	< 0.05 U	--	655	639	14.1	13.8	--	--	--	--	--	--	1,380	--
	2/24/2005	N		--	< 0.1 U	0.3	0.4	< 0.1 U	--	279	397	102	147	--	--	--	--	--	--	1,400	--
	2/25/2005	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/23/2005	N		--	< 0.1 U	0.4	0.4	< 0.005 U	--	355	352	< 0.1 U	< 0.1 U	--	--	--	--	--	--	1,110	--
	4/25/2005	N		--	< 0.01 U	0.43	0.44	< 0.05 U	--	359	359	125	125	--	--	--	--	--	--	1,190	--
	5/31/2005	N		--	< 0.1 U	0.5	1.5	< 0.05 U	--	306	622	101	< 0.1 U	--	--	--	--	--	--	1,140	--
	6/23/2005	N		--	< 0.05 U	0.37	0.42	< 0.05 U	--	312	353	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,120	--
	7/13/2005	N		--	< 0.1 U	0.4	0.4	< 0.05 U	--	368	355	84.5	81.4	--	--	--	--	--	--	940	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	2/7/2006	N		--	**0.0906**	--	**0.11**	--	< 2 U	--	**117**	**42.4**	**42.4**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 2000 U	**970**	**12,500**
	7/27/2006	N		--	**0.0605**	--	**0.0236**	--	< 2 U	--	**5.43**	**9.86**	**9.86**	< 25 U	< 25 U	< 25 U	< 75 U	**1.2**	< 1.3 U	**971**	**3,990**
IW010	3/23/2007	N		--	**0.397**	--	**0.0198**	--	**0.2**	--	**15.3**	**10.9**	**10.9**	< 5 U	< 1 U	< 1 U	< 3 U	**0.65**	< 0.05 U	**1,020**	--
	3/31/2008	N		--	**0.0411**	--	< 0.015 U	--	< 0.5 U	--	**17.4**	**11**	**11**	< 5 U	< 5 U	< 5 U	< 15 U	< 0.19 U	< 0.025 U	**1,130**	**2,860**
	3/19/2009	N		--	**0.0208**	--	< 0.015 U	--	< 0.02 U	--	**18.1**	**11.7**	**11.7**	< 5 U	< 5 U	< 5 U	< 15 U	**0.12**	< 0.250 U	**1,150**	**3,290**
	3/4/2010	N		--	**0.074**	--	< 0.050 U	--	< 0.050 U	--	**6.88**	**11.4**	**11.4**	< 1 U	< 1 U	< 1 U	< 1 U	**0.126**	**0.33**	**1,100**	**3,180**
	5/15/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	**0.0257**	**1.86**	--	**10.1**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1090 J**	**3,960**
	5/7/2013	N		< 0.0200 U	--	**0.00403 J**	--	--	< 0.0100 U	**0.0813 J**	--	**9.17**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,040**	**3,350**
	5/19/2014	N		< 0.0200 U	--	**0.00147 J**	--	--	< 0.0500 U	< 0.200 U	--	**10.1**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,030**	**3,310**
	5/18/2015	N		**0.00921 J**	--	**0.00158 J**	--	--	< 0.0100 R	**0.453 J**	--	**10.1**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,030**	**3,590**
	5/17/2016	N		**0.0164**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**884**	**3,150**
	5/8/2017	N		**0.00571**	--	< 0.004 U	--	**0.0062 J**	--	**11**	--	**7.31**	--	--	--	--	--	--	--	**913**	**3,080**
	3/22/2018	Reg		--	**0.00789**	--	**0.00191 J**	--	< 0.0100 U	**8.83**	--	--	**5.01**	--	--	--	--	--	--	**906**	**2,940**
	12/18/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	**0.032**	--	< 0.1 U	**2**	< 0.05 U	< 0.5 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,050**	**2,960**
	6/8/2004	N		--	< 0.01 U	< 0.05 U	**0.05**	< 0.1 U	--	**30.9**	**36.5**	**5.37**	**6.36**	--	--	--	--	--	--	**1,500**	--
	7/21/2004	N		--	< 0.01 U	**0.05**	**0.09**	< 0.1 U	--	**80.3**	**89.3**	**18.4**	**21.5**	--	--	--	--	--	--	**2,100**	--
	8/19/2004	N		--	< 0.01 U	**0.06**	**0.06**	< 0.1 U	--	**54.6**	**57.6**	**3.59**	**4.23**	--	--	--	--	--	--	**2,000**	--
	10/14/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**74**	**63**	**5**	**4.7**	--	--	--	--	--	--	**740**	--
	12/7/2004	N		--	< 0.05 U	**0.2**	**0.26**	< 0.05 U	--	**333**	**403**	**32.9**	**41.8**	--	--	--	--	--	--	**1,100**	--
	1/12/2005	N		--	< 0.01 U	< 0.1 U	< 0.1 U	< 0.1 U	--	**89**	**97.8**	**5**	**0.38**	--	--	--	--	--	--	**350**	--
	2/2/2005	N		--	< 0.1 U	**1**	**1.4**	< 0.05 U	--	**95.2**	**147**	**6.6**	**13.5**	--	--	--	--	--	--	**330**	--
	2/24/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	**75.5**	**104**	**6.3**	**8.8**	--	--	--	--	--	--	**470**	--
	3/23/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.005 U	--	**48.5**	**62.7**	**3.7**	**5.9**	--	--	--	--	--	--	**230**	--
	4/26/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**93.5**	**97.3**	**7.5**	**8.2**	--	--	--	--	--	--	**360**	--
	5/26/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**52.7**	**84.6**	**5**	**10.3**	--	--	--	--	--	--	**380**	--
IW011	6/23/2005	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	--	**37.9**	**39.1**	**2.85**	**3.11**	--	--	--	--	--	--	**320**	--
	7/14/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**50.2**	**48.1**	**2.5**	**2.4**	--	--	--	--	--	--	**490**	--
	2/8/2006	N		--	**0.0537**	--	**0.0694**	--	< 2 U	--	**161**	**11.6**	**11.6**	< 100 U	< 100 U	< 100 U	< 300 U	< 600 U	< 4000 U	**624**	**25,000**
	7/26/2006	N		--	**0.0257**	--	**0.0272**	--	< 2 U	--	**57**	**11.8**	**11.8**	< 25 U	< 25 U	< 25 U	< 75 U	**1700**	**18**	**908**	**13,600**
	3/22/2007	N		--	**0.108**	--	**0.0317**	--	< 1 U	--	**10.8**	**2.41**	**2.41**	< 100 U	< 100 U	< 100 U	< 300 U	**110**	< 5 U	**980**	--
	3/31/2008	N		--	**0.187**	--	**0.0263**	--	< 2.0 U	--	**8.03**	**2.7**	**2.7**	< 5 U	< 5 U	< 5 U	< 15 U	**5.1**	< 0.025 U	**1,080**	**5,340**
	3/18/2009	N		--	**0.0874**	--	< 0.015 U	--	< 0.002 U	--	**4.4**	**2.18**	**2.18**	< 5 U	< 5 U	< 5 U	< 15 U	**2.2**	< 0.250 U	**1,000**	**4,320**
	3/4/2010	N		--	< 0.5 U	--	< 0.500 U	--	**0.147**	--	**7.14**	**3.2**	**3.2**	< 1 U	< 1 U	< 1 U	< 1 U	**0.997**	**0.188**	**999**	**3,800**
	5/15/2012	N		**0.0363 J**	--	< 0.0100 U	--	--	**0.0807**	**1.7**	--	**1.48**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**986 J**	**3,380**
	5/7/2013	N		**0.0457**	--	< 0.0100 U	--	--	< 0.0100 U	**0.765**	--	**0.99**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,000**	**3,390**
	5/19/2014	N		**0.0337**	--	**0.00380 J**	--	--	< 0.0500 U	**0.818**	--	**1.02**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**970**	**3,200**
	5/18/2015	N		**0.0419**	--	**0.00376 J**	--	--	< 0.0100 R	**1.07 J**	--	**1.43**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,060**	**3,530**
	5/17/2016	N		**0.00574 J**	--	**0.00301 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**894**	**2,700**
	5/8/2017	N		**0.00779**	--	< 0.004 U	--	< 0.01 U	--	**0.173**	--	**0.588**	--	--	--	--	--	--	--	**993**	**2,780**
	6/8/2004	N		--	< 0.01 U	**0.06**	**0.08**	< 0.1 U	--	**42.6**	**51.3**	**7.97**	**9.97**	--	--	--	--	--	--	**2,300**	--
	8/19/2004	N		--	< 0.01 U	**0.07**	**0.06**	< 0.1 U	--	**73.9**	**69.5**	**0.61**	**1.1**	--	--	--	--	--	--	**1,600**	--
	10/14/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**65**	**91**	**3.6**	**4.6**	--	--	--	--	--	--	**1,020**	--
	2/3/2005	N		--	< 0.1 U	**0.1**	**0.2**	< 0.1 U	--	**182**	**280**	**9.7**	**15**	--	--	--	--	--	--	**430**	--
IW012	3/30/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**105**	**110**	**3.4**	**3.6**	--	--	--	--	--	--	--	--
	6/23/2005	N		--	< 0.05 U	< 0.05 U	**0.05**	< 0.05 U	--	**52.4**	**56.2**	**2.23**	**2.4**	--	--	--	--	--	--	--	--
	7/14/2005	N		--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**68.6**	**65.7**	**2.6**	**2.6**	--	--	--	--	--	--	**380**	--
	5/17/2016	N		**0.0187**	--	**0.0148**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**809**	**3,420**
	5/8/2017	N		**0.0103**	--	**0.0126**	--	< 0.01 U	--	**2.55**	--	**0.32**	--	--	--	--	--	--	--	**952**	**3,320**
	2/10/2004	N		--	< 0.05 U	**0.15**	**0.15**	**0.103**	--	< 0.1 U	**2.6**	< 0.05 U	**0.09**	< 2 U	**3**	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,080**	**2,710**
	6/8/2004	N		--	< 0.01 U	**0.3**	**0.3**	< 0.1 U	--	**13.6**	**14.4**	**7.51**	**7.7**	--	--	--	--	--	--	**2,700**	--
	7/21/2004	N		--	< 0.01 U	**0.38**	**0.45**	**9**	--	**58**	**63.8**	**11.5**	**12.9**	--	--	--	--	--	--	**2,000**	--
	8/19/2004	N		--	< 0.01 U	**0.18**	**0.19**	< 0.1 U	--	**75.5**	**78.3**	**6.96**	**7.54**	--	--	--	--	--	--	**1,300**	--
	10/19/2004	N		--	< 0.01 U	**0.6**	**0.75**	< 0.005 U	--	**265**	**360**	**15.1**	**19.5**	--	--	--	--	--	--	**1,620**	--
	12/7/2004	N		--	< 0.05 U	**0.7**	**1.29**	< 0.05 U	--	**301**	< 0.4 U	**25.2**	**44.6**	--	--	--	--	--	--	**1,640**	--
	1/12/2005	N		--	< 0.1 U	**0.7**	**0.7**	< 0.1 U	--	**318**	**309**	**17.9**	**18.5**	--	--	--	--	--	--	**900**	--
	2/3/2005	N		--	< 0.1 U	**0.7**	**1**	< 0.1 U	--	**341**	**476**	**15.6**	**22**	--	--	--	--	--	--	**570**	--
IW013	2/24/2005	N		--	< 0.1 U	**0.5**	**0.6**	< 0.1 U	--	**270**	**334**	**10.9**	**13.5**	--	--	--	--	--	--	**670**	--
	3/24/2005	N		--	< 0.1 U	**0.5**	**0.5**	< 0.005 U	--	**282**	**295**	**12.2**	**12**	--	--	--	--	--	--	**430**	--
	4/26/2005	N		--	< 0.1 U	**0.7**	**0.7**	< 0.05 U	--	**349**	**359**	**12.3**	**12.7**	--	--	--	--	--	--	**540**	--
	5/25/2005	N		--	< 0.01 U	**0.32**	**0.04**	< 0.05 U	--	< 0.4 U	**21.1**	< 0.01 U	**0.76**	--	--	--	--	--	--	**340**	--
	6/23/2005	N		--	< 0.05 U	**0.39**	**0.42**	< 0.05 U	--	**222**	**236**	**7.76**	**8.25**	--	--	--	--	--	--	**510**	--
	7/14/2005	N		--	< 0.1 U	**0.5**	**0.5**	< 0.05 U	--	**264**	**254**	**6.5**	**6.2**	--	--	--	--	--	--	**540**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	2/8/2006	N	--	**0.0405**	--	**0.418**	--	< 2 U	--	**295**	**6.79**	**6.79**	< 100 U	< 100 U	< 100 U	< 300 U	< 600 U	< 1000 U	**1,160**	**26,400**
	2/8/2006	FD	--	**0.0424**	--	**0.411**	--	< 2 U	--	**291**	**6.74**	**6.74**	< 100 U	< 100 U	< 100 U	< 300 U	< 600 U	< 2000 U	**988**	**22,100**
	7/27/2006	N	--	**0.033**	--	**0.0585**	--	< 2 U	--	**47.7**	**1.35**	**1.35**	< 25 U	< 25 U	< 25 U	< 75 U	**190**	< 1.3 U	**952**	**4,730**
	7/27/2006	FD	--	**0.0325**	--	**0.0592**	--	< 2 U	--	**49**	**1.38**	**1.38**	< 25 U	< 25 U	< 25 U	< 75 U	**220**	< 1.3 U	**965**	**4,710**
	3/22/2007	N	--	**0.0342**	--	**0.0311**	--	< 1 U	--	**10.1**	**1.03**	**1.03**	< 2 U	< 1 U	**2.7**	< 20 U	**390**	**0.86**	**890**	--
	3/26/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.2 U	--	**0.247**	**0.315**	**0.315**	< 5 U	< 5 U	< 5 U	< 15 U	**0.69**	< 0.025 U	**1,050**	**2,810**
	3/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.282**	**0.282**	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.050 U	**1,020**	**2,960**
	3/5/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.323**	**0.291**	**0.291**	< 1 U	< 1 U	< 1 U	< 1 U	**0.086**	< 0.050 U	**976**	**3,180**
IW013	5/15/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	**0.0116**	**0.301**	--	**0.22**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1060 J**	**3,780**
	5/13/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.398**	--	**0.226**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,030**	**3,120**
	5/19/2014	N	**0.00915 J**	--	**0.00443 J**	--	--	< 0.0500 U	< 0.200 U	--	**0.221**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,100**	**2,990**
	5/18/2015	N	**0.00657 J**	--	**0.00347 J**	--	--	< 0.0100 R	< 0.200 UJ	--	**0.162**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,010**	**3,440**
	5/17/2016	N	**0.00879 J**	--	**0.00368 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**985**	**3,110**
	5/8/2017	N	**0.00494**	--	**0.00637**	--	< 0.01 U	--	**0.839**	--	**0.18**	--	--	--	--	--	--	--	**2,180**	**5,430**
	2/11/2004	N	--	< 0.05 U	< 0.05 U	< 0.05 U	**0.007**	--	< 0.1 U	**1.3**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,400**	**3,810**
	6/10/2004	N	--	< 0.01 U	**0.06**	**0.07**	< 0.1 U	--	**44**	**67**	**2.98**	**5.2**	--	--	--	--	--	--	**1,800**	--
	7/21/2004	N	--	< 0.01 U	< 0.05 U	**0.08**	< 0.1 U	--	**126**	**151**	**5.85**	**7.11**	--	--	--	--	--	--	**1,800**	--
	8/19/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	**38.4**	**35**	**0.69**	**0.9**	--	--	--	--	--	--	**900**	--
	10/19/2004	N	--	< 0.1 U	**0.9**	**0.9**	< 0.005 U	--	**1190**	**1160**	**63.3**	**62.3**	--	--	--	--	--	--	**1,140**	--
	12/7/2004	N	--	< 0.05 U	**0.2**	**0.32**	< 0.05 U	--	**306**	< 0.4 U	**9.5**	**15.1**	--	--	--	--	--	--	**1,460**	--
	1/13/2005	N	--	< 0.1 U	**0.02**	< 0.1 U	< 0.1 U	--	< 0.4 U	**147**	< 0.01 U	**1.1**	--	--	--	--	--	--	--	**490**	--
	2/3/2005	N	--	< 0.1 U	**0.1**	**0.1**	< 0.1 U	--	**106**	**105**	**3.5**	**3.3**	--	--	--	--	--	--	**340**	--
	2/24/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	**57.7**	**78.4**	**2.5**	**3.4**	--	--	--	--	--	--	**520**	--
	3/24/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.005 U	--	**55.6**	**56.7**	**1.1**	**1.1**	--	--	--	--	--	--	**220**	--
	4/26/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**83**	**83.3**	**1.1**	**1.1**	--	--	--	--	--	--	**230**	--
	5/25/2005	N	--	< 0.01 U	**0.05**	< 0.01 U	< 0.05 U	--	**39.3**	**5.52**	**0.61**	**0.09**	--	--	--	--	--	--	**180**	--
	6/28/2005	N	--	< 0.05 U	**0.08**	**0.08**	< 0.05 U	--	**92.3**	**96.4**	**1.46**	**1.54**	--	--	--	--	--	--	**330**	--
	7/14/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**65.4**	**65.9**	**0.7**	**0.7**	--	--	--	--	--	--	**460**	--
IW014	2/13/2006	N	--	**0.0518**	--	**0.199**	--	< 10 U	--	**466**	**5.3**	**5.3**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 2500 U	**666**	**34,100**
	2/13/2006	FD	--	**0.0524**	--	**0.202**	--	< 2 U	--	**485**	**5.32**	**5.32**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 1800 U	**565**	**33,000**
	7/25/2006	N	--	**0.047**	--	**0.072**	--	< 2 U	--	**228**	**3.34**	**3.34**	**98**	< 25 U	< 500 U	< 75 U	**2400**	**70**	**964**	**18,600**
	7/25/2006	FD	--	**0.0484**	--	**0.0755**	--	< 2 U	--	**218**	**3.48**	**3.48**	**31**	< 20 U	< 500 U	< 500 U	**2600**	**56**	**1,010**	**19,000**
	3/26/2007	N	--	**0.0877**	--	**0.0494**	--	< 2 U	--	**144**	**2.43**	**2.43**	< 100 U	< 100 U	< 100 U	< 300 U	**1700**	**9.9**	**1,080**	--
	3/28/2007	N	--	**0.0819**	--	--	--	--	--	**141**	**2.4**	**2.4**	--	--	--	--	--	--	--	--
	3/26/2008	N	--	**0.173**	--	**0.075**	--	< 1 U	--	**14.9**	**0.678**	**0.678**	< 50 U	< 50 U	< 50 U	< 150 U	**170**	< 2.5 U	**1,170**	**6,360**
	3/18/2009	N	--	**0.229**	--	**0.0188**	--	< 0.002 U	--	**1.59**	**0.413**	**0.413**	< 5 U	< 5 U	< 5 U	< 15 U	**4.1**	< 0.25 U	**1,190**	**5,750**
	3/3/2010	N	--	< 0.50 U	--	< 0.50 U	--	--	--	**8.19**	< 0.50 U	< 0.50 U	< 1 U	**2.3**	< 1 U	< 1 U	**1.49**	< 0.05 U	**1,090**	**4,140**
	5/15/2012	N	**0.0336 J**	--	< 0.0200 U	--	--	**0.54**	**1.71**	--	**0.388**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1150 J**	**3,640**
	5/15/2012	FD	**0.0620 J**	--	< 0.0200 U	--	--	**0.558**	**1.9**	--	**0.345**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1140 J**	**3,520**
	5/6/2013	N	**0.144**	--	**0.0731**	--	--	< 0.100 U	**2.19**	--	**0.785**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,080**	**3,190**
	5/19/2014	N	**0.0508**	--	**0.0128**	--	--	< 0.0500 U	< 0.200 U	--	**0.277**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,040**	**3,380**
	5/19/2015	N	**0.0611**	--	**0.0121**	--	--	< 0.0500 R	**2.38 J**	--	**0.293**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,350**	**3,600**
	5/17/2016	N	**0.0522**	--	**0.00898 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**1,150**	**3,460**
	5/8/2017	N	**0.0346**	--	**0.00776**	--	< 0.01 U	--	**0.0237**	--	**0.2**	--	--	--	--	--	--	--	**1,400**	**3,380**
	2/25/2004	N	--	< 0.05 U	**0.22**	**0.24**	**0.18**	--	< 0.1 U	**6.5**	< 0.05 U	**0.19**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,300**	--
	6/3/2004	N	--	< 0.01 U	**0.09**	**0.1**	< 0.1 U	--	**18.5**	**21.7**	**6.14**	**7.27**	--	--	--	--	--	--	**1,700**	--
	7/8/2004	N	--	< 0.01 U	**0.19**	**0.27**	**0.3**	--	**64.5**	**76.4**	**9.32**	**11.3**	--	--	--	--	--	--	**2,200**	--
	8/18/2004	N	--	< 0.01 U	**0.15**	**0.15**	< 0.1 U	--	**52.1**	**51.7**	**3.11**	**2.91**	--	--	--	--	--	--	**1,700**	--
	10/11/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**129**	**121**	**12.3**	**11.6**	--	--	--	--	--	--	**1,990**	--
	1/5/2005	N	--	< 0.1 U	**0.02**	**0.3**	**0.01**	--	**79.7**	**86.2**	**0.33**	**7.1**	--	--	--	--	--	--	**1,070**	--
	2/21/2005	N	--	< 0.1 U	**0.2**	**0.3**	< 0.02 U	--	**53.1**	**77.8**	**5.6**	**8.4**	--	--	--	--	--	--	**630**	--
	3/17/2005	N	--	< 0.1 U	**0.2**	**0.2**	< 0.1 U	--	**56.2**	**55.3**	**3.8**	**3.8**	--	--	--	--	--	--	**450**	--
	4/19/2005	N	--	< 0.1 U	**0.2**	**0.2**	< 0.02 U	--	**46.9**	**48.8**	**3.3**	**3.4**	--	--	--	--	--	--	**370**	--
	6/1/2005	N	--	< 0.05 U	**0.12**	**0.17**	< 0.05 U	--	**27.1**	**39.6**	**2.4**	**3.52**	--	--	--	--	--	--	**420**	--
IW015	6/21/2005	N	--	< 0.05 U	**0.18**	**0.24**	< 0.05 U	--	**56**	**54.6**	**5.44**	**8.26**	--	--	--	--	--	--	**490**	--
	7/21/2005	N	--	< 0.05 U	**0.21**	**0.21**	< 0.05 U	--	**55.6**	**55**	**3.66**	**3.62**	--	--	--	--	--	--	**810**	--
	2/9/2006	N	--	**0.0806**	--	**0.301**	--	< 2 U	--	**53.1**	**4.4**	**4.4**	< 100 U	< 100 U	< 100 U	< 300 U	< 3000 U	< 8000 U	**1,000**	**46,700**
	7/25/2006	N	--	**0.216**	--	**0.157**	--	< 2 U	--	**10.4**	**0.786**	**0.786**	< 10 U	< 10 U	< 10 U	< 200 U	**1600**	**5.2**	**1,050**	**15,100**
	4/9/2007	N	--	**0.485**	--	**0.165**	--	< 2 U	--	**21**	**0.443**	**0.443**	< 50 U	< 50 U	< 50 U	< 3 U	**20**	< 2.5 U	**1,060**	--
	4/3/2008	N	--	**0.236**	--	**0.075**	--	< 2 U	--	**20.3**	**0.402**	**0.402**	< 10 U	< 10 U	< 10 U	< 3 U	**3.1**	< 0.5 U	**1,040**	**4,410**
	3/23/2009	N	--	**0.107**	--	**0.0566**	--	< 2 U	--	**14.8**	**0.339**	**0.339**	**7.6**	< 5 U	< 5 U	< 15 U	**2.6**	< 0.25 U	**984**	**4,040**
	3/3/2010	N	--	< 0.50 U	--	< 0.50 U	--	< 0.01 U	--	**19.4**	< 0.50 U	< 0.50 U	< 1 U	< 2 U	< 1 U	< 1 U	**1.27**	< 0.05 U	**849**	**2,960**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

ARCADIS Design & Consultancy for natural and built assets

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/11/2012	N	**0.021**	--	**0.0202**	--	--	**0.107**	**2.19**	--	**0.274**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1000 J**	**3,280**
	5/20/2014	N	**0.0237**	--	**0.0153**	--	--	< 0.0500 U	**0.617**	--	**0.0939**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,030**	**2,760**
	5/12/2015	N	**0.0295**	--	< 0.0100 U	--	--	< 0.0500 U	< 0.200 U	--	**0.0877**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,050**	**3,010**
IW015	5/17/2016	N	**0.0166**	--	**0.00932 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**506**	**3,090**
	5/8/2017	N	**0.0102**	--	**0.0119**	--	< 0.01 U	--	**0.196**	--	**0.0861**	--	--	--	--	--	--	--	**948**	**2,460**
	2/11/2004	N	--	< 0.05 U	**0.12**	**0.13**	**0.096**	--	< 0.1 U	**1.9**	< 0.05 U	**0.05**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**980**	**2,710**
IW016	6/3/2004	N	--	< 0.01 U	**0.07**	**0.07**	< 0.1 U	--	**38.5**	**42.4**	**5.2**	**5.69**	--	--	--	--	--	--	**2,300**	--
	7/7/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**84**	**81.1**	**5.8**	**5.8**	--	--	--	--	--	--	**2,100**	--
	8/17/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**24**	**40**	**1**	**1.7**	--	--	--	--	--	--	**2,500**	--
	10/10/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**212**	**185**	**4.7**	**4.1**	--	--	--	--	--	--	**1,750**	--
	11/22/2004	N	--	< 0.1 U	**0.2**	**0.2**	< 0.1 U	--	**214**	**287**	**11.5**	**14.7**	--	--	--	--	--	--	**143**	**47,400**
	1/4/2005	N	--	< 0.1 U	**0.1**	**0.1**	**0.005**	--	**211**	**211**	**7.6**	**7.6**	--	--	--	--	--	--	**630**	--
	1/27/2005	N	--	< 0.1 U	< 0.1 U	**0.2**	< 0.1 U	--	**89.5**	**213**	**3.3**	**12**	--	--	--	--	--	--	**340**	--
	2/16/2005	N	--	< 0.1 U	**0.1**	**0.2**	< 0.005 U	--	**152**	**261**	**5.9**	**10**	--	--	--	--	--	--	**510**	--
	3/15/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	--	**87.4**	**112**	**1.3**	**3.9**	--	--	--	--	--	--	**320**	--
	4/19/2005	N	--	< 0.1 U	**0.2**	**0.2**	< 0.02 U	--	**212**	**200**	**14.5**	**13.7**	--	--	--	--	--	--	**350**	--
	6/1/2005	N	--	< 0.05 U	**0.08**	**0.14**	< 0.05 U	--	**106**	**205**	**5.4**	**14**	--	--	--	--	--	--	**400**	--
	6/21/2005	N	--	< 0.01 U	**0.07**	**0.07**	< 0.05 U	--	**92.5**	**75**	**4.44**	**4.22**	--	--	--	--	--	--	**520**	--
	7/20/2005	N	--	< 0.05 U	**0.09**	**0.09**	< 0.05 U	--	**100**	**108**	**4.95**	**5.2**	--	--	--	--	--	--	**450**	--
IW016	2/8/2006	N	--	**0.185**	--	**0.138**	--	< 2 U	--	**270**	**13.1**	**13.1**	< 100 U	< 100 U	< 100 U	< 300 U	< 600 U	< 4000 U	**848**	**71,600**
	7/25/2006	N	--	**0.133**	--	**0.0484**	--	< 2 U	--	**117**	**13.4**	**13.4**	< 10 U	< 10 U	< 10 U	< 30 U	**2600**	**4.4**	**987**	**18,100**
	3/28/2007	N	--	**0.06**	--	**0.0293**	--	< 1 U	--	**13.4**	**1.42**	**1.42**	< 100 U	< 100 U	< 100 U	< 3 U	**19**	< 5 U	**846**	--
	4/2/2008	N	--	**0.0586**	--	**0.0221**	--	< 2 U	--	**11.5**	**1**	**1**	< 5 U	< 5 U	< 5 U	< 15 U	**3.5**	< 0.250 U	**769**	**4,150**
	3/24/2009	N	--	**0.0537**	--	**0.0202**	--	< 2 U	--	**14.4**	**0.978**	**0.978**	< 5 U	< 5 U	< 5 U	< 15 U	**4.5**	< 0.25 U	**677**	**3,240**
	3/3/2010	N	--	< 0.50 U	--	< 0.50 U	--	< 0.01 U	--	**19.1**	**0.99**	**0.99**	< 1 U	< 2 U	< 1 U	< 1 U	**1.1**	< 0.05 U	**486**	**2,980**
	5/9/2012	N	**0.0817**	--	< 0.0100 U	--	--	**0.0642**	**0.791**	--	**0.334**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**406**	**1,490**
	5/20/2014	N	**0.00577 J**	--	< 0.0100 U	--	--	< 0.0500 U	< 0.200 U	--	**0.225**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**478**	**1,660**
	5/13/2015	N	< 0.0200 U	--	**0.00159 J**	--	--	< 0.0500 U	**0.125 J**	--	**0.16**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**479**	**1,770**
	5/17/2016	N	**0.00625 J**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**291**	**1,340**
	5/8/2017	N	**0.00501**	--	< 0.004 U	--	< 0.01 UJ	--	**0.0498**	--	**0.0772**	--	--	--	--	--	--	--	**328**	**1,270**
	2/6/2006	N	--	**0.112**	--	**2.88**	--	**0.27**	--	**10.1**	**0.512**	**0.512**	**2.2**	< 1 U	< 1 U	< 3 U	**3.3**	< 0.6 U	**1,340**	**4,040**
	7/21/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.295**	**0.295**	< 1 U	< 1 U	< 1 U	< 3 U	**3.8**	< 0.05 U	**400**	**1,700**
	4/9/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.705**	**0.5**	**0.5**	< 1 U	< 1 U	< 1 U	< 3 U	**2.2**	< 0.05 U	**175**	--
	4/9/2008	N	--	**0.051**	--	**1.08**	--	**0.29**	--	**3.16**	**0.438**	**0.438**	< 1 U	< 1 U	< 1 U	< 3 U	**2.3**	< 0.05 U	**1,140**	**3,260**
	3/24/2009	N	--	< 0.02 U	--	**0.248**	--	**0.18**	--	< 0.2 U	**0.92**	**0.92**	< 1 U	< 1 U	< 1 U	< 3 U	**3.1**	< 0.05 U	**1,130**	**3,080**
IW018	3/25/2010	N	--	< 0.05 U	--	**0.305**	--	**0.218**	--	**0.14**	**0.527**	**0.527**	< 1 U	< 1 U	< 1 U	< 1 U	**1.74**	**0.065**	**535**	**1,870**
	5/11/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**66.7 J**	**792**
	5/10/2013	N	**0.0309**	--	**1.17**	--	--	**0.856**	**1.94**	--	**1.43**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**932**	**3,520**
	5/20/2014	N	**0.00653 J**	--	**0.00193 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.348**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**532**	**1,640**
	5/8/2015	N	**0.0144 J**	--	**0.00519 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.416**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**599**	**1,890**
	5/8/2015	FD	**0.0146 J**	--	**0.00457 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.411**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**550**	**1,810**
	5/19/2016	N	**0.0373**	--	**0.879**	--	**0.548**	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.986 U	< 0.986 U	**796**	**3,250**
	2/7/2006	N	--	< 0.02 U	--	**1.06**	--	**0.88**	--	< 0.2 U	**0.0405**	**0.0405**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,780**	**4,960**
	7/24/2006	N	--	< 0.02 U	--	**1.14**	--	**0.99**	--	< 0.2 U	**0.0314**	**0.0314**	< 1 U	< 1 U	< 1 U	< 3 U	**0.93**	< 0.05 U	**1,800**	**5,030**
	4/6/2007	N	--	< 0.02 U	--	**1.24**	--	**1.1**	--	< 0.2 U	**0.0268**	**0.0268**	< 1 U	< 1 U	< 1 U	< 3 U	**0.74**	< 0.05 U	**1,620**	--
	4/8/2008	N	--	< 0.02 U	--	**1.51**	--	**1.4**	--	< 0.2 U	**0.0283**	**0.0283**	< 1 U	< 1 U	< 1 U	< 3 U	**0.47**	< 0.05 U	**1,680**	**4,470**
	3/25/2009	N	--	< 0.02 U	--	**1.57**	--	**1.4**	--	< 0.2 U	**0.0297**	**0.0297**	< 1 U	< 1 U	< 1 U	< 3 U	**0.61**	< 0.05 U	**1,730**	**4,680**
	3/25/2010	N	--	< 0.05 U	--	**0.328**	--	**0.425**	--	**0.065**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.724**	< 0.074 U	**803**	**2,390**
	5/11/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**69.0 J**	**684**
IW019	5/10/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0196 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**386**	**1,390**
	5/20/2014	N	< 0.0200 U	--	**0.00194 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0419**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**484**	**1,580**
	5/8/2015	N	**0.0112 J**	--	**0.00352 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0441**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**361**	**1,660**
	5/19/2016	N	**0.0319**	--	**1.38**	--	**1.27**	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.986 U	< 0.986 U	**1,220**	**3,960**
	5/5/2017	N	**0.00833 J**	--	**0.563 J**	--	**0.87**	--	< 0.02 U	--	**0.0328 J**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**1,070**	**2,540**
	9/26/2017	N	**0.00947**	--	**0.743**	--	**0.693**	--	**0.157 J**	--	**0.24**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**1,000**	**4,380**
	4/4/2018	Reg	--	**0.00908**	--	**0.66**	--	**0.616**	< 0.100 U	--	--	**0.381**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**1,070**	**3,190**
	9/11/2018	Reg	**0.0101**	--	**0.757**	--	**0.687**	--	--	< 0.100 U	**0.0349**	--	< 2 U	< 2 U	< 2 U	< 2 U	--	< 1.50 U	**1,060**	**3,270**
	2/7/2006	N	--	< 0.02 U	--	**0.777**	--	**0.76**	--	< 0.2 U	**0.017**	**0.017**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**999**	**2,990**
	7/24/2006	N	--	< 0.02 U	--	**0.898**	--	**0.8**	--	< 0.2 U	**0.0077**	**0.0077**	< 1 U	< 1 U	< 1 U	< 3 U	**0.31**	< 0.05 U	**521**	**2,660**
	4/10/2007	N	--	< 0.02 U	--	**1.51**	--	**1.5**	--	**3.23**	**0.124**	**0.124**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1200**	--
IW020	4/8/2008	N	--	< 0.02 U	--	**1.79**	--	**1.7**	--	< 0.2 U	**0.0295**	**0.0295**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**1180**	**4,170**
	3/25/2009	N	--	< 0.02 U	--	**2**	--	**1.9**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**1350**	**4,980**

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2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/5/2010	N	--	< 0.05 U	--	< 0.05 U	--	**1.29**	--	**1.29**	**0.083**	**0.083**	< 1 U	< 1 U	< 1 U	< 1 U	**0.116**	< 0.05 U	**1000**	**2,260**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**98.8 J**	**783**
	5/10/2013	N	< 0.0200 U	--	**0.111**	--	--	**0.0931**	< 0.200 U	--	**0.0407**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**408**	**2,000**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

ARCADIS Design & Consultancy for natural and built assets

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
IW021	2/7/2006	N		--	< 0.02 U	--	**0.701**	--	**0.68**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**692**	**2,530**
	7/24/2006	N		--	< 0.02 U	--	**0.93**	--	**0.81**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**673**	**2,660**
	4/5/2007	N		--	< 0.02 U	--	**1.14**	--	**1.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**753**	--
	4/8/2008	N		--	< 0.02 U	--	**1.73**	--	**1.6**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**859**	**3,370**
	3/25/2009	N		--	< 0.02 U	--	**1.74**	--	**1.6**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**1000**	**3,880**
	3/5/2010	N		--	< 0.05 U	--	**1.34**	--	**1.35**	--	**0.171**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.1**	< 0.05 U	**817**	**3,730**
	5/17/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**206 J**	**1,210**
	5/13/2013	N		**0.0120 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**266**	**1,550**
	5/21/2014	N		< 0.0200 U	--	**0.00181 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**545**	**2,270**
	5/8/2015	N		**0.0113 J**	--	**0.00705 J**	--	--	**0.00660 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**499**	**2,290**
	5/19/2016	N		**0.0323**	--	**0.76**	--	**0.716**	--	--	--	--	--	--	--	--	--	--	--	**886**	**3,670**
	5/5/2017	N		**0.00845**	--	**0.706**	--	**0.766**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**855**	**3,740**
IW022	2/7/2006	N		--	< 0.02 U	--	**0.526**	--	**0.5**	--	**0.298**	**0.0103**	**0.0103**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**624**	**2,240**
	7/25/2006	N		--	< 0.02 U	--	**0.489**	--	**0.46**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**662**	**2,080**
	4/10/2007	N		--	< 0.02 U	--	**0.505**	--	**0.52**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**713**	--
	4/7/2008	N		--	< 0.02 U	--	**0.785**	--	**0.82 ***	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**781**	**2,700**
	3/25/2009	N		--	< 0.02 U	--	**0.525**	--	**0.53**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**670**	**2,750**
	3/5/2010	N		--	< 0.05 U	--	**0.477**	--	**0.445**	--	**0.135**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.085**	< 0.05 U	**460**	**2,460**
	5/17/2012	N		< 0.0100 UJ	--	**0.0533**	--	--	**0.0499**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**216 J**	**1,170**
	5/13/2013	N		< 0.0200 U	--	**0.139**	--	--	**0.133**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**375**	**1,500**
	5/21/2014	N		< 0.0200 U	--	**0.0384**	--	--	**0.035**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**454**	**2,220**
	5/8/2015	N		**0.00997 J**	--	**0.0167**	--	--	**0.0145**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**437**	**2,210**
	5/19/2016	N		**0.0275**	--	**0.149**	--	**0.125**	--	--	--	--	--	--	--	--	--	--	--	**581**	**2,430**
	5/5/2017	N		**0.00833**	--	**0.171**	--	**0.178**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**739**	**3,070**
IW023	2/7/2006	N		--	< 0.02 U	--	**0.552**	--	**0.52**	--	**1.08**	**0.0441**	**0.0441**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**506**	**2,400**
	7/25/2006	N		--	< 0.02 U	--	**0.158**	--	**0.15**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**500**	**1,950**
	4/10/2007	N		--	< 0.02 U	--	**0.206**	--	**0.21**	--	**0.215**	**0.0069**	**0.0069**	**1**	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**620**	--
	4/7/2008	N		--	< 0.02 U	--	**0.248**	--	**0.20 ***	--	**2.02**	**0.0342**	**0.0342**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**659**	**2,350**
	3/16/2009	N		--	< 0.02 U	--	**0.285**	--	**0.25**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**650**	**2,560**
	8/11/2009	N		--	< 0.02 U	--	**0.3**	--	**0.28**	--	< 0.3 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**637**	**2,700**
	3/2/2010	N		--	< 0.05 U	--	**0.32**	--	**0.325**	--	< 0.05 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.052 U	< 0.05 U	**629**	**3,130**
	5/18/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**536**	**1,950**
	5/13/2013	N		**0.00985 J**	--	**0.0108**	--	--	**0.00760 J**	**0.0262 J**	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**537**	**1,680**
	5/21/2014	N		**0.00892 J**	--	**0.0189**	--	--	**0.0177**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**586**	**2,190**
	5/21/2014	FD		< 0.0200 U	--	**0.0161**	--	--	**0.0181**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**588**	**2,470**
	5/7/2015	N		**0.0138 J**	--	**0.0156**	--	--	**0.0111**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**576**	**1,960**
	5/19/2016	N		**0.0238**	--	**0.419**	--	**0.402**	--	--	--	--	--	--	--	--	--	--	--	**662**	**3,380**
	5/5/2017	N		**0.00817**	--	**0.397**	--	**0.41**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**729**	**2,900**
	9/22/2017	N		**0.00936**	--	**0.423**	--	**0.406**	--	**0.0417 J**	--	**0.00149 J**	--	--	--	--	--	--	--	**631**	**2,990**
	3/29/2018	Reg		--	**0.00871**	--	**0.378**	--	**0.369**	< 0.1	--	--	**0.000378 J**	--	--	--	--	--	--	**644**	**2,760**
	9/14/2018	Reg		**0.0102**	--	**0.376**	--	**0.307**	--	--	< 0.100 U	**0.000254 J**	--	--	--	--	--	--	--	**645**	**2,790**
	9/14/2018	FD		**0.0101**	--	**0.383**	--	**0.269**	--	--	< 0.100 U	< 0.00200 U	--	--	--	--	--	--	--	**638**	**2,880**
IW024	2/8/2006	N		--	< 0.02 U	--	**1.28**	--	**1.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**868**	**3,490**
	7/21/2006	N		--	< 0.02 U	--	**1.29**	--	**0.27**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**934**	**3,710**
	4/3/2007	N		--	< 0.02 U	--	**1.12**	--	**1.3**	--	< 0.2 U	**0.0061**	**0.0061**	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.05 U	**827**	--
	4/15/2008	N		--	< 0.02 U	--	**1.41**	--	**1.3**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**808**	**3,440**
	3/16/2009	N		--	< 0.02 U	--	**1.31**	--	**0.91**	--	< 0.2 U	**0.847**	**0.847**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**985**	**4,080**
	8/11/2009	N		--	< 0.02 U	--	**1.47**	--	**1.2**	--	< 0.2 U	**0.398**	**0.398**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1020**	**4,840**
	3/2/2010	N		--	< 0.05 U	--	**1.35**	--	**1.44**	--	**0.132**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.053 U	< 0.05 U	**910**	**4,360**
	5/24/2012	N		< 0.0100 U	--	**0.106**	--	--	**0.107**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**608**	**3,050**
	5/14/2013	N		< 0.0200 U	--	**0.0723**	--	--	**0.0651**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**443**	**2,230**
	5/22/2014	N		< 0.0200 U	--	**0.321**	--	--	**0.306**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**724**	**3,190**
	5/29/2015	N		**0.0135 J**	--	**0.0711**	--	--	**0.064**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**438**	**2,330**
	5/19/2016	N		**0.0312**	--	**1.22**	--	**1.12**	--	--	--	--	--	--	--	--	--	--	--	**846**	**3,970**
	5/4/2017	N		**0.00877**	--	**1.13**	--	**1.26**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**871**	**3,960**
	4/4/2018	Reg		--	**0.00924**	--	**0.99**	--	**1.04**	< 0.100 U	--	--	**0.000827 J**	--	--	--	--	--	--	**920**	**3,450**
IW025	2/8/2006	N		--	< 0.02 U	--	**0.377**	--	**0.39**	--	**0.4**	**0.0077**	**0.0077**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**584**	**2,380**
	7/21/2006	N		--	< 0.02 U	--	**0.645**	--	**0.63**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**632**	**2,670**
	4/3/2007	N		--	< 0.02 U	--	--	--	--	--	**0.978**	**0.0146**	**0.0146**	--	--	--	--	--	--	--	--
	4/14/2008	N		--	< 0.02 U	--	**1.19**	--	**1.2**	--	**0.451**	**0.0066**	**0.0066**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**801**	**3,220**
	3/16/2009	N		--	< 0.02 U	--	**0.0479**	--	< 0.020 U	--	< 0.2 U	**0.157**	**0.157**	< 1 U	**1.5**	**1**	**5.4**	< 0.097 U	< 0.05 U	**502**	**3,290**
	8/13/2009	N		--	< 0.02 U	--	**0.0387**	--	< 0.020 U	--	< 0.2 U	**0.263**	**0.263**	< 1 U	< 1 U	**1**	**5.8**	**0.19**	< 0.05 U	**582**	**3,220**

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Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	3/2/2010	N		--	< 0.05 U	--	< 0.050 U	--	**0.217**	--	**0.162**	**0.46**	**0.46**	< 1 U	< 2 U	< 1 U	**2.3**	< 0.051 U	< 0.05 U	**627**	**3,710**
	5/24/2012	N		< 0.0100 U	--	**0.0777**	--	--	**0.0312**	**1.2**	--	**0.223**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**501**	**2,930**
	5/14/2013	N		< 0.0200 U	--	**0.0269**	--	--	< 0.0100 U	**0.993**	--	**0.12**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**531**	**2,490**
	5/22/2014	N		< 0.0200 U	--	**0.0595**	--	--	< 0.0100 U	< 0.200 U	--	**0.345**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**680**	**2,730**
IW025	5/29/2015	N		**0.00840 J**	--	**0.0676**	--	--	< 0.0100 U	**1.99**	--	**0.174**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**513**	**2,970**
	5/19/2016	N		**0.0255**	--	**0.0552**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**755**	**4,430**
	5/4/2017	N		< 0.002 U	--	**0.0255**	--	< 0.01 U	--	**0.063**	--	**0.822**	--	--	--	--	--	--	--	**832**	**3,750**
	2/8/2006	N		--	< 0.02 U	--	**0.499**	--	**0.47**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**612**	**2,930**
	7/21/2006	N		--	< 0.02 U	--	**0.618**	--	**0.6**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**583**	**2,990**
	4/3/2007	N		--	< 0.02 U	--	**0.0403**	--	**0.035**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**467**	--
IW026	4/14/2008	N		--	< 0.02 U	--	--	--	--	--	**0.648**	**0.0178**	**0.0178**	--	--	--	--	--	--	--	--	**1,630**
	3/16/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.020 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**518**	**1,790**
	8/13/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.020 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**460**	**1,640**
	3/2/2010	N		--	< 0.05 U	--	< 0.050 U	--	--	--	**0.135**	< 0.05 U	< 0.05 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.075**	< 0.05 U	--	--
	3/17/2010	N		--	--	--	--	--	< 0.010 U	--	--	--	--	--	--	--	--	--	--	**205**	**760**
	5/23/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**513**	**1,650**
	5/14/2013	N		< 0.0200 U	--	**0.00527 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**484**	**1,730**
IW026	5/22/2014	N		**0.00624 J**	--	**0.114**	--	--	**0.117**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**593**	**2,750**
	5/29/2015	N		**0.0171 J**	--	**0.00539 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**277**	**1,400**
	5/19/2016	N		**0.0283**	--	**0.752**	--	**0.662**	--	--	--	--	--	--	--	--	--	--	--	**614**	**3,220**
	5/4/2017	N		**0.0085**	--	**0.69**	--	**0.737**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**698**	**3,140**
	2/8/2006	N		--	< 0.02 U	--	**0.591**	--	**0.57**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**789**	**3,430**
	7/21/2006	N		--	< 0.02 U	--	**0.699**	--	**0.69**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**732**	**3,570**
	4/4/2007	N		--	< 0.02 U	--	**0.0352**	--	**0.023**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**197**	--
	4/14/2008	N		--	< 0.02 U	--	**0.41**	--	**0.42**	--	**0.254**	**0.008**	**0.008**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**575**	**3,090**
	3/25/2009	N		--	< 0.02 U	--	**0.383**	--	**0.38**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**2880**	**2,880**
IW027	3/8/2010	N		--	**0.3**	--	**0.347**	--	**0.383**	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.052 U	< 0.05 U	**497**	**2,760**
	5/23/2012	N		< 0.0100 UJ	--	**0.0157**	--	--	**0.0105**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**344**	**2,280**
	5/14/2013	N		< 0.0200 U	--	**0.0123**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**98.3**	**1,030**
	5/22/2014	N		**0.00784 J**	--	**0.0139**	--	--	**0.0103**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**167**	**1,660**
	5/29/2015	N		**0.00572 J**	--	**0.0137**	--	--	**0.0102**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**120**	**910**
	5/19/2016	N		**0.0229**	--	**0.311**	--	**0.282**	--	--	--	--	--	--	--	--	--	--	--	**489**	**2,610**
	5/4/2017	N		**0.00815**	--	**0.282**	--	**0.293**	--	**0.189**	--	**0.00787**	--	--	--	--	--	--	--	**430**	**2,320**
	6/16/2005	N		--	< 0.01 U	**0.54**	**0.49**	**0.88**	--	**0.99**	< 0.4 U	**0.04**	**0.02**	--	--	--	--	--	--	**530**	--
	2/8/2006	N		--	< 0.02 U	--	**0.991**	--	**0.99**	--	< 0.2 U	**0.0079**	**0.0079**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**682**	**3,100**
	7/21/2006	N		--	< 0.02 U	--	**0.652**	--	**0.62**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**549**	**2,700**
	4/4/2007	N		--	< 0.02 U	--	**0.526**	--	**0.67**	--	**0.653**	**0.0202**	**0.0202**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**522**	--
	4/15/2008	N		--	< 0.02 U	--	**0.727**	--	**0.74**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**625**	**2,670**
	4/7/2009	N		--	< 0.02 U	--	**0.354**	--	**0.35**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**583**	**2,640**
	3/8/2010	N		--	< 0.05 U	--	**0.509**	--	**0.547**	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.055 U	< 0.05 U	**633**	**2,920**
	5/22/2012	N		< 0.0100 U	--	**0.0203**	--	--	**0.0144**	< 0.200 U	--	**0.0258**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**200**	**1,660**
IW028	5/22/2012	FD		< 0.0100 U	--	**0.0185**	--	--	**0.0132**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**202**	**1,340**
	9/6/2012	N		--	--	--	**0.0185**	--	**0.015**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/15/2013	N		**0.0110 J**	--	**0.0202**	--	--	**0.0127**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**140**	**1,300**
	11/4/2013	N		--	--	**0.0394**	**0.0394**	--	**0.0302**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/22/2014	N		< 0.0200 U	--	**0.0369**	--	--	**0.0341**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**201**	**1,350**
	5/29/2015	N		**0.0103 J**	--	**0.024**	--	--	**0.0209**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**111**	**1,010**
	5/19/2016	N		**0.022**	--	**0.501**	--	**0.642**	--	--	--	--	--	--	--	--	--	--	--	**506 X**	**2,990**
	5/19/2016	FD		**0.0225**	--	**0.287**	--	**0.679**	--	--	--	--	--	--	--	--	--	--	--	**514**	**1,110**
	5/4/2017	N		**0.00949**	--	**0.694**	--	**0.758**	--	< 0.02 U	--	**0.00436**	--	--	--	--	--	--	--	**702**	**2,740**
	6/21/2012	N		--	**0.00504**	--	**0.00748**	--	--	--	--	--	--	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	--	--	--	--
	7/10/2012	N		--	--	--	**0.112**	--	**0.144**	--	--	--	--	--	--	--	--	--	--	--	--
	8/6/2012	N		--	--	--	**0.208**	--	**0.108**	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/2012	N		--	--	--	**0.184**	--	**0.126**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
IW029P	11/19/2012	N		--	--	--	< 0.0500 U	--	< 0.0100 U	**119**	**58.1**	--	--	--	--	--	--	--	--	--	--
	5/7/2014	N		**0.00591 J**	--	< 0.0100 U	--	--	< 0.0500 U	**32.2**	--	**1.91**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**922**	**6,860**
	6/2/2015	N		< 0.0200 U	--	**0.00350 J**	--	--	< 0.0100 U	**0.139 J**	--	**2.15**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**921**	**5,870**
	5/11/2017	N		**0.106**	--	**0.00148 J**	--	< 0.01 U	--	**81.4**	--	**4.41**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**1,100**	**5,550**
	5/11/2017	FD		**0.107**	--	**0.00185 J**	--	**0.00310 J**	--	**80.7**	--	**4.18**	--	< 2 U	< 2 U	< 2 U	**8.66**	< 1.5 U	< 1.5 U	**1,080**	**5,440**
	6/21/2012	N		--	< 0.00400 U	--	**0.0513**	--	--	--	--	--	--	< 1.00 U	< 1.00 U	< 1.00 U	**3.75**	--	--	--	--
	7/11/2012	N		--	--	--	**0.907**	--	**0.839**	--	--	--	--	--	--	--	--	--	--	--	--
IW030	9/6/2012	N		--	--	--	**0.429**	--	**0.356**	< 0.200 U	**0.227**	--	--	--	--	--	--	--	--	--	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	10/24/2013	N	--	--	--	**0.0168 J**	--	< 0.200 R	**38.3 J**	**118 J**	--	--	--	--	--	--	--	--	--	--
	10/24/2013	FD	--	--	--	**0.537 J**	--	**0.549 J**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
LordWW	9/29/1997	N	< 0.10 U	--	**0.59**	--	--	--	--	--	--	--	--	--	--	--	--	--	**480**	**2,200**
	1/19/1999	N	< 0.10 U	--	**0.52**	--	--	--	--	--	--	--	--	--	--	--	--	--	**800**	**3,100**
	1/23/2006	N	--	< 0.02 U	--	**0.0677**	--	< 0.02 U	--	**9.2**	**0.0466**	**0.0466**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,260**	**3,690**
	6/27/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**71.3**	**422**
	6/27/2006	FD	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**62.6**	**430**
	4/5/2007	N	--	< 0.02 U	--	**0.148**	--	< 0.02 U	--	**31.3**	**0.34**	**0.34**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,540**	--
	9/18/2007	N	--	**7.32**	--	< 0.015 U	--	< 0.02 U	--	**7.32**	**0.192**	**0.192**	< 1 U	< 1 U	< 1 U	< 3 U	**0.93**	< 0.5 U	**1,320**	--
	3/26/2008	N	--	< 0.02 U	--	**0.0664**	--	< 0.02 U	--	**28.1**	**0.272**	**0.272**	< 1 U	< 1 U	< 1 U	< 3 U	**0.28**	< 0.05 U	**1,470**	**3,600**
	8/13/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.17**	**0.144**	**0.144**	**8.3**	**9.4**	**19**	**3.9**	< 0.1 U	**0.092**	**1,380**	**3,400**
	3/19/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.2**	**0.138**	**0.138**	**18**	**4.5**	**1.4**	< 3 U	< 0.3 U	**0.08**	**1,610**	**4,270**
	8/21/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.34**	**0.139**	**0.139**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**2,040**	--
	3/12/2010	N	--	< 0.05 U	--	< 0.050 U	--	**0.016**	--	**0.23**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**583**	**4,060**
	8/18/2010	N	--	**0.014**	--	< 0.050 U	--	< 0.01 U	--	**0.591**	**0.11**	**0.11**	< 1 U	< 2 U	< 1 U	< 1 U	**0.055**	< 0.05 U	**1,220**	**4,110**
	5/18/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.115**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1,670**	**4,670**
	10/26/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	**9.71**	**0.208**	**0.208**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,540**	**3,270**
	5/23/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	**0.0174**	< 0.200 U	--	**0.0539**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1430 E**	**3,330**
	11/5/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.507**	--	**0.261**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,320**	**2,600**
	5/9/2014	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0500 U	< 0.200 U	--	**0.0822**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,640**	**2,400**
	11/10/2014	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.147**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,870**	**2,780**
	5/27/2015	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0743**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,500**	**3,140**
	11/9/2015	N	< 0.0200 U	--	**0.00275 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0666**	--	--	--	--	--	--	--	**1,450**	**2,540**
	5/16/2016	N	< 0.00336 U	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**1,830**	**2,360**
	9/20/2016	N	**0.0178**	--	**0.00295 J**	--	< 0.01 U	--	**0.447**	--	**0.086**	--	--	--	--	--	--	--	**1,370**	**2,440**
	5/11/2017	N	**0.000551 J**	--	**0.00161 J**	--	< 0.01 U	--	**0.18**	--	**0.0971**	--	--	--	--	--	--	--	**1,490**	**2,730**
MW001	8/1/1996	N	--	--	--	--	--	--	--	--	--	--	**9**	**69**	**82**	**169**	--	--	--	--
	4/23/1997	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	**384** **11**	**33**	**75**	**49**	--	--	**200**	**2,000**
	1/20/1999	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	**6**	**19**	**29**	**29**	--	--	**370**	**2,400**
	1/20/1999	FD	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	**6**	**17**	**28**	**24**	--	--	**350**	**2,200**
	11/17/1999	N	--	--	< 0.05 U	--	--	--	--	--	--	--	**8**	**18**	**14**	**42**	--	--	**250**	**2,200**
	11/17/1999	FD	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**350**	**1,270**
	5/31/2001	N	--	< 0.05 U	--	< 0.05 U < 0.05 U	--	**0.03** **< 0.005 U**	--	--	--	--	**60**	**20**	**540**	**90**	--	--	**260**	**2,180**
	5/31/2001	FD	--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	**70**	< 20 U	**580**	**100**	--	--	**250**	**2,120**
	2/7/2002	N	--	--	< 0.05 U	--	**0.025**	--	< 0.1 U	**0.9**	**1.08**	**0.99**	**2**	**9**	**59**	**84**	< 0.26 U	**0.489**	**540**	**2,620**
	9/23/2002	N	--	--	< 0.05 U	--	**0.019**	--	--	--	--	--	< 2 U	**4**	**80**	**170**	**0.28**	**0.93**	**400**	--
	9/23/2002	FD	--	--	< 0.05 U	--	**0.017**	--	--	--	--	--	**2**	**6**	**85**	**180**	**0.3**	**1**	**350**	--
	1/8/2003	N	--	--	--	--	**0.036**	--	--	--	--	--	< 2 U	**3**	**18**	**26**	< 0.25 U	**0.22**	**500**	--
	1/8/2003	FD	--	--	--	--	**0.053**	--	--	--	--	--	< 2 U	**2**	**17**	**24**	< 0.25 U	**0.28**	**510**	--
	3/27/2003	N	--	--	--	--	**0.008**	--	--	--	--	--	< 2 U	< 2 U	**16**	**23**	< 0.25 U	**0.15**	**380**	--
	3/27/2003	FD	--	--	--	--	**0.025**	--	--	--	--	--	< 2 U	< 2 U	**18**	**24**	< 0.25 U	**0.14**	**270**	--
	6/5/2003	N	--	--	--	--	**0.024**	--	--	--	--	--	**3**	**4**	**52**	**69**	< 0.24 U	**0.39**	**510**	--
	6/5/2003	FD	--	--	--	--	**0.026**	--	--	--	--	--	< 2 U	**3**	**40**	**54**	**0.32**	**0.32**	**530**	--
	1/26/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**20**	**20**	**630**	**200**	**7.2**	**2.8**	**90**	--
	1/26/2004	FD	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**20**	**30**	**610**	**190**	**4.4**	**2.3**	**90**	--
	7/28/2004	N	--	--	< 0.01 U	--	**0.005**	--	--	--	--	--	**10**	**8**	**150**	**57**	< 2.5 U	**1.6**	**630**	--
	1/12/2005	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**4**	< 2 U	**47**	< 6 U	< 0.25 U	**0.22**	**200**	--
	5/26/2005	N	--	--	**0.02**	--	--	--	--	--	--	--	**20**	**4**	**73**	**23**	< 0.25 U	**0.44**	**230**	--
	1/27/2006	N	--	< 0.02 U	--	**0.0343**	--	< 0.02 U	--	**2.74**	**0.832**	**0.832**	**1.7**	< 1 U	**44**	**3.3**	< 0.6 U	< 0.6 U	**338**	**2,160**
	1/27/2006	FD	--	< 0.02 U	--	**0.0349**	--	< 0.02 U	--	**2.9**	**0.828**	**0.828**	**1.7**	< 1 U	**46**	**3.2**	< 0.6 U	< 0.6 U	**346**	**2,160**
	7/13/2006	N	--	< 0.02 U	--	**0.0308**	--	< 0.02 U	--	**2.18**	**0.766**	**0.766**	**89**	< 1 U	**37**	**4.2**	**0.54**	**0.3**	**368**	**2,290**
	4/19/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.09**	**0.895**	**0.895**	**36**	< 1 U	**110**	**9.5**	**0.5**	**0.38**	**327**	--
	4/17/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.2 U	--	**0.644**	**1.53**	**1.53**	< 1 U	< 1 U	**1.6**	< 3 U	**0.41**	< 0.05 U	**112**	**3,050**
	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	**0.024**	--	**0.205**	**1.08**	**1.08**	< 1 U	< 1 U	**1.56**	< 1 U	**0.416**	< 0.05 U	**120**	**2,950**
	5/24/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.31**	--	< 1.00 U	< 2.00 U	**2.36**	< 1.00 U	--	--	**131**	**2,970**
	5/21/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**2.6**	--	< 1.00 U	< 2.00 U	**6.61**	< 1.00 U	--	--	**127**	**2,780**
	5/6/2014	N	< 0.0200 U	--	**0.113**	--	--	**0.112**	< 0.200 U	--	**0.26**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**429**	**3,240**
	6/2/2015	N	< 0.0200 U	--	**0.00117 J**	--	--	< 0.0100 U	< 0.200 U	--	**1.72**	--	< 1.00 U	< 2.00 U	**2.46**	**1.82**	--	--	**333**	**2,490**
	5/20/2016	N	**0.00405 J**	--	**0.767**	--	**0.881**	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**496**	**3,240**
	5/10/2017	N	**0.00199 J**	--	**0.0181**	--	< 0.01 U	--	**0.0102 J**	--	**0.91**	--	< 2 U	< 2 U	**36.4**	< 2 U	< 1.5 U	< 1.5 U	**408**	**2,500**
	5/10/2017	FD	**0.00185 J**	--	**0.02**	--	**0.0135**	--	**0.0125 J**	--	**0.937**	--	< 2 U	< 2 U	**31.5**	< 2 U	< 1.5 U	< 1.5 U	**475**	**2,580**
	9/26/2017	N	**0.00221**	--	**0.00906**	--	< 0.01 U	--	< 0.1 U	--	**0.694**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**482**	**2,810**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW002	4/4/2018	Reg		--	**0.00154 J**	--	**0.00146 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.739**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**292**	**2,350**
	9/11/2018	Reg		**0.00241 J**	--	**0.00146 J**	--	< 0.0100 U	--	--	< 0.100 U	**0.584**	--	< 2 U	< 2 U	< 2 U	< 2 U	--	< 1.50 U	**275**	**2,610**
	4/22/1997	N		--	--	--	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--
	4/23/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**350**	**1,200**
	1/20/1999	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**350**	**1,100**
	11/17/1999	N		--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**470**	**1,400**
	5/22/2001	N		--	< 0.05 U	--	< 0.05 U	--	**0.039**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**490**	**1,210**
	1/24/2002	N		--	--	< 0.05 U	--	**0.015**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**470**	**1,460**
	9/16/2002	N		--	--	< 0.05 U	--	**0.024**	--	--	--	--	--	< 2 U	**2**	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**460**	--
	12/18/2002	N		--	--	--	--	**0.018**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**510**	--
	3/13/2003	N		--	--	--	--	**0.033**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**470**	--
	5/28/2003	N		--	--	--	--	**0.032**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.23 U	< 0.05 U	**430**	--
	1/20/2004	N		--	--	**0.02**	--	**0.013**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.27 U	< 0.05 U	**400**	--
	6/23/2004	N		--	--	**0.02**	--	**0.016**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**410**	--
	6/23/2004	FD		--	--	**0.02**	--	**0.015**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**400**	--
	1/4/2005	N		--	--	**0.03**	--	**0.025**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**440**	--
	1/4/2005	FD		--	--	**0.03**	--	**0.033**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**430**	--
	6/6/2005	N		--	--	**0.06**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**410**	--
	1/24/2006	N		--	< 0.02 U	--	**0.0642**	--	**0.058**	--	**0.999**	**0.0147**	**0.0147**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**552**	**1,700**
	7/6/2006	N		--	< 0.02 U	--	**0.0339**	--	**0.037**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**553**	**1,790**
	4/12/2007	N		--	< 0.02 U	--	**0.0699**	--	**0.064**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**817**	--
	4/2/2008	N		--	< 0.02 U	--	**0.147**	--	**0.15**	--	< 0.2 U	< 0.005 U	< 0.005 U	**4.5**	**1.4**	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**934**	**2,730**
	3/31/2009	N		--	< 0.02 U	--	**0.137**	--	**0.13**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.19**	< 0.05 U	**1,040**	**3,290**
	3/8/2010	N		--	< 0.05 U	--	**0.145**	--	**0.15**	--	< 0.03 U	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.234**	< 0.05 U	**998**	**3,500**
	5/24/2012	N		< 0.0100 U	--	**0.0567**	--	--	**0.072**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,210**	**4,640**
	5/21/2013	N		**0.0120 J**	--	**0.0452**	--	--	**0.0475**	< 0.200 UJ	--	**0.00403 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,130**	**4,130**
	5/22/2014	N		**0.00951 J**	--	**0.0382**	--	--	**0.0364**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**912**	**3180 J**
	6/4/2015	N		**0.0203**	--	**0.0429**	--	--	**0.0427**	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**811**	**3,090**
	5/20/2016	N		**0.014**	--	**0.105**	--	**0.094**	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.986 U	< 0.986 U	**724**	**2,810**
	5/9/2017	N		**0.00922 J**	--	**0.285**	--	**0.271**	--	< 0.1 U	--	**0.00199 J**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**845**	**2,750**
MW002A	12/9/2002	N		--	< 0.05 U	< 0.05 U	--	**0.029**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.5 U	< 0.05 U	**450**	**1,330**
	3/12/2003	N		--	--	--	--	**0.036**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**670**	--
	5/28/2003	N		--	--	--	--	**0.031**	--	--	--	--	--	--	--	--	--	--	--	**730**	--
	1/20/2004	N		--	--	**0.02**	--	**0.011**	--	--	--	--	--	--	--	--	--	--	--	**430**	--
	6/23/2004	N		--	--	**0.02**	--	**0.022**	--	--	--	--	--	--	--	--	--	--	--	**510**	--
	1/4/2005	N		--	--	**0.04**	--	**0.029**	--	--	--	--	--	--	--	--	--	--	--	**510**	--
	6/6/2005	N		--	--	**0.03**	--	--	--	--	--	--	--	--	--	--	--	--	--	**450**	--
	1/24/2006	N		--	< 0.02 U	--	**0.0268**	--	**0.026**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**506**	**1,340**
	7/6/2006	N		--	**0.0202**	--	**0.0787**	--	**0.068**	--	< 0.2 U	**0.0051**	**0.0051**	< 1 U	< 1 U	< 1 U	< 3 U	**0.46**	< 0.05 U	**848**	**1,980**
	4/12/2007	N		--	< 0.02 U	--	**0.0586**	--	**0.045**	--	< 0.2 U	**0.0115**	**0.0115**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**729**	--
	4/2/2008	N		--	**0.0222**	--	**0.278**	--	**0.27**	--	< 0.2 U	**0.0363**	**0.0363**	**15**	**3.2**	**1.2**	< 3 U	**0.74**	< 0.05 U	**1,460**	**2,820**
	3/31/2009	N		--	< 0.02 U	--	**0.333**	--	**0.34**	--	< 0.2 U	**0.0228**	**0.0228**	< 1 U	< 1 U	< 1 U	< 3 U	**0.51**	< 0.05 U	**1,160**	**2,750**
	3/8/2010	N		--	< 0.05 U	--	**0.431**	--	**0.437**	--	< 0.03 U	< 0.05 U	< 0.05 U	**1.1**	< 1 U	< 1 U	< 1 U	**0.515**	< 0.05 U	**1,170**	**1,660**
	5/24/2012	N		< 0.0100 U	--	**0.0298**	--	--	**0.0254**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**337**	**1,260**
	5/21/2013	N		**0.00953 J**	--	**0.0205**	--	--	**0.0168**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**346**	**1,180**
	5/22/2014	N		**0.0108 J**	--	**0.0207**	--	--	**0.0161**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**341**	**1,090**
	6/4/2015	N		**0.0193 J**	--	**0.00936 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**0.00965 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**372**	**1,050**
	5/20/2016	N		**0.0227**	--	**0.664**	--	**0.462**	--	--	--	--	--	--	--	--	--	--	--	**1,350**	**3,310**
	5/9/2017	N		**0.0164**	--	**0.709**	--	**0.781**	--	< 0.1 U	--	**0.0235**	--	--	--	--	--	--	--	**1,400**	**3,510**
	9/22/2017	N		**0.0204**	--	**0.867**	--	**0.892**	--	**0.0591 J**	--	**0.0234**	--	--	--	--	--	--	--	**1,310**	**3,550**
	4/4/2018	Reg		--	**0.0146**	--	**0.638**	--	**0.724**	< 0.100 U	--	--	**0.0163**	--	--	--	--	--	--	**1,620**	**3,010**
	9/14/2018	Reg		**0.0195**	--	**0.963**	--	**0.796**	--	--	< 0.100 U	**0.0193**	--	--	--	--	--	--	--	**1,610**	**3,330**
MW003	4/22/1997	N		< 0.10 U	--	**0.36**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**430**	**2,000**
	6/11/1997	N		< 0.10 U	--	**0.22**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/24/2001	N		--	< 0.05 U	--	**2.9**	--	**3**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,100**	**4,700**
	1/30/2002	N		--	--	**1.45**	--	**1.1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**900**	**2,320**
	1/30/2002	FD		--	--	**1.41**	--	**1.3**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,900**	**3,580**
	9/18/2002	N		--	--	**1.85**	--	**1.1**	--	--	--	--	--	--	--	--	--	--	--	**850**	**3,960**
	1/6/2003	N		--	--	--	--	**0.47**	--	--	--	--	--	--	--	--	--	--	--	**640**	--
	3/19/2003	N		--	--	--	--	**1.3**	--	--	--	--	--	--	--	--	--	--	--	**1,050**	--
	6/4/2003	N		--	--	--	--	**0.907**	--	--	--	--	--	--	--	--	--	--	--	**950**	--
	1/20/2004	N		--	--	**0.14**	--	**0.13**	--	--	--	--	--	--	--	--	--	--	--	**500**	--

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Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW003	6/29/2004	N		--	--	**0.5**	--	**0.38**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**740**	--
	1/6/2005	N		--	--	**0.3**	--	**0.02**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**570**	--
	6/3/2005	N		--	--	**0.18**	--	--	--	--	--	--	--	--	--	--	--	--	--	**480**	--
	1/25/2006	N		--	< 0.02 U	--	**0.194**	--	**0.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**514**	**2,420**
	7/7/2006	N		--	< 0.02 U	--	**0.187**	--	**0.17**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**530**	**2,400**
	4/16/2007	N		--	< 0.02 U	--	**0.116**	--	**0.1**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**372**	--
	4/3/2008	N		--	< 0.02 U	--	**0.085**	--	**0.052**	--	< 0.2 U	< 0.005 U	< 0.005 U	**3.7**	**1.2**	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**317**	**2,180**
	5/22/2012	N		< 0.0100 U	--	**0.0319**	--	--	**0.0295**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**20.9**	**1,210**
	5/16/2013	N		**0.0213**	--	**0.0174**	--	--	**0.016**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**45.7**	**1,040**
	5/7/2014	N		**0.0109 J**	--	**0.0181**	--	--	**0.0153**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**383**	**2,000**
	6/2/2015	N		**0.0116 J**	--	**0.0307**	--	--	**0.028**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**191**	**1,390**
	5/19/2016	N		**0.00846 J**	--	**0.065**	--	**0.0833**	--	--	--	--	--	--	--	--	--	--	--	**664**	**3,030**
	5/19/2016	FD		**0.00739 J**	--	**0.136**	--	**0.167**	--	--	--	--	--	--	--	--	--	--	--	**637**	**2,710**
	5/4/2017	N		**0.0135**	--	**0.0481**	--	< 0.01 U	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**64.1**	**784**
MW004	4/23/1997	N		< 0.10 U	--	**0.08**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	< 0.001 U	< 0.001 U	**290**	**1,600**
	6/11/1997	N		< 0.10 U	--	**0.08**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/21/1999	N		< 0.10 U	--	**0.09**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	< 0.001 U	< 0.001 U	**310**	**1,600**
	1/21/1999	FD		< 0.10 U	--	**0.09**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**320**	**1,600**
	11/18/1999	N		--	--	**0.42**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	< 0.001 U	< 0.001 U	**620**	**2,600**
MW004	5/24/2001	N		--	< 0.05 U	--	**0.67** **< 0.05 U**	--	**0.61** **< 0.005 U**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**800**	**3,360**
	1/28/2002	N		--	--	**1.3**	--	**0.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.27 U	< 0.05 U	**1,030**	**3,990**
	9/18/2002	N		--	--	**0.39**	--	**0.29**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**610**	--
	12/30/2002	N		--	--	--	--	**0.26**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**700**	--
	3/18/2003	N		--	--	--	--	**0.39**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**730**	--
	6/4/2003	N		--	--	--	--	**0.334**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.24 U	< 0.05 U	**680**	--
	1/19/2004	N		--	--	**0.1**	--	**0.053**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**650**	--
	6/24/2004	N		--	--	**0.12**	--	**0.063**	--	--	--	--	--	--	--	--	--	--	--	**370**	--
	1/4/2005	N		--	--	**0.6**	--	**0.55**	--	--	--	--	--	--	--	--	--	--	--	**560**	--
	6/6/2005	N		--	--	**0.93**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**760**	--
	1/25/2006	N		--	< 0.02 U	--	**1.5**	--	**0.14**	--	< 0.2 U	**0.0209**	**0.0209**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**904**	**3,320**
	7/7/2006	N		--	< 0.02 U	--	**1.79**	--	**1.8**	--	< 0.2 U	**0.0184**	**0.0184**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**776**	**3,320**
	4/17/2007	N		--	< 0.02 U	--	**1.92**	--	**0.51**	--	< 0.2 U	**0.0163**	**0.0163**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,130**	--
	4/15/2008	N		--	< 0.02 U	--	**2.28**	--	**1.9**	--	< 0.2 U	**0.0055**	**0.0055**	**2.8**	< 1 U	< 1 U	< 3 U	**0.14**	< 0.05 U	**1,030**	**3,360**
	3/30/2009	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	**0.0192**	**0.0192**	--	--	--	--	--	--	--	**3,940**
	3/31/2009	N		--	--	--	**1.46**	--	**1.5**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	**0.23**	< 0.05 U	**852**	--
	3/8/2010	N		--	< 0.05 U	--	**1.18**	--	**1.17**	--	< 0.03 U	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.196**	< 0.05 U	**781**	**3,520**
	5/22/2012	N		< 0.0100 U	--	**0.277**	--	--	**0.286**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**640**	**3,190**
	5/22/2012	FD		< 0.0100 U	--	**0.274**	--	--	**0.285**	< 0.200 U	--	**0.028**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**658**	**3,700**
	5/15/2013	N		< 0.0200 U	--	**0.123**	--	--	**0.0998**	< 0.200 U	--	**0.0134 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**298**	**1,810**
	5/21/2014	N		< 0.0200 U	--	**0.277**	--	--	**0.277**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**571**	**2,800**
	5/28/2015	N		**0.00762 J**	--	**0.00503 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0463**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**212**	**1,440**
	5/19/2016	N		**0.0303**	--	**0.327**	--	**0.334**	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**576**	**3,120**
	5/5/2017	N		**0.00984**	--	**0.339 J**	--	**0.257 J**	--	**0.0228**	--	< 0.002 UJ	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**672 J**	**2,880**
	5/5/2017	FD		**0.00898**	--	**0.672 J**	--	**0.796**	--	< 0.02 U	--	**0.0428 J**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**1120 J**	**3,550**
MW004A	4/23/1997	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**170**	**790**
	10/23/1997	N		< 0.10 U	--	**0.05**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--
	1/21/1999	N		< 0.10 U	--	**0.05**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**240**	**830**
	5/23/2001	N		--	< 0.05 U	--	**0.13**	--	**0.14**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**470**	**1,320**
	1/28/2002	N		--	--	**0.15**	--	**0.086**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.27 U	< 0.05 U	**490**	**1,540**
	9/17/2002	N		--	--	**0.17**	--	**0.12**	--	--	--	--	--	--	--	--	--	--	--	**440**	--
	12/30/2002	N		--	--	--	--	**0.14**	--	--	--	--	--	--	--	--	--	--	--	**480**	--
	3/13/2003	N		--	--	--	--	**0.14**	--	--	--	--	--	--	--	--	--	--	--	**480**	--
	6/4/2003	N		--	--	--	--	**0.166**	--	--	--	--	--	--	--	--	--	--	--	**490**	--
	1/19/2004	N		--	--	**0.07**	--	**0.033**	--	--	--	--	--	--	--	--	--	--	--	**280**	--
	6/24/2004	N		--	--	**0.09**	--	**0.106**	--	--	--	--	--	--	--	--	--	--	--	**580**	--
	1/4/2005	N		--	--	**0.15**	--	**0.08**	--	--	--	--	--	--	--	--	--	--	--	**360**	--
	6/6/2005	N		--	--	**0.13**	--	--	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	1/25/2006	N		--	< 0.02 U	--	**0.175**	--	**0.18**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**483**	**1,440**
	7/7/2006	N		--	< 0.02 U	--	**0.177**	--	**0.18**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**373**	**1,460**
	4/16/2007	N		--	< 0.02 U	--	**0.265**	--	**0.28**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**523**	--
	4/3/2008	N		--	**0.0203**	--	**0.334**	--	**0.23**	--	< 0.2 U	< 0.005 U	< 0.005 U	**12**	**2.5**	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**571**	**1,740**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW004A	3/30/2009	N		--	--	--	**0.271**	--	**0.25**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**465**	--
	3/31/2009	N		--	**0.0257**	--	--	--	--	--	**986**	**13**	**13**	--	--	--	--	--	--	--	**1,700**
	3/8/2010	N		--	< 0.05 U	--	**0.309**	--	**0.295**	--	**0.137**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.091**	< 0.05 U	**473**	**1,740**
	5/22/2012	N		< 0.0100 U	--	**0.385**	--	--	**0.401**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**620**	**2,520**
	5/15/2013	N		**0.0124 J**	--	**0.00738 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**326**	**1,300**
	5/21/2014	N		**0.0131 J**	--	**0.403**	--	--	**0.431**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**606**	**2,630**
	5/28/2015	N		< 0.0200 U	--	**0.000821 J**	--	--	**0.00650 J**	< 0.200 U	--	**0.0103 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**260**	**1,180**
	5/19/2016	N		**0.022**	--	**0.455**	--	**0.447**	--	--	--	--	--	--	--	--	--	--	--	**559**	**2,070**
	5/5/2017	N		**0.0154 J**	--	**0.489 J**	--	**0.494**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**643**	**2,420**
	9/22/2017	N		**0.0154**	--	**0.463**	--	**0.448**	--	< 0.1 U	--	**0.000947 J**	--	--	--	--	--	--	--	**579**	**2,640**
	4/4/2018	Reg		--	**0.0145**	--	**0.498**	--	**0.438**	< 0.100 U	--	--	**0.000681 J**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**628**	**2,110**
	9/14/2018	Reg		**0.0158**	--	**0.515**	--	**0.497**	--	--	< 0.100 U	**0.000320 J**	--	--	--	--	--	--	--	**632**	**2,230**
MW005	4/22/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	**540**	**310**	**93**	**245**	--	--	**800**	**2,800**
	2/11/2002	N		--	--	< 0.05 U	--	**0.14**	--	**4.3**	**6.4**	**0.44**	**0.4**	**620**	< 40 U	**90**	**140**	**15**	**1.79**	**460**	**2,390**
	2/11/2002	FD		--	--	< 0.05 U	--	< 0.005 U	--	**3.8**	**6.9**	**0.44**	**0.37**	**600**	< 20 U	**80**	**130**	**27**	**1.83**	**460**	**2,270**
	6/30/2005	N		--	--	**0.03**	--	--	--	--	--	--	--	**810**	< 10 U	**70**	< 30 U	**3.9**	**2.6**	**910**	--
	1/27/2006	N		--	< 0.02 U	--	**0.0202**	--	< 0.02 U	--	**5.8**	**0.916**	**0.916**	**520**	< 5 U	**64**	< 5 U	**2.5**	< 0.6 U	**1,010**	**2,830**
	7/13/2006	N		--	< 0.02 U	--	**0.0344**	--	< 0.02 U	--	**5.32**	**0.807**	**0.807**	**440**	< 1 U	**72**	**7.8**	**2.3**	**1.5**	**894**	**2,900**
	4/19/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**9.94**	**0.837**	**0.837**	**810**	**1.3**	**64**	**12**	**3.2**	**2.4**	**1,080**	--
	4/17/2008	N		--	< 0.02 U	--	**0.0151**	--	< 0.2 U	--	**10.1**	**1.88**	**1.88**	**4**	< 1 U	**1.2**	< 3 U	**2.8**	**0.23**	**1,500**	**4,010**
	4/7/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**8.04**	**0.807**	**0.807**	**95**	< 1 U	**11**	< 3 U	**3.2**	**0.29**	**1,160**	**2,680**
	3/16/2010	N		--	< 0.05 U	--	< 0.050 U	--	**0.21**	--	**2.22**	**1.11**	**1.11**	**12.5**	< 1 U	**6.3**	< 1 U	**1.68**	< 0.05 U	**823**	**3,430**
MW005	5/24/2012	N		**0.0229**	--	< 0.0100 U	--	--	**0.0118**	< 0.200 U	--	**0.0444**	--	**188**	< 2.00 U	**142**	**2.88**	--	--	**311**	**1,510**
	5/22/2013	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.100 U	**0.692**	--	**0.0547**	--	**396**	< 2.00 U	**222**	**3.13**	--	--	**210**	**1,300**
MW006	4/22/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	**340**	**280**	**110**	**330**	--	--	**1,500**	**3,200**
	2/11/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	**0.2**	**2.4**	**0.52**	**0.53**	**680**	**670**	**110**	**260**	**71**	**3.58**	**1,400**	**3,760**
	4/23/2007	N		--	**0.0264**	--	< 0.015 U	--	< 0.02 U	--	**29**	**3.24**	**3.24**	**1500**	**360**	**100**	**840**	**6.3**	**4.2**	**2,970**	--
	4/17/2008	N		--	**0.0254**	--	< 0.015 U	--	< 0.20 U	--	**12.9**	**3.84**	**3.84**	**36**	< 1 U	**3.9**	**3.6**	**3.1**	**0.4**	**2,780**	**5,660**
	4/7/2009	N		--	**0.0255**	--	< 0.015 U	--	< 0.02 U	--	**16.1**	**2.13**	**2.13**	**510**	< 5 U	**42**	**150**	**3.4**	**1.6**	**2,310**	**4,340**
	3/16/2010	N		--	< 0.05 U	--	< 0.050 U	--	**0.012**	--	**0.313**	**1.91**	**1.91**	**878**	< 1 U	**13.2**	< 1 U	**1.88**	**0.742**	**1,250**	**4,270**
MW007	4/22/1997	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**550**	**2,600**
	8/19/1997	N		< 0.10 U	--	**0.35**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--
	8/25/1997	N		--	--	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/21/1999	N		< 0.10 U	--	**0.31**	--	--	--	--	--	--	--	--	--	--	--	--	--	**550**	**2,500**
	11/18/1999	N		--	--	**0.38**	--	--	--	--	--	--	--	--	--	--	--	--	--	**520**	**2,700**
	5/24/2001	N		--	< 0.05 U	--	**0.45** **< 0.05 U**	--	**0.4** **0.02**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**600**	**2,980**
	1/30/2002	N		--	--	**0.11**	--	**0.086**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**390**	**2,370**
	9/12/2002	N		--	--	**0.3**	--	**0.21**	--	--	--	--	--	--	--	--	--	--	--	**710**	--
	12/19/2002	N		--	--	--	--	**0.053**	--	--	--	--	--	--	--	--	--	--	--	**450**	--
	3/13/2003	N		--	--	--	--	**0.059**	--	--	--	--	--	--	--	--	--	--	--	**410**	--
	6/3/2003	N		--	--	--	--	**0.005**	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	1/21/2004	N		--	--	**0.03**	--	**0.013**	--	--	--	--	--	--	--	--	--	--	--	**410**	--
	6/23/2004	N		--	--	**0.02**	--	**0.018**	--	--	--	--	--	--	--	--	--	--	--	**370**	--
	1/4/2005	N		--	--	**0.03**	--	**0.021**	--	--	--	--	--	--	--	--	--	--	--	**290**	--
	6/3/2005	N		--	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	**310**	--
	1/24/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.287**	**0.0054**	**0.0054**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**274**	**2,450**
	7/7/2006	N		--	< 0.02 U	--	**0.0232**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**206**	**1,890**
	4/16/2007	N		--	< 0.02 U	--	**0.0152**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**193**	--
	4/3/2008	N		--	< 0.02 U	--	**0.036**	--	**0.034**	--	< 0.2 U	< 0.005 U	< 0.005 U	**2.7**	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**185**	**1,390**
	5/22/2012	N		< 0.0100 U	--	**0.032**	--	--	**0.0334**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**472**	**2,190**
	5/16/2013	N		**0.0255**	--	**0.021**	--	--	**0.0187**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**173**	**1,220**
	5/9/2014	N		**0.0122 J**	--	**0.0202**	--	--	**0.0205**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**366**	**1,780**
	6/2/2015	N		**0.0124 J**	--	**0.0145**	--	--	**0.0105**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**81.6**	**1,070**
	5/19/2016	N		**0.00952 J**	--	**0.0115**	--	**0.025**	--	--	--	--	--	--	--	--	--	--	--	**342**	**2,020**
	5/4/2017	N		**0.0119**	--	**0.0105**	--	< 0.01 U	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**43.2**	**1,040**
MW007A	4/22/1997	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**260**	**1,200**
	10/22/1997	N		< 0.10 U	--	**0.06**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--
	1/21/1999	N		< 0.10 U	--	**0.06**	--	--	--	--	--	--	--	--	--	--	--	--	--	**190**	**920**
	5/23/2001	N		--	< 0.05 U	--	< 0.05 U	--	**0.103**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**260**	**1,020**
	5/23/2001	FD		--	< 0.05 U	--	**0.09**	--	**0.098**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**270**	**1,050**
	1/29/2002	N		--	--	**0.19**	--	**0.09**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**350**	**1,640**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW007A	9/17/2002	N		--	--	**0.27**	--	**0.2**	--	--	--	--	--	--	--	--	--	--	--	**380**	--
	12/30/2002	N		--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--	--	--	**440**	--
	3/17/2003	N		--	--	--	--	**0.19**	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	6/3/2003	N		--	--	--	--	**0.283**	--	--	--	--	--	--	--	--	--	--	--	**490**	--
	1/21/2004	N		--	--	**0.24**	--	**0.14**	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	6/29/2004	N		--	--	**0.16**	--	**0.15**	--	--	--	--	--	--	--	--	--	--	--	**230**	--
MW007A	1/10/2005	N		--	--	**0.33**	--	**0.55**	--	--	--	--	--	--	--	--	--	--	--	**430**	--
	6/3/2005	N		--	--	**0.25**	--	--	--	--	--	--	--	--	--	--	--	--	--	**310**	--
	1/26/2006	N		--	< 0.02 U	--	**0.53**	--	**0.52**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**585**	**2,410**
	7/7/2006	N		--	< 0.02 U	--	**0.367**	--	**0.38**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**409**	**1,770**
	4/16/2007	N		--	< 0.02 U	--	**0.641**	--	**0.69**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**710**	--
	4/3/2008	N		--	< 0.02 U	--	**0.732**	--	**0.68**	--	< 0.2 U	**0.0112**	**0.0112**	**9.9**	**2.1**	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**689**	**2,840**
	5/22/2012	N		< 0.0100 U	--	**0.288**	--	--	**0.29**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**357 J**	**1,870**
	9/6/2012	N		--	--	--	**0.296**	--	**0.308**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	11/19/2012	N		--	--	--	**0.305** **0.327**	--	**0.319**	< 0.200 U	< 0.200 U < 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/16/2013	N		**0.0231**	--	**0.275**	--	--	**0.265**	< 0.200 U	--	**0.00660 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**344**	**1,600**
	5/7/2014	N		**0.0113 J**	--	**0.279**	--	--	**0.261**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**374**	**1,580**
	6/2/2015	N		**0.0118 J**	--	**0.269**	--	--	**0.261**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**379**	**1,830**
	5/19/2016	N		**0.0144**	--	**0.796**	--	**0.678**	--	--	--	--	--	--	--	--	--	--	--	**567**	**3,120**
	9/21/2016	N		< 0.00336 U	--	**0.733**	--	**0.822**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**688**	**3,090**
	5/4/2017	N		**0.0102**	--	**0.661**	--	**0.769**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**764**	**2,950**
	9/22/2017	N		**0.0116**	--	**0.729**	--	**0.65**	--	< 0.1 U	--	**0.00327**	--	--	--	--	--	--	--	**662**	**3,290**
	4/4/2018	Reg		--	**0.0102**	--	**0.705**	--	**0.129**	< 0.100 U	--	--	**0.000979 J**	--	--	--	--	--	--	**815**	**3,060**
	9/14/2018	Reg		**0.0115**	--	**0.763**	--	**0.67**	--	--	< 0.100 U	**0.000655 J**	--	--	--	--	--	--	--	**801**	**3,040**
MW008	8/20/1997	N		< 0.10 U	--	**5.2**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	--	--
	9/16/1997	N		--	--	**5.4**	--	**6.46**	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/28/1997	N		--	--	**4.6**	--	**3.31**	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/22/1999	N		< 0.10 U	--	**4.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**960**	**3,800**
	11/18/1999	N		--	--	**6.1**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**	**4,500**
	5/31/2001	N		--	< 0.05 U	--	**5.66**	--	**9**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,400**	**5,090**
	8/29/2001	N		--	--	**0.52** **0.44**	**0.68** **0.79**	< 0.5 U < 0.5 U	**0.8** **0.6**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	9/27/2001	N		--	--	**1.75**	--	**1.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/2002	N		--	--	**3.54**	--	**2.8**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**970**	**3,780**
	9/18/2002	N		--	--	**4.99**	--	**3.1**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,250**	--
	1/6/2003	N		--	--	--	--	**2.3**	--	--	--	--	--	--	--	--	--	--	--	**970**	--
	3/26/2003	N		--	--	--	--	**2.8**	--	--	--	--	--	--	--	--	--	--	--	**1,400**	--
	6/5/2003	N		--	--	--	--	**4**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	6/9/2003	N		--	< 0.05 U	**5.16**	**5.22**	**7.07**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	6/9/2003	FD		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,340**	--
	6/30/2003	N		--	< 0.05 U	**3.24**	**3.37**	**2.71**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,020**	--
	7/9/2003	N		--	< 0.05 U	**4.13**	**4.02**	**3.6**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	7/15/2003	N		--	< 0.05 U	**4.14**	**3.85**	< 5 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,110**	--
	7/28/2003	N		--	< 0.02 U	**2.13**	**2.1**	**3.1**	--	< 0.05 U	< 0.1 U	< 0.02 U	< 0.05 U	--	--	--	--	--	--	**1,100**	--
	8/21/2003	N		--	< 0.05 U	**4.52**	**4.67**	**4.1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	9/29/2003	N		--	< 0.05 U	**4.66**	**4.9**	**2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	10/27/2003	N		--	< 0.05 U	**5.21**	**5.55**	**2.8**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	12/4/2003	N		--	< 0.05 U	**4.7**	**4.79**	**2.7**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,090**	--
	1/5/2004	N		--	< 0.05 U	**3.55**	**3.34**	**1**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**950**	--
	3/1/2004	N		--	< 0.05 U	**3.16**	**3.81**	**2.3**	--	< 0.1 U	**0.8**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,020**	--
	3/31/2004	N		--	< 0.01 U	**3.11**	**3.31**	**2.6**	--	< 0.1 U	**0.6**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,070**	**3,960**
	5/4/2004	N		--	< 0.01 U	**3.9**	**3.67**	**1.1**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	6/7/2004	N		--	< 0.01 U	**4.13**	**4.35**	**4**	--	**0.2**	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,220**	--
	7/7/2004	N		--	< 0.01 U	**4.17**	**3.33**	**2.2**	--	< 0.25 U	**0.94**	< 0.01 U	**0.02**	--	--	--	--	--	--	**1,200**	--
	8/10/2004	N		--	< 0.01 U	**2.28**	**2.42**	**1.6**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,050**	--
	9/16/2004	N		--	< 0.01 U	**4.44**	**3.92**	**1.3**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,290**	--
	10/4/2004	N		--	< 0.01 U	**2.78**	**3.08**	**0.49**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**920**	--
	11/8/2004	N		--	< 0.01 U	**3.43**	**3.04**	**1.4**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,050**	**4,230**
	12/16/2004	N		--	< 0.01 U	**2.56**	**4.27**	**1.8**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,050**	**4,210**
	1/13/2005	N		--	< 0.01 U	**2.19**	**2.13**	**1.9**	--	< 0.4 U	< 0.4 U	**0.02**	**0.02**	--	--	--	--	--	--	**890**	**3,610**
	2/8/2005	N		--	< 0.01 U	**2.56**	**2.32**	**2**	--	< 0.4 U	< 0.4 U	**0.05**	**0.06**	--	--	--	--	--	--	**1,070**	**4,370**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/8/2005	N	--	< 0.01 U	**0.28**	**0.57**	< 0.005 U	--	**1.98**	**3.84**	**0.31**	**0.33**	--	--	--	--	--	--	**600**	**3,200**
	4/6/2005	N	--	< 0.01 U	**0.12**	**0.42**	< 0.005 U	--	**13.4**	**13.4**	**0.85**	**0.94**	--	--	--	--	--	--	**500**	**3,180**
	5/11/2005	N	--	< 0.01 U	**0.12**	**0.13**	< 0.005 U	--	**20.1**	**23.9**	**1.96**	**1.73**	--	--	--	--	--	--	**610**	**3,620**
	6/7/2005	N	--	< 0.01 U	**0.04**	**0.09**	< 0.005 U	--	**25.8**	**20.4**	**5.31**	**4.02**	--	--	--	--	--	--	**820**	**4,140**
	7/6/2005	N	--	< 0.01 U	**0.04**	**0.05**	< 0.01 U	--	**25.9**	**16**	**3.67**	**4.18**	--	--	--	--	--	--	**920**	**4,040**
	8/2/2005	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/9/2006	N	--	< 0.02 U	--	**0.0515**	--	< 0.08 U	--	**69**	**4.12**	**4.12**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 1.2 U	**702**	**3,740**
	7/18/2006	N	--	**0.0202**	--	**0.0221**	--	< 0.02 U	--	**60.1**	**3.79**	**3.79**	< 1 U	< 1 U	< 1 U	< 3 U	**0.33**	< 0.05 U	**802**	**3,610**
	4/3/2007	N	--	**0.0263**	--	**0.0391**	--	< 0.02 U	--	**59.7**	**1.26**	**1.26**	< 1 U	< 1 U	< 1 U	< 3 U	**0.48**	**0.12**	**701**	--
	4/15/2008	N	--	< 0.02 U	--	**0.0162**	--	< 0.50 U	--	**36.3**	**0.508**	**0.508**	< 5 U	< 5 U	< 5 U	< 15 U	**0.41**	< 0.25 U	**844**	**3,140**
	3/30/2009	N	--	**0.0363**	--	< 0.015 U	--	< 0.02 U	--	**52.9**	**1.36**	**1.36**	< 1 U	< 1 U	< 1 U	< 3 U	**0.18**	< 0.05 U	**799**	**3,730**
	3/10/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.10 U	--	**4.56**	**1.51**	**1.51**	< 1 U	< 1 U	< 1 U	< 1 U	**0.18**	< 0.05 U	**824**	**4,030**
MW008	5/25/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.263**	--	**1.22**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**983**	**4,280**
	5/16/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.0712 J**	--	**0.871**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**839**	**3,760**
	5/7/2014	N	< 0.0200 U	--	< 0.0100 UJ	--	--	< 0.0500 U	< 0.200 U	--	**2.15**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**924**	**4,000**
	6/3/2015	N	< 0.0200 U	--	**0.00323 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**1.71**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**943**	**3,930**
	5/20/2016	N	**0.0093 J**	--	< 0.00136 U	--	< 0.0548 U	--	--	--	--	--	--	--	--	--	--	--	**676**	**3,080**
	5/4/2017	N	**0.0191**	--	**0.00575**	--	< 0.01 U	--	**4.61**	--	**0.583**	--	--	--	--	--	--	--	**824**	**3,420**
	10/28/1997	N	< 0.10 U	--	**2.3**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**13**	**3,700**
	1/22/1999	N	< 0.10 U	--	**2.9**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,000**	**3,200**
	5/29/2001	N	--	< 0.05 U	--	**5.63**	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,100**	**4,670**
	8/29/2001	N	--	--	**5.23** **5.32**	**5.01** **4.89**	**4.6** **4**	**4** **4.2**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	2/4/2002	N	--	--	**6.57**	--	**4.8**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	**4,870**
	9/18/2002	N	--	--	**6.1**	--	**4**	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--
	9/18/2002	FD	--	--	**6.29**	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	**1,150**	--
	1/6/2003	N	--	--	--	--	**4**	--	--	--	--	--	--	--	--	--	--	--	**1,220**	--
	1/6/2003	FD	--	--	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	**1,210**	--
	3/26/2003	N	--	--	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	**1,230**	--
	3/26/2003	FD	--	--	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	**1,230**	--
	6/5/2003	N	--	--	--	--	**4.23**	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--
	6/5/2003	FD	--	--	--	--	**4.63**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	6/9/2003	N	--	< 0.05 U	**5.6**	**5.47**	**7.8**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	6/9/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,240**	--
	6/30/2003	N	--	< 0.05 U	**5.17**	**5.21**	**3.6**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	7/9/2003	N	--	< 0.05 U	**5.22**	**2.01**	**3.88**	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,100**	--
	7/15/2003	N	--	< 0.05 U	**5.28**	**4.95**	< 5 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,220**	--
	7/29/2003	N	--	< 0.05 U	**4.38**	**4.52**	**3.1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,240**	--
	8/21/2003	N	--	< 0.05 U	**3.24**	**3.86**	**0.027**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,220**	--
	9/29/2003	N	--	< 0.05 U	**2.87**	**3**	**1.7**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,100**	--
	10/27/2003	N	--	< 0.05 U	**2.99**	**3.16**	**0.9**	--	**1.4**	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,100**	--
	12/4/2003	N	--	< 0.05 U	**3.19**	**3.18**	**2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,030**	--
	1/5/2004	N	--	< 0.05 U	**3.12**	**3.33**	**1.8**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,050**	--
MW008A	3/1/2004	N	--	< 0.05 U	**3.77**	**3.18**	**1.7**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,110**	--
	3/31/2004	N	--	< 0.01 U	**3.85**	**3.66**	**3**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,100**	**4,440**
	5/4/2004	N	--	< 0.01 U	**3.38**	**3.73**	**2.9**	--	< 0.1 U	**0.3**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,250**	--
	6/7/2004	N	--	< 0.01 U	**3.82**	**3.93**	**4**	--	< 0.1 U	**3.4**	**0.06**	**0.11**	--	--	--	--	--	--	**1,000**	--
	7/7/2004	N	--	< 0.01 U	**7.74**	**4.08**	**2**	--	< 0.25 U	**1.01**	**0.12**	**0.08**	--	--	--	--	--	--	**1,100**	--
	8/10/2004	N	--	< 0.01 U	**3.83**	**3.83**	**2.6**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,120**	--
	9/16/2004	N	--	< 0.01 U	**3.84**	**3.83**	**1.6**	--	< 0.1 U	**0.1**	**0.06**	**0.06**	--	--	--	--	--	--	**1,050**	--
	10/4/2004	N	--	< 0.01 U	**3.75**	**3.75**	**1.3**	--	< 0.1 U	**0.1**	**0.06**	**0.07**	--	--	--	--	--	--	**1,040**	--
	11/8/2004	N	--	< 0.01 U	**3.75**	**3.75**	**0.6**	--	< 0.4 U	< 0.4 U	**0.09**	**0.09**	--	--	--	--	--	--	**1,070**	**4,730**
	12/16/2004	N	--	< 0.01 U	**3.56**	**3.51**	**1.9**	--	< 0.4 U	< 0.4 U	**0.13**	**0.13**	--	--	--	--	--	--	**1,100**	**4,830**
	1/6/2005	N	--	< 0.01 U	**2.83**	**3.31**	**4.6**	--	< 0.4 U	**0.61**	**0.18**	**0.22**	--	--	--	--	--	--	**1,110**	**4,520**
	2/7/2005	N	--	< 0.01 U	**2.66**	**2.77**	**2.2**	--	< 0.4 U	< 0.4 U	**0.6**	**0.59**	--	--	--	--	--	--	**1,090**	**4,830**
	3/8/2005	N	--	< 0.01 U	**1.73**	**1.95**	**1.4**	--	< 0.4 U	**0.92**	**0.95**	**1.13**	--	--	--	--	--	--	**1,040**	**4,570**
	4/6/2005	N	--	< 0.01 U	**0.182**	**1.49**	< 0.005 U	--	**3.23**	**3.66**	**1.79**	**1.91**	--	--	--	--	--	--	**1,040**	**4,510**
	5/10/2005	N	--	< 0.01 U	**0.1**	**0.42**	< 0.01 U	--	< 0.4 U	**2.13**	**2.25**	**2.21**	--	--	--	--	--	--	**1,040**	**4,450**
	6/7/2005	N	--	< 0.01 U	**0.09**	**0.21**	< 0.05 U	--	**1.23**	**1.52**	**2.14**	**2.24**	--	--	--	--	--	--	**1,060**	**4,320**
	7/6/2005	N	--	< 0.02 U	**0.11**	**0.13**	< 0.01 U	--	< 0.8 U	**22.3**	**1.71**	**1.75**	--	--	--	--	--	--	**1,330**	**4,900**
	8/2/2005	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/9/2006	N	--	**0.0329**	--	**0.205**	--	< 0.08 U	--	**29.5**	**2.36**	**2.36**	< 25 U	< 25 U	< 25 U	< 75 U	< 1.2 U	< 6 U	**996**	**4,190**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	7/18/2006	N	--	**0.0236**	--	**0.151**	--	< 0.02 U	--	**11.5**	**1.09**	**1.09**	< 5 U	< 5 U	< 5 U	< 15 U	**6.5**	**0.6**	**1,020**	**4,580**
	4/3/2007	N	--	**0.0753**	--	**0.204**	--	< 0.2 U	--	**70.6**	**1.49**	**1.49**	< 5 U	< 1 U	< 1 U	< 3 U	**20**	**2.2**	**1,010**	--
	4/15/2008	N	--	**0.0981**	--	**0.18**	--	< 1 U	--	**113**	**1.54**	**1.54**	< 25 U	< 25 U	< 25 U	< 75 U	**56**	**2.4**	**1,030**	**6,460**
	3/26/2009	N	--	**0.106**	--	**0.149**	--	< 0.2 U	--	**155**	**1.84**	**1.84**	< 5 U	< 5 U	< 5 U	< 15 U	**56**	**1.2**	**1,130**	**7,330**
	3/10/2010	N	--	< 0.25 U	--	< 0.250 U	--	**0.134**	--	**0.755**	**1.25**	**1.25**	< 1 U	< 1 U	< 1 U	< 1 U	**5.93**	**0.79**	**658**	**6,880**
	5/25/2012	N	**0.105**	--	**0.0721**	--	--	**0.633**	**4.42**	--	**0.458**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**912**	**5,880**
	5/16/2013	N	**0.0802**	--	**0.0863**	--	--	**0.0141**	**4.62**	--	**0.156**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**793**	**4,850**
	5/8/2014	N	**0.0686**	--	**0.0851**	--	--	< 0.0500 U	**2.53**	--	**0.0321 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**808**	**4,060**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW008A	6/3/2015	N	**0.037**	--	**0.0728**	--	--	< 0.0100 U	**1.05 J**	--	**0.0653**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**894**	**3,820**
	5/20/2016	N	**0.037**	--	**0.0655**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**585**	**2,690**
	5/4/2017	N	**0.0618**	--	**0.0767**	--	< 0.01 U	--	**17**	--	**0.176**	--	--	--	--	--	--	--	**771**	**2,740**
MW008M	10/1/2001	N	--	--	**4.65**	--	--	**2.8**	< 0.1 U	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,500**	**4,670**
	2/4/2002	N	--	--	**5.69**	--	**4.2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,600**	**5,190**
	2/4/2002	FD	--	--	**3.51**	--	**2.7**	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**910**	**3,860**
	6/9/2003	N	--	< 0.05 U	**2.57**	**5.43**	**7.43**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,500**	--
	6/9/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,490**	--
	6/30/2003	N	--	< 0.05 U	**5.29**	**5.24**	**4.07**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	7/9/2003	N	--	< 0.05 U	**5.37**	**4.29**	**4.36**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	7/15/2003	N	--	< 0.05 U	**5.52**	**5.78**	**5.2**	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	7/29/2003	N	--	< 0.05 U	**5.72**	**5.33**	**3**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	8/21/2003	N	--	< 0.05 U	**5.36**	**5.32**	**4.5**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	9/29/2003	N	--	< 0.05 U	**5.36**	**5.7**	**2.3**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	10/27/2003	N	--	< 0.05 U	**5.33**	**5.49**	**4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	12/4/2003	N	--	< 0.05 U	**5.92**	**5.77**	**2.6**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,500**	--
	1/6/2004	N	--	< 0.05 U	**5.56**	**5.45**	**1.2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,600**	--
	3/1/2004	N	--	< 0.05 U	**5.22**	**5.29**	**2.7**	--	< 0.1 U	**0.2**	**0.12**	< 0.05 U	--	--	--	--	--	--	**1,500**	--
	4/1/2004	N	--	< 0.01 U	**4.88**	**3.18**	**2.7**	--	< 0.1 U	**1.4**	< 0.05 U	**0.2**	--	--	--	--	--	--	**1,500**	**5,010**
	5/4/2004	N	--	< 0.01 U	**5.01**	**4.91**	**3.7**	--	< 0.1 U	**0.5**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,500**	--
	6/7/2004	N	--	**0.01**	**1.81**	**2.4**	**1.4**	--	< 0.25 U	**0.45**	**0.85**	**0.91**	--	--	--	--	--	--	**1,370**	--
	7/7/2004	N	--	**0.04**	**0.18**	**0.44**	< 0.005 U	--	**5.23**	**6.71**	**4.84**	**5.05**	--	--	--	--	--	--	**1,400**	--
	8/10/2004	N	--	**0.04**	**1.99**	**1.78**	< 0.005 U	--	**1.1**	**0.4**	**3.57**	**3.58**	--	--	--	--	--	--	**1,400**	--
	9/16/2004	N	--	< 0.01 U	**0.19**	**0.75**	< 0.005 U	--	**1**	**2.4**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,370**	--
	10/4/2004	N	--	< 0.01 U	**0.18**	**0.59**	**0.005**	--	**1.8**	**7.3**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,330**	--
	11/9/2004	N	--	< 0.01 U	**0.19**	**0.5**	< 0.05 U	--	**2.78**	**19.7**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,380**	**6,280**
	12/16/2004	N	--	< 0.01 U	**0.16**	**0.22**	**0.02**	--	**2.94**	**11.5**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,400**	**6,080**
	1/17/2005	N	--	< 0.01 U	**0.15**	**0.17**	< 0.005 U	--	**19.5**	**24.2**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,460**	**6,350**
	2/8/2005	N	--	< 0.01 U	**0.13**	**0.13**	< 0.005 U	--	**22.8**	**26.7**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,470**	**5,890**
	3/8/2005	N	--	**0.01**	**0.12**	**0.14**	**0.06**	--	**13.2**	**19.6**	**3.66**	**3.57**	--	--	--	--	--	--	**1,480**	**5,410**
	4/6/2005	N	--	**0.01**	**0.1**	**0.13**	< 0.005 U	--	**9.59**	**11.5**	**1.46**	**1.53**	--	--	--	--	--	--	**1,320**	**5,050**
	5/11/2005	N	--	< 0.01 U	**0.1**	**0.1**	< 0.01 U	--	< 0.4 U	**8.69**	**1.71**	**1.56**	--	--	--	--	--	--	**1,380**	**5,070**
	6/7/2005	N	--	< 0.01 U	**0.09**	**0.1**	< 0.01 U	--	**0.45**	**6.64**	**1.53**	**1.57**	--	--	--	--	--	--	**1,370**	**5,270**
	7/6/2005	N	--	< 0.01 U	**0.1**	**0.37**	< 0.01 U	--	--	**2.54**	**2.12**	**2.14**	--	--	--	--	--	--	**1,050**	**4,150**
	8/2/2005	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/10/2006	N	--	**0.0244**	--	**0.215**	--	< 0.08 U	--	**17.4**	**4.99**	**4.99**	< 10 U	< 10 U	< 10 U	< 30 U	< 12 U	< 66 U	**1,300**	**7,160**
	2/10/2006	FD	--	**0.0229**	--	**0.219**	--	< 0.08 U	--	**17.6**	**5.2**	**5.2**	< 10 U	< 10 U	< 10 U	< 30 U	< 12 U	< 64 U	**1,330**	**7,400**
	7/19/2006	N	--	< 0.02 U	--	**0.165**	--	< 0.02 U	--	**5.26**	**3.79**	**3.79**	< 5 U	< 5 U	< 5 U	< 15 U	**14**	**1**	**1,290**	**5,980**
	4/13/2007	N	--	**0.0261**	--	**0.163**	--	< 0.02 U	--	**55.8**	**0.869**	**0.869**	< 2 U	< 1 U	< 1 U	< 3 U	**18**	**1.3**	**1,200**	--
	4/16/2008	N	--	**0.0322**	--	**0.153**	--	< 1 U	--	**31**	**0.457**	**0.457**	< 2 U	< 1 U	< 1 U	< 3 U	**10**	**0.64**	**1,280**	**5,730**
	3/31/2009	N	--	**0.0458**	--	**0.145**	--	< 0.2 U	--	**22.8**	**0.318**	**0.318**	< 5 U	< 5 U	< 5 U	< 15 U	**2.5**	< 0.25 U	**1,230**	**5,300**
	3/10/2010	N	--	< 0.25 U	--	< 0.25 U	--	**0.16**	--	**3.99**	< 0.25 U	< 0.25 U	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 0.05 U	**934**	**3,940**
	5/25/2012	N	< 0.0100 U	--	**0.0299**	--	--	**0.0389**	**17.4**	--	**2.2**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,370**	**5,220**
	5/20/2013	N	< 0.0200 U	--	**0.00812 J**	--	--	< 0.100 U	**14.6**	--	**3.01**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,370**	**5,100**
	5/6/2014	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0500 U	**69.5**	--	**3.33**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,330**	**5,390**
	5/6/2014	FD	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0500 U	**82.5**	--	**3.3**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,330**	**5,390**
	6/3/2015	N	< 0.0200 U	--	**0.00820 J**	--	--	< 0.0500 U	**73.3 J**	--	**3.25**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,630**	**5,680**
	5/20/2016	N	**0.00587 J**	--	**0.00633 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**1,010**	**5,070**
	5/4/2017	N	**0.00325**	--	**0.0101**	--	< 0.01 U	--	**59.9**	--	**3.11**	--	--	--	--	--	--	--	**1,390**	**4,730**
	9/22/2017	N	**0.0032**	--	**0.00823**	--	< 0.01 U	--	**56.5**	--	**3.23**	--	--	--	--	--	--	--	**1,250**	**4,930**
	4/4/2018	Reg	--	**0.00803**	--	**0.0219**	--	< 0.0100 U	**107**	--	--	**2.96**	--	--	--	--	--	--	**1,470**	**4,580**
	4/4/2018	FD	--	**0.00222**	--	**0.00842**	--	< 0.0100 U	**91.3**	--	--	**3.23**	--	--	--	--	--	--	**1,490**	**3,820**
	9/14/2018	Reg	**0.00312 J**	--	**0.00775**	--	< 0.0100 U	--	--	**40.4**	**3.08**	--	--	--	--	--	--	--	**1,350**	**4,600**
MW009	8/20/1997	N	< 0.10 U	--	**0.26**	--	--	--	--	--	--	--	**2**	< 1 U	< 1 U	< 1 U	--	--	--	--
	9/16/1997	N	--	--	**0.16**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/21/1999	N	< 0.10 U	--	**0.06**	--	--	--	--	--	--	--	--	--	--	--	--	--	**410**	**2,000**
	11/18/1999	N	--	--	**0.33**	--	--	--	--	--	--	--	--	--	--	--	--	--	**410**	**2,000**
	5/31/2001	N	--	< 0.05 U	--	**0.08**	--	**0.095**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**560**	**2,760**
	1/29/2002	N	--	--	**0.1**	--	**0.1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**630**	**2,710**
	9/17/2002	N	--	--	**0.22**	--	**0.16**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**530**	--
	12/19/2002	N	--	--	--	--	**0.097**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.63**	< 0.05 U	**550**	--
	3/13/2003	N	--	--	--	--	**0.12**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**410**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW009	6/4/2003	N		--	--	--	--	**0.092**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.3**	< 0.05 U	**500**	--
	1/20/2004	N		--	--	**0.04**	--	**0.03**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.26 U	< 0.05 U	**280**	--
	6/24/2004	N		--	--	**0.03**	--	**0.027**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**240**	--
	1/4/2005	N		--	--	**0.19**	--	**0.17**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**340**	--
	6/6/2005	N		--	--	**0.12**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**300**	--
	2/2/2006	N		--	< 0.02 U	--	**0.0728**	--	**0.062**	--	**0.54**	**0.007**	**0.007**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**253**	**1,510**
	7/13/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**255**	**1,460**
	4/15/2008	N		--	< 0.02 U	--	**0.0198**	--	< 0.02 U	--	**0.591**	**0.0085**	**0.0085**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**384**	**1,990**
	3/26/2009	N		--	< 0.02 U	--	**0.0219**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**584**	**2,100**
	3/8/2010	N		--	< 0.05 U	--	< 0.05 U	--	**0.045**	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.05 U	< 0.05 U	**261**	**1,750**
	5/22/2012	N		< 0.0100 U	--	**0.0249**	--	--	**0.0143**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**224**	**1,510**
	5/15/2013	N		< 0.0200 U	--	**0.0196**	--	--	**0.0136**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**132**	**1,180**
	5/6/2014	N		< 0.0200 U	--	**0.031**	--	--	**0.0141**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**125**	**1,540**
	6/1/2015	N		**0.00769 J**	--	**0.0203**	--	--	**0.0148**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**106**	**1,080**
	5/19/2016	N		**0.00943 J**	--	**0.0207**	--	**0.0129**	--	--	--	--	--	--	--	--	--	--	--	**126**	**1,340**
	5/4/2017	N		**0.00655**	--	**0.0151**	--	**0.0115**	--	< 0.02 U	--	**0.0111**	--	--	--	--	--	--	--	**120**	**1,010**
MW009A	10/23/1997	N		< 0.10 U	--	**1.5**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**910**	**3,600**
	1/21/1999	N		< 0.10 U	--	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--	**780**	**2,930**
	5/24/2001	N		--	< 0.05 U	--	< 0.05 U	--	**1.4**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**700**	**3,260**
	9/27/2001	N		--	--	**1.4**	--	**1.3**	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/28/2002	N		--	--	**1.36**	--	**1.2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,190**	**3,470**
	9/18/2002	N		--	--	**1.31**	--	**0.7**	--	--	--	--	--	--	--	--	--	--	--	**590**	--
	9/18/2002	FD		--	--	**1.31**	--	**0.9**	--	--	--	--	--	--	--	--	--	--	--	**790**	--
	1/6/2003	N		--	--	--	--	**0.85**	--	--	--	--	--	--	--	--	--	--	--	**790**	--
	1/6/2003	FD		--	--	--	--	**0.76**	--	--	--	--	--	--	--	--	--	--	--	**820**	--
	3/20/2003	N		--	--	--	--	**0.8**	--	--	--	--	--	--	--	--	--	--	--	**830**	--
	3/20/2003	FD		--	--	--	--	**0.65**	--	--	--	--	--	--	--	--	--	--	--	**730**	--
	6/4/2003	N		--	--	--	--	**1.15**	--	--	--	--	--	--	--	--	--	--	--	**820**	--
	6/4/2003	FD		--	--	--	--	**1.1**	--	--	--	--	--	--	--	--	--	--	--	**840**	--
	1/20/2004	N		--	--	**1.38**	--	**1.5**	--	--	--	--	--	--	--	--	--	--	--	**880**	--
	1/20/2004	FD		--	--	**1.36**	--	**1.2**	--	--	--	--	--	--	--	--	--	--	--	**860**	--
	7/8/2004	N		--	--	**0.14**	--	**0.28**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**370**	--
	1/11/2005	N		--	--	**1.05**	--	**0.9**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**740**	--
	6/6/2005	N		--	--	**0.93**	--	--	--	--	--	--	--	--	--	--	--	--	--	**840**	--
	2/2/2006	N		--	< 0.02 U	--	**0.938**	--	**0.9**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**644**	**2,420**
	7/13/2006	N		--	< 0.02 U	--	**0.88**	--	**0.78**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**642**	**2,530**
	4/4/2007	N		--	< 0.02 U	--	**0.916**	--	**0.84**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**356**	--
	4/15/2008	N		--	< 0.02 U	--	**0.902**	--	**0.92**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**706**	**2,580**
	3/26/2009	N		--	< 0.02 U	--	**0.803**	--	**0.86**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**683**	**2,410**
	3/8/2010	N		--	< 0.05 U	--	**0.884**	--	**0.792**	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.053 U	< 0.05 U	**547**	**2,240**
	5/22/2012	N		< 0.0100 U	--	**0.63**	--	--	**0.63**	< 0.200 U	--	**0.023**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**536 J**	**2,040**
	9/6/2012	N		--	--	--	**0.615**	--	**0.634**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/15/2013	N		**0.00949 J**	--	**0.633**	--	--	**0.638**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**524**	**2,080**
	10/24/2013	N		--	--	--	**0.549**	--	**0.552 J**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/27/2014	N		**0.0102 J**	--	**0.204**	--	--	**0.176**	< 0.200 U	--	**0.312**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**497**	**1,890**
	6/1/2015	N		< 0.0200 U	--	**0.00162 J**	--	--	< 0.0100 U	< 0.200 U	--	**1.4**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**425**	**1,900**
	5/19/2016	N		< 0.00336 U	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**360**	**1,740**
	5/4/2017	N		**0.00378**	--	< 0.00684 UB	--	< 0.01 U	--	**0.0912**	--	**1.03**	--	--	--	--	--	--	--	**447**	**1,780**
MW010	9/16/1997	N		< 0.10 U	--	**0.14**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**520**	**2,400**
	1/19/1999	N		< 0.10 U	--	**0.37**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**	**3,100**
	11/18/1999	N		--	--	**0.32**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,100**	**3,800**
	5/24/2001	N		--	< 0.05 U	--	**0.22** **< 0.05 U**	--	**0.28** **0.036**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,800**	**5,130**
	1/29/2002	N		--	--	**0.35**	--	**0.17**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,700**	**4,750**
	9/17/2002	N		--	--	**0.27**	--	**0.21**	--	--	--	--	--	--	--	--	--	--	--	**1,700**	--
	12/30/2002	N		--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--	--	--	**2,100**	--
	3/17/2003	N		--	--	--	--	**0.13**	--	--	--	--	--	--	--	--	--	--	--	**2,200**	--
	6/2/2003	N		--	--	--	--	**0.152**	--	--	--	--	--	--	--	--	--	--	--	**2,200**	--
	1/21/2004	N		--	--	**0.01**	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	**1,140**	--
	6/23/2004	N		--	--	**0.01**	--	**0.011**	--	--	--	--	--	--	--	--	--	--	--	**1,250**	--
	1/3/2005	N		--	--	**0.08**	--	**0.04**	--	--	--	--	--	--	--	--	--	--	--	**2,090**	--
	6/6/2005	N		--	--	**0.06**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,060**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	1/24/2006	N	--	< 0.02 U	--	**0.0586**	--	**0.055**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**2,200**	**5,780**
	6/30/2006	N	--	< 0.02 U	--	**0.062**	--	**0.048**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**2,220**	**5,850**
	6/30/2006	FD	--	< 0.02 U	--	**0.0598**	--	**0.06**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.1**	< 3 U	**0.15**	< 0.05 U	**2,250**	**5,970**
MW010	4/11/2007	N	--	< 0.02 U	--	**0.0483**	--	**0.043**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**2,170**	--
	9/18/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/19/2007	N	--	--	--	**0.0445**	--	**0.023**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**2,430**	--
	4/7/2008	N	--	< 0.02 U	--	**0.0517**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**4.1**	**1.1**	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**2,300**	**5,140**
	8/13/2008	N	--	**0.024**	--	**0.0511**	--	< 0.02 U	--	< 0.2 U	**0.0071**	**0.0071**	**4.2**	**5.5**	**13**	< 3 U	< 0.1 U	**0.059**	**2,570**	**5,460**
	3/26/2009	N	--	< 0.02 U	--	**0.0412**	--	**0.033**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**2,590**	**5,670**
	8/19/2009	N	--	< 0.02 U	--	**0.0387**	--	**0.028**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.66**	< 0.05 U	**2,960**	--
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.04**	--	**0.097**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.191**	< 0.05 U	**2,390**	**5,410**
	8/6/2010	N	--	**0.013**	--	< 0.05 U	--	**0.046**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.193**	< 0.05 U	**2,350**	**7,090**
	5/21/2012	N	< 0.0100 U	--	**0.0594**	--	--	**0.0592**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**2,570**	**7,250**
	10/26/2012	N	--	< 0.0100 U	--	**0.0524**	--	**0.048**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**2,680**	**6,400**
	5/17/2013	N	**0.0107 J**	--	**0.0235**	--	--	**0.022**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**2,440**	**6,280**
	11/4/2013	N	< 0.0200 U	--	**0.0258**	--	--	**0.0193**	< 0.200 U	--	**0.0554**	--	**6.15**	**6.82**	**2.93**	**2.67**	--	--	**2,430**	**6,240**
	5/7/2014	N	**0.00572 J**	--	**0.034**	--	**0.0336**	--	**0.0656 J**	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**2,360**	**5,380**
	11/5/2014	N	**0.0166 J**	--	**0.0168**	--	**0.0114**	--	**0.246**	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,990**	**4,510**
	11/5/2014	FD	**0.00674 J**	--	**0.0154**	--	**0.00870 J**	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,490**	**4,460**
	5/27/2015	N	**0.00790 J**	--	**0.00879 J**	--	--	**0.00780 J**	< 0.200 U	--	**0.00483 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,500**	**4,490**
	11/4/2015	N	**0.00870 J**	--	**0.00708 J**	--	--	**0.00660 J**	**0.00951 J**	--	< 0.0200 U	--	--	--	--	--	--	--	**1,340**	**4,120**
	5/16/2016	N	**0.0561**	--	**0.0406**	--	**0.0513**	--	--	--	--	--	--	--	--	--	--	--	**3,050**	**6,480**
	9/20/2016	N	< 0.00336 U	--	**0.0528**	--	**0.0407**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**2,500**	**7,610**
	5/9/2017	N	**0.00884**	--	**0.0295**	--	**0.0271**	--	**0.0314**	--	**0.00459**	--	--	--	--	--	--	--	**2,730**	**6,960**
	9/21/2017	N	**0.00803**	--	**0.0190 J**	--	--	**0.00310 J**	< 0.100 U	--	**0.0104**	--	--	--	--	--	--	--	**2,360**	**5,620**
	4/2/2018	Reg	--	**0.00889**	--	**0.0242**	--	**0.0157**	< 0.100 U	--	--	**0.000740 J**	--	--	--	--	--	--	**2,920**	**4,910**
	9/13/2018	Reg	**0.00939 J**	--	**0.0228**	--	**0.012**	--	--	< 0.500 U	**0.00206 J**	--	--	--	--	--	--	--	**2,550**	**4,990**
MW011	1/20/1999	N	< 0.10 U	--	**4.6**	--	--	--	--	--	--	--	--	--	--	--	--	--	**990**	**3,600**
	11/18/1999	N	--	--	**6.2**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,200**	**4,600**
	5/31/2001	N	--	< 0.05 U	--	**4.4**	--	**6.3**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,600**	**4,950**
	8/30/2001	N	--	--	**4.15** **4.12**	**4.25** **4.21**	**2.6** **2.8**	**2.6** **2.6**	< 0.1 U	**0.1**	--	--	--	--	--	--	--	--	--	--
	1/31/2002	N	--	--	**4.6**	--	**3.7**	--	< 0.1 U	**0.5**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,500**	**4,770**
	9/19/2002	N	--	--	**4.76**	--	**2.3**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	**4,980**
	1/7/2003	N	--	--	--	--	**2**	--	--	--	--	--	--	--	--	--	--	--	**1,190**	--
	3/26/2003	N	--	--	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	**1,240**	--
	6/2/2003	N	--	--	--	--	**3.67**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	6/10/2003	N	--	< 0.05 U	**4.53**	**4.67**	**3.97**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	6/10/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,220**	--
	7/1/2003	N	--	< 0.05 U	**4.85**	**4.41**	**3.91**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	7/8/2003	N	--	< 0.05 U	**4.64**	**4.51**	**3.92**	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	7/14/2003	N	--	< 0.05 U	**4.4**	**4.4**	**3.94**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,210**	--
	7/29/2003	N	--	< 0.05 U	**4.88**	**5.02**	**4**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	8/19/2003	N	--	< 0.05 U	**4.26**	**4.33**	**3.4**	--	< 0.1 U	< 0.1 U	**0.1**	**0.1**	--	--	--	--	--	--	**1,200**	--
	9/29/2003	N	--	< 0.05 U	**4.49**	**4.4**	**2.2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	10/28/2003	N	--	< 0.05 U	**4.34**	**4.52**	**3.4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,300**	--
	12/8/2003	N	--	< 0.05 U	**4.47**	**4.36**	**3**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,170**	--
	1/6/2004	N	--	< 0.05 U	**4.45**	**4.68**	**1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,400**	--
	3/2/2004	N	--	< 0.05 U	**4.08**	**4.06**	**3** **2.9**	--	< 0.1 U	**0.6**	< 0.05 U	**1.75**	--	--	--	--	--	--	**1,070**	--
	4/1/2004	N	--	**0.01**	**4.3**	**4.28**	**1.4**	--	< 0.1 U	< 0.1 U	**0.06**	< 0.05 U	--	--	--	--	--	--	**1,230**	**4,820**
	5/13/2004	N	--	--	--	--	**1.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/2004	N	--	< 0.01 U	**4.11**	**4.31**	**2.6**	--	< 0.1 U	**0.5**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	6/10/2004	N	--	--	--	--	**2.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/2004	N	--	< 0.01 U	**3.79**	**3.93**	**2.6**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,000**	--
	7/8/2004	N	--	--	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/13/2004	N	--	< 0.01 U	**3.04**	**3.96**	**3.6**	--	< 0.1 U	**0.3**	**0.09**	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	8/11/2004	N	--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/12/2004	N	--	< 0.01 U	**3.56**	**3.92**	**2.8**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,000**	--
	9/14/2004	N	--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2004	N	--	< 0.01 U	**3.94**	**4.21**	**1.7**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

ARCADIS Design & Consultancy for natural and built assets

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	10/5/2004	N		--	< 0.01 U	**3.98**	**3.88**	**1.3** **1.8**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,160**	--
	10/6/2004	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/2004	N		--	--	--	--	**3**	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/2004	N		--	< 0.01 U	**4.1**	**3.87**	--	**2.9**	< 0.2 U	**0.89**	**0.05**	**0.05**	--	--	--	--	--	--	**1,060**	**4,490**
	12/20/2004	N		--	--	--	--	**4.4**	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/2004	N		--	< 0.01 U	**3.77**	**3.86**	**2**	--	< 0.4 U	< 0.4 U	**0.03**	**0.03**	--	--	--	--	--	--	**1,200**	**4,590**
	1/25/2005	N		--	< 0.01 U	**3.44**	**3.14**	**2.6**	--	< 0.4 U	< 0.4 U	< 0.01 U	**0.01**	--	--	--	--	--	--	**1,100**	**4,560**
	2/8/2005	N		--	< 0.01 U	**2.97**	**2.79**	**1.1**	--	< 0.4 U	< 0.4 U	**0.01**	**0.01**	--	--	--	--	--	--	**1,050**	**4,690**
	3/9/2005	N		--	< 0.01 U	**2.91**	**2.92**	**2.3**	--	< 0.4 U	< 0.4 U	**0.01**	**0.01**	--	--	--	--	--	--	**1,160**	**4,550**
	4/12/2005	N		--	< 0.01 U	**0.42**	**0.43**	**3**	--	**1.2**	**4.13**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,600**	**11,200**
	5/12/2005	N		--	< 0.01 U	**3.35**	**3.38**	**3.1**	--	< 0.4 U	< 0.4 U	**0.03**	**0.03**	--	--	--	--	--	--	**1,400**	**5,000**
	6/8/2005	N		--	< 0.01 U	**3.19**	**3.08**	**3.3**	--	< 0.4 U	< 0.4 U	**0.03**	**0.03**	--	--	--	--	--	--	**1,530**	**5,270**
	7/11/2005	N		--	< 0.01 U	**3.24**	**3.52**	**4.4**	--	< 0.4 U	< 0.4 U	**0.03**	**0.04**	--	--	--	--	--	--	**1,670**	**5,310**
	2/9/2006	N		--	< 0.02 U	--	**3.9**	--	**3.2**	--	**0.94**	**0.187**	**0.187**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,450**	**5,230**
	7/19/2006	N		--	< 0.02 U	--	**3.81**	--	**3.5**	--	< 0.2 U	**0.11**	**0.11**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1,360**	**5,280**
MW011	3/29/2007	N		--	< 0.02 U	--	**4.15**	--	**3.3**	--	< 0.2 U	**0.0204**	**0.0204**	**1.3**	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,200**	--
	4/16/2008	N		--	< 0.02 U	--	**3.59**	--	**0.86**	--	< 0.2 U	**0.0333**	**0.0333**	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**1,660**	**5,040**
	3/31/2009	N		--	< 0.02 U	--	**3.67**	--	**3.8**	--	< 0.2 U	**0.0337**	**0.0337**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,380**	**5,530**
	3/10/2010	N		--	< 0.05 U	--	**0.086**	--	**0.015**	--	**0.052**	**0.486**	**0.486**	< 1 U	< 1 U	< 1 U	< 1 U	**0.086**	< 0.05 U	**1,010**	**4,630**
	5/22/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	**0.0398**	**5.23**	--	**2.87**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,130**	**4,590**
	5/20/2013	N		**0.0108 J**	--	**0.0143**	--	--	< 0.100 U	**0.598**	--	**1.9**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1130 E**	**3,430**
	5/8/2014	N		**0.00881 J**	--	**0.00830 J**	--	--	< 0.0500 U	**2.59**	--	**4.3**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,190**	**3,700**
	6/3/2015	N		< 0.0200 U	--	**0.00385 J**	--	--	< 0.0100 U	**5.66 J**	--	**4.42**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,170**	**4,640**
	5/20/2016	N		**0.0105**	--	**0.00528 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**876**	**4,180**
	5/5/2017	N		**0.0896 J**	--	**0.00934**	--	< 0.01 U	--	**113 J**	--	**1.49**	--	--	--	--	--	--	--	**1,600**	**4,370**
	5/5/2017	FD		**0.00802 J**	--	< 0.00476 UB	--	< 0.01 U	--	**16.5 J**	--	**1.64**	--	--	--	--	--	--	--	**1,580**	**4,630**
	10/23/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**210**	**940**
	1/20/1999	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**170**	**930**
	5/22/2001	N		--	< 0.05 U	--	< 0.05 U	--	**0.029**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**210**	**840**
	1/28/2002	N		--	--	**0.11**	--	**0.104**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**210**	**1000**
	9/12/2002	N		--	--	**0.38**	--	**0.3**	--	--	--	--	--	--	--	--	--	--	--	**270**	--
	12/26/2002	N		--	--	--	--	**0.32**	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	3/18/2003	N		--	--	--	--	**0.22**	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	6/2/2003	N		--	--	--	--	**0.398**	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	6/10/2003	N		--	< 0.05 U	**0.38**	**0.4**	**0.354**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**340**	--
	6/10/2003	FD		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	7/1/2003	N		--	< 0.05 U	**0.41**	**0.39**	**0.263**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**200**	--
	7/8/2003	N		--	< 0.05 U	**0.32**	**0.34**	**0.223**	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**290**	--
	7/14/2003	N		--	< 0.05 U	**0.25**	**0.29**	**0.045**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**300**	--
	7/29/2003	N		--	< 0.05 U	**0.14**	**0.21**	< 0.005 U	--	< 0.1 U	< 0.1 U	**0.09**	**0.09**	--	--	--	--	--	--	**340**	--
	8/19/2003	N		--	< 0.05 U	**0.12**	**0.17**	< 0.005 U	--	**0.1**	**0.2**	**0.21**	**0.23**	--	--	--	--	--	--	**320**	--
	9/29/2003	N		--	< 0.05 U	**0.09**	**0.13**	< 0.005 U	--	**0.2**	**0.2**	**0.28**	**0.28**	--	--	--	--	--	--	**340**	--
	10/28/2003	N		--	< 0.05 U	**0.09**	**0.13**	< 0.005 U	--	< 0.1 U	**0.2**	**0.2**	**0.21**	--	--	--	--	--	--	**300**	--
	12/8/2003	N		--	< 0.05 U	**0.1**	**0.12**	**0.061**	--	**0.1**	< 0.1 U	**0.14**	**0.15**	--	--	--	--	--	--	**310**	--
	1/6/2004	N		--	< 0.05 U	**0.16**	**0.19**	**0.068**	--	< 0.1 U	< 0.1 U	**0.12**	**0.12**	--	--	--	--	--	--	**400**	--
	3/4/2004	N		--	< 0.05 U	**1.07**	< 0.05 U	**0.6**	--	< 0.1 U	**11.5**	**0.43**	**0.22**	--	--	--	--	--	--	**710**	--
MW011A	4/1/2004	N		--	**0.01**	**3.69**	**3.62**	**2.6**	--	< 0.1 U	< 0.1 U	**0.17**	**0.16**	--	--	--	--	--	--	**1,300**	**5,220**
	5/13/2004	N		--	--	--	--	**3.2**	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/2004	N		--	< 0.01 U	**2.75**	**2.84**	**3.2**	--	< 0.1 U	< 0.1 U	**0.09**	**0.09**	--	--	--	--	--	--	**1,210**	--
	6/10/2004	N		--	--	--	--	**3.6**	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/2004	N		--	< 0.01 U	**2.64**	**3.18**	**2.8**	--	< 0.1 U	**0.7**	**0.07**	**0.08**	--	--	--	--	--	--	**1,400**	--
	7/8/2004	N		--	--	--	--	**3.4**	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/12/2004	N		--	**0.01**	**2.04**	**2.37**	**1.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**920**	--
	8/11/2004	N		--	--	--	--	**1.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/12/2004	N		--	< 0.01 U	**2.73**	**3.5**	**1.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**900**	--
	9/15/2004	N		--	< 0.01 U	**2.13**	**2.45**	**1.3** **1.4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**810**	--
	10/5/2004	N		--	--	--	--	**2**	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/7/2004	N		--	< 0.01 U	**1.69**	**1.67**	**1.4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**640**	--
	11/11/2004	N		--	--	--	--	< 1 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/2004	N		--	< 0.01 U	**2.23**	**2.24**	**7.6**	--	< 0.2 U	< 0.2 U	**0.03**	**0.03**	--	--	--	--	--	--	**790**	**3,370**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	12/20/2004	N	--	--	--	--	3.3	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/2004	N	--	< 0.01 U	1.87	1.71	0.8	--	< 0.4 U	< 0.4 U	0.02	0.02	--	--	--	--	--	--	710	2,950
	1/19/2005	N	--	--	--	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/25/2005	N	--	< 0.01 U	3.22	3.17	--	--	< 0.4 U	< 0.4 U	0.02	0.02	--	--	--	--	--	--	1,200	4,390
	2/8/2005	N	--	< 0.01 U	3.55	3.27	3.2	--	< 0.4 U	< 0.4 U	0.03	0.03	--	--	--	--	--	--	1,270	4,790
	3/9/2005	N	--	< 0.01 U	4.04	4	3.4	--	< 0.4 U	< 0.4 U	0.03	0.03	--	--	--	--	--	--	1,310	5,150
	4/11/2005	N	--	< 0.01 U	3.89	3.91	3	--	< 0.4 U	< 0.4 U	0.03	0.03	--	--	--	--	--	--	1,330	5,340
	5/11/2005	N	--	< 0.01 U	3.83	3.64	4.8	--	< 0.4 U	< 0.4 U	0.03	0.03	--	--	--	--	--	--	1,400	5,330
	6/8/2005	N	--	< 0.01 U	3.44	3.47	3.2	--	< 0.4 U	< 0.4 U	0.03	0.03	--	--	--	--	--	--	1,350	5,260
	7/11/2005	N	--	< 0.01 U	3.55	3.59	4.1	--	< 0.4 U	< 0.4 U	0.03	0.03	--	--	--	--	--	--	1,370	5,310
	2/10/2006	N	--	< 0.02 U	--	3.75	--	3.5	--	< 0.2 U	0.0263	0.0263	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	1,350	5,320
	7/19/2006	N	--	< 0.02 U	--	4.32	--	4.2	--	< 0.2 U	0.0299	0.0299	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	1,480	5,290
	3/29/2007	N	--	< 0.02 U	--	3.94	--	3.4	--	< 0.2 U	0.0407	0.0407	1.7	< 1 U	< 1 U	< 3 U	0.14	< 0.05 U	1,370	--
	4/16/2008	N	--	< 0.02 U	--	3.88	--	3.8	--	< 0.2 U	0.0441	0.0441	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	1,460	5,640
MW011A	3/31/2009	N	--	< 0.02 U	--	3.77	--	3.7	--	< 0.2 U	0.0151	0.0151	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	1,420	6,130
	3/10/2010	N	--	< 0.05 U	--	3.77	--	4.04	--	0.382	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.059 U	< 0.05 U	660	5,430
	5/22/2012	N	< 0.0100 UJ	--	1.82	--	--	1.72 J	< 0.200 U	--	0.0498	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,350	4,720
	5/20/2013	N	< 0.0200 U	--	2.27	--	--	1.94	< 0.200 UJ	--	0.0424	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1250 E	4,540
	5/8/2014	N	0.00886 J	--	0.114	--	--	< 0.0500 U	< 0.200 U	--	2.93	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,260	3,090
	6/3/2015	N	0.00677 J	--	0.22	--	--	0.033	< 0.200 UJ	--	2.31	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,300	5,160
	5/20/2016	N	0.0189	--	1.81	--	1.38	--	--	--	--	--	--	--	--	--	--	--	1,020	4,430
	5/5/2017	N	0.0128 J	--	1.03 J	--	0.976	--	< 0.02 U	--	0.197 J	--	--	--	--	--	--	--	941	3,310
	9/22/2017	N	0.0133	--	0.692	--	0.65	--	< 0.1 U	--	0.182	--	--	--	--	--	--	--	785	3,530
	9/22/2017	FD	0.0134	--	0.707	--	0.645	--	< 0.1 U	--	0.183	--	--	--	--	--	--	--	790	2,950
	4/4/2018	Reg	--	0.0119	--	0.371	--	0.329	< 0.100 U	--	--	0.16	--	--	--	--	--	--	729	2,090
	9/14/2018	Reg	0.0142	--	0.291	--	0.242	--	--	< 0.100 U	0.193	--	--	--	--	--	--	--	646	2,160
	9/14/2018	FD	0.0136	--	0.277	--	0.239	--	--	< 0.100 U	0.187	--	--	--	--	--	--	--	576	2,080
	10/1/2001	N	--	--	1.84	--	--	1.7	< 0.1 U	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	1,400	4,710
	2/4/2002	N	--	--	2.43	--	2.2	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	5,020
	6/10/2003	N	--	< 0.05 U	2.9	2.81	2.5	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	--
	6/10/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,350	--
	7/1/2003	N	--	< 0.05 U	5.7	3.38	3.02	--	< 0.1 U	< 0.1 U	0.1	0.05	--	--	--	--	--	--	1,500	--
	7/8/2003	N	--	< 0.05 U	3.01	2.94	1.89	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	--
	7/14/2003	N	--	< 0.05 U	3.01	2.93	1.59	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	--
	7/30/2003	N	--	< 0.05 U	3.38	3.26	2.4	--	< 0.1 U	< 0.1 U	0.06	0.06	--	--	--	--	--	--	1,400	--
	8/19/2003	N	--	< 0.05 U	2.95	3.15	1.9	--	< 0.1 U	< 0.1 U	0.12	0.12	--	--	--	--	--	--	1,400	--
	9/29/2003	N	--	< 0.05 U	2.9	2.79	1.3	--	< 0.1 U	< 0.1 U	0.06	0.06	--	--	--	--	--	--	1,600	--
	10/28/2003	N	--	< 0.05 U	2.68	2.8	2.3	--	< 0.1 U	< 0.1 U	0.05	0.05	--	--	--	--	--	--	1,400	--
	12/4/2003	N	--	< 0.05 U	2.98	2.93	1.6	--	< 0.1 U	< 0.1 U	0.06	0.06	--	--	--	--	--	--	1,400	--
	1/6/2004	N	--	< 0.05 U	2.43	2.66	0.69	--	< 0.1 U	< 0.1 U	0.06	< 5 U	--	--	--	--	--	--	1,500	--
	3/2/2004	N	--	< 0.05 U	3.99	4	3.7 3.1	--	< 0.1 U	0.7	0.13	< 0.05 U	--	--	--	--	--	--	1,600	--
	4/1/2004	N	--	< 0.01 U	2.65	4.92	1.6	--	< 0.1 U	0.1	0.19	< 0.05 U	--	--	--	--	--	--	1,600	5,840
	5/13/2004	N	--	--	--	--	0.95	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/2004	N	--	< 0.01 U	2.37	2.34	2.4	--	< 0.1 U	< 0.1 U	4.92	4.82	--	--	--	--	--	--	1,800	--
	6/10/2004	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/2004	N	--	< 0.01 U	0.06	0.67	0.037	--	< 0.1 U	7.3	1.88	1.86	--	--	--	--	--	--	700	--
	7/8/2004	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/13/2004	N	--	< 0.01 U	< 0.05 U	0.44	< 0.005 U	--	0.3	3.2	3.32	3.26	--	--	--	--	--	--	1,300	--
MW011M	8/11/2004	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/2004	N	--	< 0.01 U	< 0.05 U	0.24	< 0.005 U	--	0.2	1	3.42	3.64	--	--	--	--	--	--	900	--
	9/14/2004	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/15/2004	N	--	0.01	0.09	0.15	< 0.02 U	--	3.5	16.4	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,590	--
	10/5/2004	N	--	< 0.01 U	0.18	0.17	< 0.005 U 1	--	17.7	17.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,570	--
	10/6/2004	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/11/2004	N	--	--	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/16/2004	N	--	0.04	0.11	0.15	< 0.005 U	--	< 0.2 U	14.1	< 0.01 U	< 0.01 U	--	--	--	--	--	--	1,320	5,870
	12/20/2004	N	--	--	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/2004	N	--	< 0.01 U	0.23	0.2	< 0.005 U	--	50.1	52.9	< 0.01 U	< 0.01 U	--	--	--	--	--	--	1,550	7,850
	1/25/2005	N	--	< 0.01 U	0.27	0.29	< 0.005 U	--	< 0.4 U	2.62	< 0.01 U	< 0.01 U	--	--	--	--	--	--	1,600	9,010
	2/9/2005	N	--	< 0.01 U	0.02	0.06	< 0.005 U	--	< 0.4 U	2.18	0.64	0.81	--	--	--	--	--	--	1,580	10,000
	3/9/2005	N	--	< 0.01 U	0.42	0.42	< 0.02 U	--	0.75	2.22	23.8	34.4	--	--	--	--	--	--	1,490	11,000

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW011M	4/12/2005	N	--	< 0.01 U	3.13	3.28	< 0.05 U	--	< 0.4 U	< 0.4 U	0.02	0.02	--	--	--	--	--	--	1,600	4,990
	5/12/2005	N	--	< 0.01 U	0.43	0.41	< 0.05 U	--	5.18	7.98	8.4	7.85	--	--	--	--	--	--	1,620	9,670
	6/8/2005	N	--	< 0.05 U	0.39	0.44	< 0.05 U	--	6.4	10.5	3	3.33	--	--	--	--	--	--	1,180	8,280
	7/11/2005	N	--	< 0.05 U	< 0.5 U	0.42	< 0.05 U	--	< 20 U	15.5	1.3	2.81	--	--	--	--	--	--	1,590	7,400
	2/10/2006	N	--	< 0.02 U	--	0.319	--	< 0.08 U	--	6.61	0.985	0.985	< 10 U	< 10 U	< 10 U	< 30 U	< 1.2 U	< 12 U	1,540	6,120
	7/19/2006	N	--	0.0203	--	0.267	--	< 0.02 U	--	< 0.2 U	0.128	0.128	< 5 U	< 5 U	< 5 U	< 15 U	1.7	< 0.25 U	1,470	5,640
	7/19/2006	FD	--	0.0225	--	0.266	--	< 0.02 U	--	< 0.2 U	0.131	0.131	< 5 U	< 5 U	< 5 U	< 15 U	1.8	< 0.25 U	1,400	5,500
	3/29/2007	N	--	0.0327	--	0.205	--	< 0.2 U	--	< 0.275 U	0.0449	0.0449	< 5 U	1.2	< 1 U	< 3 U	0.86	< 0.05 U	1,410	--
	4/16/2008	N	--	< 0.02 U	--	0.092	--	< 1 U	--	5.71	0.869	0.869	< 2 U	< 1 U	< 1 U	< 3 U	0.56	< 0.05 U	1,370	4,680
	3/31/2009	N	--	< 0.02 U	--	0.0672	--	< 0.2 U	--	6.21	0.628	0.628	< 5 U	< 5 U	< 5 U	< 15 U	0.3	< 0.25 U	1,330	5,250
	3/10/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.1 U	--	0.547	0.786	0.786	< 1 U	< 1 U	< 1 U	< 1 U	0.139	0.158	2,040	3,820
	5/22/2012	N	< 0.0100 UJ	--	0.039	--	--	0.0188 J	0.352	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,420	4,340
	5/20/2013	N	< 0.0200 U	--	0.0189	--	--	< 0.100 U	0.173 J	--	0.00474 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1290 E	4,400
	5/6/2014	N	< 0.0200 U	--	0.0216	--	< 0.0500 U	--	0.267	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,240	4,720
	6/4/2015	N	0.0110 J	--	0.0209	--	< 0.0500 U	--	< 0.200 UJ	--	0.0169 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,460	4,940
	5/20/2016	N	0.00449 J	--	0.0308	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	1,000	4,910
	5/5/2017	N	0.00253 J	--	0.0202 J	--	< 0.01 U	--	2.28 J	--	0.0305 J	--	--	--	--	--	--	--	1,360	3,970
MW012	2/19/1999	N	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	850	3,500
	11/18/1999	N	--	--	3	--	--	--	--	--	--	--	--	--	--	--	--	--	820	4,300
	11/18/1999	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	760	2,900
	5/30/2001	N	--	< 0.05 U	--	3.35	--	2.5	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	910	4,020
	5/30/2001	FD	--	< 0.05 U	--	3.3	--	2.4	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	800	4,020
	8/27/2001	N	--	--	2.99 3.02	3.06 3.06	3.4 3.3	2.1 4.6	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	1/31/2002	N	--	--	3.15	--	2.5	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	960	3,780
	1/31/2002	FD	--	--	1.24	--	2.2	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	960	3,840
	9/18/2002	N	--	--	3.82	--	2.2	--	--	--	--	--	--	--	--	--	--	--	830	--
	1/6/2003	N	--	--	--	--	1.3	--	--	--	--	--	--	--	--	--	--	--	540	--
	3/26/2003	N	--	--	--	--	2.5	--	--	--	--	--	--	--	--	--	--	--	820	--
	6/3/2003	N	--	--	--	--	2.32	--	--	--	--	--	--	--	--	--	--	--	670	--
	6/10/2003	N	--	< 0.05 U	2.84	2.96	2.64	--	< 0.1 U	0.1	< 0.05 U	< 0.05 U	--	--	--	--	--	--	780	--
	7/2/2003	N	--	< 0.05 U	2.39	2.54	2.14	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	680	--
	7/7/2003	N	--	< 0.05 U	3.08	3	2.67	--	< 0.1 U	0.1	< 0.05 U	< 0.05 U	--	--	--	--	--	--	760	--
	7/14/2003	N	--	< 0.05 U	3.24	3.64	2.97	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	680	--
	7/30/2003	N	--	< 0.05 U	3.42	3.28	2.5	--	< 0.1 U	0.7	< 0.05 U	< 0.05 U	--	--	--	--	--	--	770	--
	8/20/2003	N	--	< 0.05 U	1.54	1.66	0.7	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	730	--
	9/30/2003	N	--	< 0.05 U	3.87	3.95	2.8	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	800	--
	10/28/2003	N	--	< 0.05 U	4.12	4.27	3.2	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	800	--
	12/8/2003	N	--	< 0.05 U	3.19	3.29	1.2	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	680	--
	1/7/2004	N	--	< 0.05 U	2.67	2.82	0.6	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	700	3,090
	2/18/2004	N	--	< 0.05 U	2.18	3.76	0.79	--	< 0.1 U	0.5	< 0.05 U	< 0.05 U	--	--	--	--	--	--	760	--
	4/6/2004	N	--	0.01	2.67	2.98	1.4	--	< 0.1 U	0.4	< 0.05 U	< 0.05 U	--	--	--	--	--	--	820	--
	5/6/2004	N	--	0.01	2.7	2.94	1.1	--	< 0.1 U	0.1	< 0.05 U	< 0.05 U	--	--	--	--	--	--	930	--
	6/8/2004	N	--	0.02	2.84	3.29	2	--	< 0.1 U	0.6	< 0.05 U	< 0.05 U	--	--	--	--	--	--	830	--
	7/13/2004	N	--	0.01	2.51	2.95	2.5	--	< 0.1 U	1.3	< 0.05 U	< 0.05 U	--	--	--	--	--	--	750	--
	8/12/2004	N	--	0.01	2.98	3.49	1.4	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	800	--
	9/9/2004	N	--	0.01	2.35	3.08	1.3	--	< 0.1 U	0.1	< 0.05 U	< 0.05 U	--	--	--	--	--	--	730	--
	10/6/2004	N	--	< 0.01 U	1.52	1.47	0.5	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	560	--
	11/10/2004	N	--	< 0.01 U	1.57	1.42	0.018	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	600	2,960
	12/28/2004	N	--	< 0.01 U	1.39	1.24	0.9	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	600	2,850
	1/18/2005	N	--	< 0.01 U	1.4	1.47	1.3	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	640	2,700
	2/9/2005	N	--	< 0.01 U	1.8	2.9	0.9	--	< 4 U	< 4 U	< 0.1 U	< 0.1 U	--	--	--	--	--	--	710	3,180
	3/10/2005	N	--	< 0.01 U	1.55	1.34	0.6	--	< 0.4 U	0.57	< 0.01 U	0.01	--	--	--	--	--	--	540	2,970
	4/13/2005	N	--	< 0.01 U	1.45	1.92	0.51	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	560	2,860
	5/17/2005	N	--	< 0.01 U	1.25	1.14	0.63	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	520	2,770
	6/9/2005	N	--	< 0.01 U	1.2	1.44	1.7	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	560	2,950
	7/11/2005	N	--	< 0.01 U	1.18	1.27	1.2	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	510	2,860
	2/10/2006	N	--	< 0.02 U	--	0.104	--	0.083	--	< 0.2 U	0.0798	0.0798	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	439	2,480
	7/20/2006	N	--	< 0.02 U	--	0.0284	--	< 0.02 U	--	11.1	0.95	0.95	< 1 U	< 1 U	< 1 U	< 3 U	0.44	0.063	408	2,160
	4/2/2007	N	--	< 0.02 U	--	0.079	--	< 0.02 U	--	1.54	0.0517	0.0517	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	436	--
	4/17/2008	N	--	0.0316	--	< 0.015 U	--	< 0.5 U	--	18.7	4.05	4.05	< 5 U	< 5 U	< 5 U	< 5 U	0.56	< 0.25 U	848	2,640
	4/1/2009	N	--	0.0335	--	< 0.015 U	--	< 0.02 U	--	5.95	6.9	6.9	< 1 U	< 1 U	< 1 U	< 3 U	0.39	< 0.05 U	447	2,220

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/11/2010	N	--	**0.053**	--	< 0.050 U	--	< 0.10 U	--	**0.376**	**5.76**	**5.76**	< 1 U	< 1 U	< 1 U	< 1 U	**0.31**	< 0.05 U	**320**	**1,900**
	5/22/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	**0.0466**	**17.4**	--	**2.33**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**768**	**2,980**
	5/21/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.100 U	< 0.200 UJ	--	**5.81**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**399**	**2,050**
	5/28/2014	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	**1.73**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**446**	**1,980**
	5/26/2015	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	**2.81**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**425**	**1,740**
	5/13/2016	N	**0.045**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**526**	**2,110**
	5/5/2017	N	**0.0149**	--	< 0.004 U	--	< 0.01 U	--	**3.08**	--	**4.29**	--	--	--	--	--	--	--	**469**	**2,080**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

			Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																			
MW012A	11/4/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**74**	**480**
	5/22/2001	N		--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**80**	**500**
	1/28/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	**530**
	9/5/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	12/19/2002	N		--	--	--	--	**< 0.005 U 0.02**	--	--	--	--	--	--	--	--	--	--	--	**71 87**	--
	3/3/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**64**	--
	5/21/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**54**	--
	6/10/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**53**	--
	6/10/2003	FD		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**57**	--
	7/2/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**50**	--
	7/7/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	--
	7/14/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	--
	7/30/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	**0.35**	--	**0.2**	**0.2**	**0.18**	**0.18**	--	--	--	--	--	--	**60**	--
	8/20/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**0.4**	**0.3**	**0.25**	**0.22**	--	--	--	--	--	--	**70**	--
	9/30/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**0.1**	**0.3**	**0.21**	**0.21**	--	--	--	--	--	--	**67**	--
	10/28/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**0.1**	**0.3**	**0.26**	**0.25**	--	--	--	--	--	--	**60**	--
	12/9/2003	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**0.1**	**0.2**	**0.27**	**0.27**	--	--	--	--	--	--	**60**	--
	1/7/2004	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**0.1**	**0.3**	**0.28**	**0.29**	--	--	--	--	--	--	**120**	**700**
	2/19/2004	N		--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	--
	4/6/2004	N		--	**0.01**	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**0.3**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	--
	5/6/2004	N		--	**0.01**	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	--
	6/8/2004	N		--	**0.02**	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**2.2**	< 0.05 U	**0.05**	--	--	--	--	--	--	**60**	--
	7/14/2004	N		--	**0.02**	< 0.05 U	< 0.05 U	**0.05**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**70**	--
	8/12/2004	N		--	**0.03**	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**59**	--
	9/9/2004	N		--	**0.02**	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**2.4**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**70**	--
	10/6/2004	N		--	**0.02**	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**60**	--
	11/10/2004	N		--	**0.02**	< 0.01 U	< 0.01 U	< 0.05 U	--	< 0.4 U	< 0.4 U	**0.01**	< 0.01 U	--	--	--	--	--	--	**70**	**530**
	12/28/2004	N		--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**63**	**560**
	1/18/2005	N		--	**0.02**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**80**	**580**
	2/10/2005	N		--	**0.02**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	**0.01**	--	--	--	--	--	--	**70**	**520**
	3/10/2005	N		--	**0.02**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**70**	**530**
	4/13/2005	N		--	**0.02**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	**1.61**	< 0.01 U	**0.03**	--	--	--	--	--	--	**70**	**540**
	5/17/2005	N		--	**0.01**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**70**	**530**
	6/14/2005	N		--	**0.01**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**90**	**530**
	7/12/2005	N		--	**0.01**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**80**	**550**
	2/10/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.039**	**0.039**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**72.6**	**533**
	7/20/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0638**	**0.0638**	< 1 U	< 1 U	< 1 U	< 3 U	**0.16**	< 0.05 U	**88.1**	**549**
	4/2/2007	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	**0.081**	**0.081**	--	--	--	--	--	--	--	--
	4/5/2007	N		--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**99**	--
	4/21/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0174**	**0.0174**	< 1 U	< 1 U	< 1 U	< 3 U	**0.18**	< 0.05 U	**81.8**	**517**
	4/1/2009	N		--	**0.02**	--	< 0.015 U	--	< 0.02 U	--	**0.2**	**0.005**	**0.005**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**100**	**509**
	3/11/2010	N		--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.253**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.071**	< 0.05 U	**65.1**	**496**
	5/22/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0674**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**97.4**	**576**
	5/21/2013	N		**0.0117 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00514 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**88.5**	**503**
	5/28/2014	N		**0.0193 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**90.8**	**562**
	5/22/2015	N		**0.00861 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	**0.00362 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**81.7**	**453**
	5/13/2016	N		**0.0158**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**81.8**	**249**
	5/13/2016	FD		**0.021**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**83.2**	**581**
	5/5/2017	N		**0.0163**	--	< 0.004 U	--	< 0.01 U	--	**0.0741**	--	**0.0559**	--	--	--	--	--	--	--	**85.4**	**528**
MW012M	2/4/2002	N		--	--	**1.01**	--	**0.71**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**550**	**2,200**
	6/10/2003	N		--	< 0.05 U	**1.73**	**1.81**	**1.57**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**720**	--
	6/10/2003	FD		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**830 460**	--
	7/2/2003	N		--	< 0.05 U	**1.82**	**1.81**	**1.75**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**720**	--
	7/7/2003	N		--	< 0.05 U	**1.3**	**1.29**	**1.23**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**610**	--
	7/14/2003	N		--	< 0.05 U	**1.51**	**1.52**	**1.4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**630**	--
	7/30/2003	N		--	< 0.05 U	**1.55**	**1.55**	**1.1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**710**	--
	8/20/2003	N		--	< 0.05 U	**2.61**	**3.12**	**1.8**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**770**	--
	9/30/2003	N		--	< 0.05 U	**1.25**	**1.37**	**1.4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**600**	--
	10/28/2003	N		--	< 0.05 U	**1.48**	**1.48**	**1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**600**	--
	12/9/2003	N		--	< 0.05 U	**1.54**	**1.59**	**0.61**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**620**	--

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Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW012M	1/7/2004	N		--	< 0.05 U	1.12	1.15	0.6	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	600	2,690
	2/19/2004	N		--	< 0.05 U	1.67	1.66	0.76	--	0.2	1.6	< 0.05 U	< 0.05 U	--	--	--	--	--	--	730	--
	4/6/2004	N		--	< 0.01 U	1.73	1.68	0.8	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	720	--
	5/6/2004	N		--	< 0.01 U	1.55	1.54	0.7	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	750	--
	6/8/2004	N		--	< 0.01 U	1.25	1.37	1.4	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	700	--
	7/14/2004	N		--	0.02	0.6	0.69	0.28	--	< 0.1 U	0.3	0.54	0.58	--	--	--	--	--	--	600	--
	8/12/2004	N		--	0.07	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	0.2	4.48	4.61	--	--	--	--	--	--	600	--
	9/9/2004	N		--	0.11	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	0.1	< 0.05 U	< 0.05 U	--	--	--	--	--	--	620	--
	10/6/2004	N		--	0.08	< 0.05 U	0.07	< 0.005 U	--	0.4	0.3	1.8	2.37	--	--	--	--	--	--	540	--
	11/10/2004	N		--	0.06	0.03	0.04	< 0.005 U	--	< 0.4 U	< 0.4 U	2.2	2.82	--	--	--	--	--	--	550	2,420
	12/28/2004	N		--	0.03	0.03	0.04	0.006	--	< 0.4 U	< 0.4 U	1	1.36	--	--	--	--	--	--	630	1,940
	1/18/2005	N		--	0.04	0.03	0.03	< 0.005 U	--	< 0.4 U	< 0.4 U	0.91	1.01	--	--	--	--	--	--	520	1,780
	2/9/2005	N		--	< 0.01 U	0.03	0.02	< 0.005 U	--	< 0.4 U	5.33	0.75	0.65	--	--	--	--	--	--	490	1,880
	3/10/2005	N		--	0.05	0.02	0.02	< 0.005 U	--	< 0.4 U	< 0.4 U	0.57	0.61	--	--	--	--	--	--	440	1,870
	4/13/2005	N		--	0.03	0.02	0.02	< 0.005 U	--	< 0.4 U	< 0.4 U	0.56	0.61	--	--	--	--	--	--	410	1,860
	5/18/2005	N		--	0.02	0.02	0.02	< 0.005 U	--	< 0.4 U	< 0.4 U	0.55	0.54	--	--	--	--	--	--	450	1,750
	6/14/2005	N		--	0.02	0.01	0.02	< 0.005 U	--	< 0.4 U	< 0.4 U	0.53	0.67	--	--	--	--	--	--	450	1,850
	7/12/2005	N		--	0.01	0.01	0.03	< 0.005 U	--	< 0.4 U	< 0.4 U	0.54	0.59	--	--	--	--	--	--	440	2,050
	2/13/2006	N		--	0.0393	--	0.255	--	< 2 U	--	271	50.2	50.2	< 50 U	< 50 U	< 50 U	< 150 U	< 60 U	< 450 U	833	12,800
	7/20/2006	N		--	0.0497	--	0.259	--	< 0.02 U	--	514	72.5	72.5	< 50 U	< 50 U	< 50 U	< 150 U	< 950 U	4.9	906	17,100
	4/5/2007	N		--	0.1	--	0.287	--	< 2 U	--	1130	92.6	92.6	< 5 U	< 5 U	< 5 U	< 15 U	140	0.64	871	--
	4/17/2008	N		--	0.139	--	0.124	--	< 2 U	--	899	44.4	44.4	< 20 U	< 20 U	< 20 U	< 60 U	2.89	3.9	781	18,000
	4/1/2009	N		--	0.137	--	0.0782	--	< 0.02 U	--	91.8	2.06	2.06	< 5 U	< 5 U	< 5 U	< 15 U	170	3.1	691	8,270
	3/11/2010	N		--	< 0.05 U	--	< 0.050 U	--	0.131	--	1.23	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	3.86	1.02	279	4,420
	5/22/2012	N		0.0784	--	0.0456	--	--	0.284	8.52	--	0.0954	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	861	5,830
	5/21/2013	N		0.087	--	0.0444	--	--	< 0.100 U	10.1	--	0.142	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	744	4,900
	5/28/2014	N		0.088	--	0.0429	--	< 0.100 U	--	9.14	--	0.119	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	779	5,220
	5/26/2015	N		0.108	--	0.0416	--	< 0.200 U	--	5.35	--	0.0615	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	757	4,480
	5/13/2016	N		0.109	--	0.0413	--	< 0.0548 U	--	--	--	--	--	--	--	--	--	--	--	765	3,360
	5/5/2017	N		0.105	--	0.0411	--	< 0.01 U	--	7.82	--	0.0876	--	--	--	--	--	--	--	752	3,690
	4/4/2018	Reg		--	0.0815	--	0.0351	--	< 0.0100 U	4.76	--	--	0.052	--	--	--	--	--	--	800	3,140
MW013	12/4/1997	N		< 0.10 U	--	0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	1,100	4,000
	1/19/1999	N		< 0.10 U	--	0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	1,100	4,000
	11/18/1999	N		--	--	0.09	--	--	--	--	--	--	--	--	--	--	--	--	--	1,200	4,500
	5/23/2001	N		--	< 0.05 U	--	0.31 0.26	--	0.3 0.2	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	1,700	4,810
	8/27/2001	N		--	--	0.23 0.24	0.22 0.22	< 0.5 U 0.6	< 0.5 U < 0.5 U	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	1/29/2002	N		--	--	0.28	--	0.16	--	< 0.1 U	0.1	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,220	4,360
	9/17/2002	N		--	--	0.41	--	0.33	--	--	--	--	--	--	--	--	--	--	--	930	--
	12/19/2002	N		--	--	--	--	0.35	--	--	--	--	--	--	--	--	--	--	--	970	--
	3/18/2003	N		--	--	--	--	0.42	--	--	--	--	--	--	--	--	--	--	--	980	--
	6/3/2003	N		--	--	--	--	1	--	--	--	--	--	--	--	--	--	--	--	960	--
	1/19/2004	N		--	--	0.21	--	0.19	--	--	--	--	--	--	--	--	--	--	--	790	--
	6/30/2004	N		--	--	1.04	--	0.69	--	--	--	--	--	--	--	--	--	--	--	980	--
	1/10/2005	N		--	--	0.97	--	1	--	--	--	--	--	--	--	--	--	--	--	400	--
	6/3/2005	N		--	--	0.8	--	--	--	--	--	--	--	--	--	--	--	--	--	890	--
	1/26/2006	N		--	< 0.02 U	--	0.733	--	0.68	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	935	3,730
	7/5/2006	N		--	< 0.02 U	--	0.638	--	0.61	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	946	3,720
	4/18/2007	N		--	< 0.02 U	--	0.741	--	0.58	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	925	--
	9/20/2007	N		--	< 0.02 U	--	0.673	--	0.62	--	0.399	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	784	--
	4/15/2008	N		--	< 0.02 U	--	0.197	--	0.088	--	< 0.2 U	< 0.005 U	< 0.005 U	1.8	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	616	1,990
	8/21/2008	N		--	< 0.02 U	--	0.604	--	0.3	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	1.1	< 3 U	< 0.096 U	< 0.05 U	819	3,480
	4/1/2009	N		--	< 0.02 U	--	0.855	--	0.82	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	1.1	< 3 U	< 0.096 U	< 0.05 U	771	3,390
	8/10/2009	N		--	< 0.02 U	--	0.83	--	0.84	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	0.1	< 0.05 U	760	3,360
	3/9/2010	N		--	< 0.05 U	--	0.968	--	1.17	--	0.065	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	0.333	< 0.05 U	717	3,300
	8/9/2010	N		--	< 0.01 U	--	0.915	--	0.119	--	0.165	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	0.108	< 0.05 U	746	3,210
	5/17/2012	N		< 0.0100 UJ	--	0.229	--	--	0.188	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	321 J	2,100
	5/17/2012	FD		< 0.0100 UJ	--	0.232	--	--	0.219	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	329 J	2,160
	11/1/2012	N		--	< 0.0100 U	--	0.217	--	0.191	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	272	1,790
	11/1/2012	FD		--	< 0.0100 U	--	0.181	--	0.227	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	278	1,830
	5/17/2013	N		0.00930 J	--	0.275	--	--	0.274	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	301	1,730

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	11/4/2013	N	< 0.0200 U	--	**1.76**	--	--	**1.78**	< 0.200 U	--	< 0.0200 U	--	**4.05**	**4.59**	**1.84**	**1.82**	--	--	**650**	**3,230**
	5/7/2014	N	< 0.0200 U	--	**0.991**	--	**0.918**	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**536**	**2,570**
	11/7/2014	N	< 0.0200 U	--	**0.224**	--	**0.192**	--	< 0.200 U	--	**0.00926 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**420**	**2460 J**
	5/26/2015	N	**0.00929 J**	--	**0.103**	--	**0.0732**	--	< 0.200 U	--	**0.00471 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**377**	**1,900**
	11/6/2015	N	< 0.0200 U	--	**0.453**	--	**0.444**	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**585**	**2,490**
MW013	11/6/2015	FD	< 0.0200 UJ	--	**0.45**	--	**0.543**	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**605**	**2,530**
	5/16/2016	N	**0.0583**	--	**0.943**	--	**1.28**	--	--	--	--	--	--	--	--	--	--	--	**936**	**2,820**
	9/20/2016	N	< 0.00336 U	--	**1.17**	--	**1.11**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**762**	**3,220**
	5/9/2017	N	**0.00811**	--	**1.42**	--	**0.15**	--	**0.0226**	--	**0.00045 J**	--	--	--	--	--	--	--	**816**	**3,220**
	9/21/2017	N	**0.00734**	--	**1.25 J**	--	--	**1.25**	< 0.100 U	--	**0.00442**	--	--	--	--	--	--	--	**255**	**3,220**
	4/2/2018	Reg	--	**0.00798**	--	**1.75**	--	**1.88**	< 0.100 U	--	--	**0.000295 J**	--	--	--	--	--	--	**850**	**2,880**
	9/13/2018	Reg	**0.00757**	--	**1.76**	--	**1.84**	--	--	< 0.100 U	**0.000747 J**	--	--	--	--	--	--	--	**692**	**2,810**
	10/28/1997	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/29/1997	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**26**	**520**
	1/20/1999	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**57**	**530**
	5/22/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.021**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**100**	**600**
	1/28/2002	N	--	--	< 0.05 U	--	**0.028**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**130**	**760**
	9/5/2002	N	--	--	< 0.05 U	--	**0.037**	--	--	--	--	--	--	--	--	--	--	--	**90**	--
	3/12/2003	N	--	--	--	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	**82**	--
	5/28/2003	N	--	--	--	--	**0.019**	--	--	--	--	--	--	--	--	--	--	--	**70**	--
	1/19/2004	N	--	--	**0.75**	--	**0.5**	--	--	--	--	--	--	--	--	--	--	--	**690**	--
	7/7/2004	N	--	--	**0.6**	--	**0.54**	--	--	--	--	--	--	--	--	--	--	--	**700**	--
	7/7/2004	FD	--	--	**0.53**	--	**0.33**	--	--	--	--	--	--	--	--	--	--	--	**500**	--
	1/11/2005	N	--	--	**0.04**	--	**0.031**	--	--	--	--	--	--	--	--	--	--	--	**110**	--
	1/11/2005	FD	--	--	**0.05**	--	**0.043**	--	--	--	--	--	--	--	--	--	--	--	**110**	--
	6/3/2005	N	--	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	6/3/2005	FD	--	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	1/26/2006	N	--	< 0.02 U	--	**0.0492**	--	**0.039**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**111**	**647**
	7/5/2006	N	--	< 0.02 U	--	**0.0308**	--	**0.021**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**84**	**587**
	4/16/2007	N	--	**0.0204**	--	**0.0626**	--	**0.043**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**122**	--
	9/21/2007	N	--	**0.0259**	--	**0.0295**	--	**0.028**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**86**	--
MW013A	4/7/2008	N	--	**0.0223**	--	**0.0245**	--	**0.04 ***	--	< 0.2 U	< 0.005 U	< 0.005 U	**7.4**	**1.7**	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**87.5**	**589**
	8/21/2008	N	--	**0.02**	--	**0.0269**	--	**0.023**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**85.3**	**588**
	3/30/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.020 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.16**	< 0.05 U	**68**	**540**
	8/4/2009	N	--	**0.0243**	--	< 0.015 U	--	< 0.020 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**72.5**	**540**
	3/2/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.012**	--	**0.186**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.081**	< 0.05 U	**71.5**	**1,220**
	8/4/2010	N	--	**0.017**	--	< 0.05 U	--	**0.018**	--	< 0.1 U	< 0.050 U	< 0.050 U	**1.4**	< 2 U	< 1 U	< 1 U	**0.073**	< 0.05 U	**65**	**498**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**76.0 J**	**575**
	10/29/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**68.6**	**554**
	5/17/2013	N	**0.0303**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**67.6**	**460**
	11/4/2013	N	**0.0199 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	**2.75**	**2.14**	**1.09**	**9.1**	--	--	**59.6**	**512**
	11/4/2013	FD	**0.0201**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	**1.47**	**1.77 J**	**1.01**	**8.44**	--	--	**63.2**	**511**
	5/7/2014	N	**0.0247**	--	< 0.0100 UJ	--	**0.0220 J**	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**68.6**	**432**
	5/7/2014	FD	**0.021**	--	< 0.0100 UJ	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**66.3**	**575**
	11/7/2014	N	**0.0289**	--	**0.00295 J**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**65.2**	**598 J**
	5/26/2015	N	**0.0178 J**	--	**0.00299 J**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**62.1**	**440**
	5/26/2015	FD	**0.0113 J**	--	**0.00294 J**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**62.3**	**506**
	11/6/2015	N	< 0.0200 UJ	--	**0.00560 J**	--	**0.00560 J**	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**68.6**	**530**
	5/16/2016	N	**0.0261**	--	**0.00524 J**	--	**0.0069 J**	--	--	--	--	--	--	--	--	--	--	--	**93.5**	**609**
	9/20/2016	N	**0.0253**	--	**0.0063 J**	--	< 0.01 U	--	**0.00645 J**	--	**0.00166 J**	--	--	--	--	--	--	--	**88.8**	**539**
	9/20/2016	FD	**0.0224**	--	**0.00505 J**	--	< 0.01 U	--	< 0.00616 U	--	**0.00176 J**	--	--	--	--	--	--	--	**84.6**	**539**
	5/11/2017	N	**0.0195**	--	**0.00456**	--	**0.0032 J**	--	**0.00385 J**	--	**0.000398 J**	--	--	--	--	--	--	--	**84.5**	**506**
	5/19/1999	N	< 0.10 U	--	**1**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,700**	**4,400**
	11/18/1999	N	--	--	**0.92**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,000**	**4,600**
	5/24/2001	N	--	< 0.05 U	--	**0.78**	--	**0.71**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,800**	**4,890**
	8/27/2001	N	--	--	**0.51** **0.51**	**0.5** **0.5**	**1.1** **0.9**	**1** **0.9**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	1/30/2002	N	--	--	**0.46**	--	**0.3**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**2,100**	**4,430**
MW014	1/30/2002	FD	--	--	**0.47**	--	**0.33**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**800**	**4,540**
	9/17/2002	N	--	--	**0.63**	--	**0.52**	--	--	--	--	--	--	--	--	--	--	--	**1,600**	--
	1/2/2003	N	--	--	--	--	**0.2**	--	--	--	--	--	--	--	--	--	--	--	**1,900**	--
	3/18/2003	N	--	--	--	--	**0.38**	--	--	--	--	--	--	--	--	--	--	--	**1,800**	--

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Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW014	6/3/2003	N		--	--	--	--	0.446	--	--	--	--	--	--	--	--	--	--	--	1,800	--
	1/6/2004	N		--	--	0.48	--	0.19	--	--	--	--	--	--	--	--	--	--	--	1,700	--
	6/30/2004	N		--	--	0.44	--	0.16	--	--	--	--	--	--	--	--	--	--	--	1,800	--
	1/10/2005	N		--	--	0.37	--	0.29	--	--	--	--	--	--	--	--	--	--	--	1,890	--
	6/8/2005	N		--	--	0.32	--	--	--	--	--	--	--	--	--	--	--	--	--	1,790	--
	1/26/2006	N		--	< 0.02 U	--	0.325	--	0.29	--	< 0.2 U	0.0337	0.0337	< 1 U	< 1 U	< 1 U	< 3 U	0.6	< 0.6 U	2,070	4,460
	6/29/2006	N		--	< 0.02 U	--	0.273	--	0.25	--	< 0.2 U	0.037	0.037	< 1 U	1.1	1.4	< 3 U	1.2	< 0.05 U	1,880	4,560
	4/13/2007	N		--	< 0.02 U	--	0.242	--	0.23	--	< 0.2 U	0.037	0.037	< 1 U	< 1 U	< 1 U	< 3 U	0.98	< 0.05 U	1,720	--
	9/19/2007	N		--	< 0.02 U	--	--	--	--	--	< 0.289 U	0.0457	0.0457	--	--	--	--	--	--	--	--
	9/20/2007	N		--	--	--	0.235	--	0.18	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	1.1	< 0.05 U	1,630	--
	4/7/2008	N		--	0.0203	--	0.231	--	0.11 *	--	< 0.2 U	0.0488	0.0488	1.9	< 1 U	< 1 U	< 3 U	1.4	< 0.05 U	1,600	4,230
	3/30/2009	N		--	--	--	0.201	--	0.2	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	1.5	< 0.05 U	1,460	4,170
	4/1/2009	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	8/10/2009	N		--	0.0283	--	< 0.015 U	--	< 0.020 U	--	< 0.2 U	0.354	0.354	1.1	< 1 U	< 1 U	< 3 U	0.65	< 0.05 U	133	647
	3/9/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.10 U	--	0.135	0.629	0.629	< 1 U	< 1 U	< 1 U	< 1 U	2.14	< 0.05 U	1,350	3,750
	8/9/2010	N		--	0.034	--	< 0.05 U	--	0.027	--	< 0.1 U	0.385	0.385	< 1 U	< 2 U	< 1 U	< 1 U	2.57	< 0.05 U	1,230	3,650
	5/18/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.287	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,370	3,500
	10/29/2012	N		--	< 0.0100 U	--	0.0395	--	0.0275	--	< 0.200 U	0.186	0.186	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,670	4,410
	5/16/2013	N		0.0247	--	0.0245	--	--	0.0172	< 0.200 U	--	0.128	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,540	3,820
	11/5/2013	N		0.0209	--	0.0705	--	--	0.048	< 0.200 U	--	0.172	--	< 1.00 U	< 2.00 U	< 1.00 U	2.37	--	--	1,180	3,600
	5/7/2014	N		0.0231	--	0.0659	--	< 0.0500 U	--	0.0405 J	--	0.151	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,400	3,520
	11/5/2014	N		0.0183 J	--	0.00926 J	--	< 0.0100 U	--	< 0.200 U	--	0.12	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,890	3,900
	5/20/2015	N		0.0236	--	0.0281	--	0.0211	--	< 0.200 UJ	--	0.0891	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,910	4,580
	11/4/2015	N		0.0149 J	--	0.112	--	0.0884	--	0.0125 J	--	0.186	--	--	--	--	--	--	--	1,450	3,900
MW014A	11/4/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	97	510
	5/23/2001	N		--	< 0.05 U	--	< 0.05 U	--	0.006	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	80	520
	1/24/2002	N		--	--	< 0.05 U	--	0.008	--	--	0.06	< 0.05 U	< 0.05 U	--	--	--	--	--	--	50	540
	9/5/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	40	--
	12/19/2002	N		--	--	--	--	0.005	--	--	--	--	--	--	--	--	--	--	--	44	--
	3/10/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	46	--
	5/21/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	44	--
	12/29/2003	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	50	--
	6/17/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	50	--
	12/16/2004	N		--	--	< 0.01 U	--	0.005	--	--	--	--	--	--	--	--	--	--	--	70	--
	6/2/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	50	--
	1/23/2006	N		--	0.0261	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	45.8	512
	6/29/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	1	1.4	< 3 U	< 0.095 U	< 0.05 U	47.9	506
	3/21/2007	N		--	0.0236	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	45.6	--
	9/13/2007	N		--	0.0207	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	46.2	--
	3/24/2008	N		--	0.0256	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	47.9	523
	3/18/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.0065	0.0065	17	5.8	1.9	< 3 U	< 0.096 U	< 0.06 U	44.9	30
	8/20/2009	N		--	0.0214	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	45.6	507
	3/16/2010	N		--	< 0.05 U	--	< 0.050 U	--	0.011	--	0.056	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	38.3	828
	8/9/2010	N		--	0.02	--	< 0.050 U	--	0.021	--	0.106	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	0.052	< 0.05 U	40.2	458
	5/18/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	56.2	518
	10/29/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	50.4	624
	5/16/2013	N		0.0198 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	46	440
	11/5/2013	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	30.6	313
	5/7/2014	N		0.0254	--	< 0.0100 UJ	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	48.9	449
	11/5/2014	N		< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	0.101 J	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	11.6	129
	5/21/2015	N		< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	14.7	135
	11/4/2015	N		< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	0.0169 J	--	--	--	--	--	--	--	12.3	140
MW015	1/19/1999	N		< 0.10 U	--	0.07	--	--	--	--	--	--	--	--	--	--	--	--	--	1,400	3,000
	5/19/1999	N		--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/17/1999	N		--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	3,100	5,900
	5/17/2001	N		--	< 0.05 U	--	< 0.05 U	--	0.033	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	3,200	6,890
	1/22/2002	N		--	--	--	< 0.05 U	--	0.005	< 1 U	0.2	< 0.5 U	< 0.05 U	--	--	--	--	--	--	3,200	6,900
	9/4/2002	N		--	--	< 0.05 U	--	0.008	--	--	--	--	--	--	--	--	--	--	--	2,700	--
	12/11/2002	N		--	--	--	--	0.014	--	--	--	--	--	--	--	--	--	--	--	3,100	--
	3/11/2003	N		--	--	--	--	0.012	--	--	--	--	--	--	--	--	--	--	--	2,900	--
	5/29/2003	N		--	--	--	--	0.016	--	--	--	--	--	--	--	--	--	--	--	2,800	--
	12/30/2003	N		--	--	0.01	--	0.023	--	--	--	--	--	--	--	--	--	--	--	310	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	6/24/2004	N		--	--	**0.01**	--	**0.005**	--	--	--	--	--	--	--	--	--	--	--	**2,100**	--
	1/4/2005	N		--	--	**0.01**	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**2,800**	--
	6/3/2005	N		--	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,490**	--
MW015	1/25/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**2,720**	**6,450**
	6/29/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.2**	< 3 U	**0.11**	< 0.05 U	**2,900**	**7,100**
	3/22/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.13**	< 0.05 U	**2,570**	--
	9/19/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**2,380**	--
	3/24/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**2,230**	**5,310**
	8/6/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**2,380**	**4,730**
	3/19/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**2.9**	**1.2**	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,850**	**4,840**
	8/20/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**1,590**	**3,930**
	3/10/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.084**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.071**	< 0.05 U	**1,100**	**3,550**
	8/11/2010	N		--	< 0.01 U	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.076**	< 0.05 U	**824**	**3,480**
	5/17/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**777 J**	**2,620**
	10/29/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**576**	**2,070**
	5/16/2013	N		**0.0173 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**532**	**2,050**
	11/5/2013	N		**0.0120 J**	--	**0.00624 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**543**	**2,250**
	5/6/2014	N		< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**639**	**2,480**
	11/4/2014	N		**0.00581 J**	--	**0.00458 J**	--	< 0.0100 U	--	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**438**	**2,020**
	5/27/2015	N		< 0.0200 U	--	**0.000828 J**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**516**	**1,910**
	11/4/2015	N		**0.00450 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**476**	**1,920**
	5/13/2016	N		**0.0365**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**533**	**1,800**
	9/20/2016	N		**0.00419 J**	--	**0.00475 J**	--	< 0.01 U	--	< 0.00616 U	--	**0.00201 J**	--	--	--	--	--	--	--	**500**	**1,810**
	5/11/2017	N		**0.00558**	--	**0.00267 J**	--	< 0.01 U	--	**0.00384 J**	--	**0.000542 J**	--	--	--	--	--	--	--	**476**	**1,700**
	11/4/1997	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**230**	**650**
	1/19/1999	N		< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**140**	**630**
	5/17/2001	N		--	< 0.05 U	--	< 0.05 U	--	**0.006**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**270**	**780**
	1/22/2002	N		--	--	--	< 0.05 U	--	< 0.005 U	--	< 1 U	< 0.5 U	< 0.5 U	--	--	--	--	--	--	**390**	**1,020**
	9/4/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**350**	--
	12/11/2002	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	3/3/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**370**	--
	5/21/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**530**	--
	12/29/2003	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**970**	--
	6/17/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,130**	--
	12/20/2004	N		--	--	< 0.01 U	--	**0.006**	--	--	--	--	--	--	--	--	--	--	--	**960**	--
	6/2/2005	N		--	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,030**	--
	1/23/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,130**	**2,410**
	6/29/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**1.8**	**1.9**	< 3 U	< 0.095 U	< 0.05 U	**1,440**	**3,140**
	3/22/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,320**	--
	9/14/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,400**	--
	3/24/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.4**	< 3 U	< 0.096 U	< 0.05 U	**1,910**	**3,620**
	8/6/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**2,020**	**3,140**
MW015A	3/19/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**9.8**	**2.7**	**1.1**	< 3 U	< 0.096 U	< 0.05 U	**2,010**	**4,190**
	8/21/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**2,270**	--
	3/10/2010	N		--	< 0.05 U	--	< 0.05 U	--	**0.012**	--	**0.171**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.065**	< 0.05 U	**1,930**	**5,080**
	8/11/2010	N		--	< 0.01 U	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**1,610**	**5,540**
	5/17/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**2730 J**	**6,170**
	10/29/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**2,190**	**5,050**
	5/16/2013	N		**0.00913 J**	--	**0.00502 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00770 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,410**	**3,400**
	11/5/2013	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**205 J**	**1230 J**
	11/5/2013	FD		**0.0113 J**	--	**0.00470 J**	--	--	< 0.0100 U	**0.0203 J**	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	**2.18 J**	--	--	**1700 J**	**4020 J**
	5/6/2014	N		< 0.0200 U	--	**0.0113**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**3,410**	**10,500**
	11/10/2014	N		**0.00704 J**	--	**0.0109**	--	< 0.0100 U	--	< 0.200 U	--	**0.0143 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**892**	**2,550**
	5/27/2015	N		< 0.0200 U	--	**0.00931 J**	--	< 0.0100 U	--	< 0.200 U	--	**0.00968 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**996**	**2,580**
	11/4/2015	N		**0.00471 J**	--	**0.00231 J**	--	< 0.0100 U	--	**0.109 J**	--	**0.0312**	--	--	--	--	--	--	--	**378**	**1,080**
	5/13/2016	N		**0.042**	--	**0.0119**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**3,960**	**7,630**
	9/20/2016	N		**0.023**	--	**0.0335**	--	**0.0151**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**4,910**	**8,270**
	5/11/2017	N		**0.0105**	--	**0.0123**	--	**0.0112**	--	**0.0119 J**	--	**0.00376**	--	--	--	--	--	--	--	**3,800**	**6,250**
	9/22/2017	N		**0.00763**	--	**0.00192 J**	--	**0.0024 J**	--	**0.152**	--	**0.00417**	--	--	--	--	--	--	--	**361**	**1,940**
	4/2/2018	Reg		--	**0.00351**	--	**0.00546**	--	< 0.0100 U	**0.24**	--	--	**0.0428**	--	--	--	--	--	--	**5,570**	**8,370**
	4/2/2018	FD		--	**0.00222**	--	**0.0048**	--	< 0.0100 U	**0.214**	--	--	**0.0573**	--	--	--	--	--	--	**5,430**	**8,500**
	9/13/2018	Reg		**0.00882 J**	--	**0.00534 J**	--	< 0.0100 U	--	--	**0.164 J**	**0.0197**	--	--	--	--	--	--	--	**5,950**	**9,850**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW016A	1/7/1997	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**210**	**950**
	11/7/1997	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/17/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.006**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**230**	**900**
	1/22/2002	N	--	--	--	< 0.05 U	--	< 0.005 U	--	< 1 U	< 0.5 U	< 0.5 U	--	--	--	--	--	--	**240**	**1,040**
	9/4/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**130**	--
	12/12/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	3/4/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**240**	--
	5/21/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**300**	--
	12/29/2003	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**260**	--
	6/17/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**270**	--
	12/16/2004	N	--	--	< 0.01 U	--	**0.012**	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	6/2/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**260**	--
	1/20/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**255**	**916**
	6/29/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.3**	< 3 U	< 0.096 U	< 0.05 U	**267**	**934**
	3/22/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**260**	--
	9/13/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**269**	--
	3/19/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**5.3**	**14**	**5.1**	< 0.097 U	**0.07**	**289**	**976**
	8/7/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**352**	**1,030**
	3/17/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**7.6**	**3**	**1.2**	< 3 U	< 0.094 U	< 0.05 U	**368**	**1,090**
	8/21/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**509**	--
	3/10/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.074**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.050 U	< 0.050 U	**306**	**1,030**
	8/11/2010	N	--	**0.02**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.196**	< 0.050 U	**305**	**1,200**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**256 J**	**889**
	10/26/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**542**	**1,190**
	5/16/2013	N	**0.0153 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00528 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**250**	**909**
	11/5/2013	N	**0.00924 J**	--	**0.00397 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	**3.06**	< 2.00 U	< 1.00 U	**3.02**	--	--	**541**	**1,790**
	5/6/2014	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**590**	**1,820**
	11/13/2014	N	< 0.0200 U	--	**0.000983 J**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**262**	**1,010**
	5/27/2015	N	< 0.0200 U	--	< 0.0100 U	--	**0.00680 J**	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**272**	**966**
	11/12/2015	N	**0.00876 J**	--	**0.0407**	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**303**	**1,020**
	9/14/2018	Reg	**0.00914**	--	**0.00528**	--	< 0.0100 U	--	--	< 0.100 U	< 0.00200 U	--	--	--	--	--	--	--	**513**	**1,290**
MW017A	11/10/1997	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**120**	**570**
	5/17/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.007**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**80**	**540**
	1/23/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	< 0.05 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**67**	**520**
	9/4/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	12/12/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**49**	--
	3/4/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**54**	--
	5/21/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**56**	--
	12/30/2003	N	--	--	< 0.01 U	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	6/23/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	1/4/2005	N	--	--	< 0.01 U	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	6/3/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**70**	--
	1/24/2006	N	--	**0.0226**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**69.7**	**545**
	6/29/2006	N	--	**0.0206**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**1.2**	**1.4**	< 3 U	< 0.095 U	< 0.05 U	**87.8**	**567**
	3/21/2007	N	--	**0.0226**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.005 U	**83.7**	--
MW018	5/19/1999	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**420**	**1,300**
	11/17/1999	N	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**370**	**1,300**
	5/17/2001	N	--	< 0.05 U	--	< 0.05 U < 0.05 U	--	< 0.005 U < 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**330**	**1,280**
	1/23/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	< 0.05 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**360**	**1,410**
	9/4/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	12/12/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	3/4/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**180**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	12/30/2003	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**180**	--
	6/17/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**240**	--
	12/20/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**250**	--
	5/31/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**250**	--
	1/23/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**284**	**1,300**
	1/23/2006	FD	--	**0.021**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**288**	**1,380**
	6/29/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3**	**3.2**	< 3 U	**0.15**	< 0.05 U	**318**	**1,460**
	4/2/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**283**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	9/14/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**212**	--
	3/24/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**223**	**1,240**
	3/19/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**2.6**	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**181**	**1,390**
	8/19/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**200**	--
	3/10/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.103**	< 0.05 U	**183**	**1,290**
	8/10/2010	N	--	< 0.01 U	--	< 0.05 U	--	**0.02**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.102**	< 0.05 U	**249**	**1,300**
	5/21/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**221**	**1,430**
	10/26/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**260**	**1,180**
	5/13/2013	N	**0.0127 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**268**	**1,310**
	11/5/2013	N	< 0.0200 U	--	**0.00495 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	**3.27**	--	--	**1620**	**3,960**
	5/9/2014	N	**0.0150 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**220**	**1,220**
	11/4/2014	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**149**	**1,080**
MW018	5/7/2015	N	**0.0194 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**214**	**1,080**
	11/3/2015	N	**0.0132 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**143**	**979**
	5/13/2016	N	**0.0241**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**174**	**835**
	9/20/2016	N	**0.0068 J**	--	**0.00271 J**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**198**	**1,180**
	5/10/2017	N	**0.00994**	--	< 0.004 UB	--	< 0.01 U	--	**0.00457 J**	--	< 0.002 U	--	--	--	--	--	--	--	**210**	**1,120**
	9/21/2017	N	**0.0128**	--	< 0.00400 U	--	--	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	--	**241**	**1,290**
	4/2/2018	Reg	--	**0.00969**	--	< 0.00400 U	--	< 0.0100 U	< 0.100 U	--	--	**0.00133 J**	--	--	--	--	--	--	**660**	**1,900**
	4/2/2018	FD	--	**0.00933**	--	**0.000717 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.00151 J**	--	--	--	--	--	--	**601**	**2,020**
	9/13/2018	Reg	**0.00937 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.00220 J**	--	--	--	--	--	--	--	**528**	**2,210**
	11/7/1997	N	< 0.10 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**360**	**1,500**
	1/19/1999	N	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**390**	**1,400**
	5/17/2001	N	--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**330**	**1,300**
	1/23/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	< 0.05 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**280**	**1,260**
	9/4/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**240**	--
	12/16/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**260**	--
	3/4/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**250**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**250**	--
	12/30/2003	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**210**	--
	6/16/2004	N	--	--	< 0.05 U	--	**0.006**	--	--	--	--	--	--	--	--	--	--	--	**170**	--
	12/16/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	5/31/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**200**	--
MW018A	1/20/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**233**	**1,040**
	6/29/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**2.3**	**2.7**	< 3 U	< 0.095 U	< 0.05 U	**236**	**1,350**
	4/2/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**283**	--
	9/13/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**212**	--
	3/24/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**233**	**1,080**
	3/17/2009	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	**1,050**
	3/18/2009	N	--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	**7.9**	**2.9**	**1.3**	< 3 U	< 0.094 U	< 0.05 U	**219**	--
	8/21/2009	N	--	**0.0209**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**304**	--
	3/10/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.071**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.050 U	< 0.050 U	**154**	**968**
	8/10/2010	N	--	**0.015**	--	< 0.050 U	--	**0.012**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.062**	< 0.050 U	**140**	**858**
	5/21/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**219**	**1,180**
	10/26/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**222**	**997**
	5/13/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0218**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**22.9**	**219**
	11/10/1997	N	< 0.01 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**480**	**1,500**
	1/19/1999	N	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**520**	**1,500**
	1/19/1999	FD	< 0.01 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**500**	**1,500**
	5/17/2001	N	--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**490**	**1,450**
	1/23/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	< 0.05 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**420**	**1,340**
	9/5/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**330**	--
	12/2/2002	N	--	--	< 0.05 U	--	**0.013**	--	--	--	--	--	--	--	--	--	--	--	**360**	--
	3/11/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**350**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**380**	--
	12/30/2003	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**290**	--
	6/17/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**290**	--
	6/17/2004	FD	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**320**	--
MW019A	12/20/2004	N	--	--	< 0.01 U	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	**350**	--
	12/20/2004	FD	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	5/31/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	1/23/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**385**	**1,350**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	6/30/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**2.3**	**2.2**	< 3 U	< 0.094 U	< 0.05 U	**360**	**1,190**
	4/4/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.212**	**0.0083**	**0.0083**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**343**	--
	9/14/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.486**	**0.0186**	**0.0186**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**306**	--
	3/26/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**398**	**1,180**
	8/7/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**394**	**1,220**
	3/17/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**11**	**3.9**	**1.5**	< 3 U	< 0.096 U	< 0.05 U	**321**	**1,150**
	8/21/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**491**	--
	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	< 0.05 U	< 0.010 U	< 0.010 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**231**	**1,460**
	8/16/2010	N	--	**0.022**	--	< 0.050 U	--	< 0.01 U	--	< 0.10 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**257**	**1,190**
	5/21/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**354**	**1,190**
	10/26/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**335**	**1,170**
	5/13/2013	N	**0.0137 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**266**	**1,070**
	11/5/2013	N	**0.0156 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**295**	**1,240**
	5/6/2014	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**281**	**1,230**
	11/4/2014	N	< 0.0200 U	--	**0.000878 J**	--	< 0.0100 U	--	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**222**	**1,020**
MW019A	5/7/2015	N	**0.0134 J**	--	**0.00133 J**	--	< 0.0100 U	--	< 0.200 U	--	**0.00444 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**246**	**918**
	11/3/2015	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	**0.0235 J**	--	**0.0198 J**	--	--	--	--	--	--	--	**9.29**	**151**
	5/13/2016	N	**0.0251**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**314**	**887**
	9/20/2016	N	**0.00699 J**	--	**0.00216 J**	--	< 0.01 U	--	**0.00799 J**	--	< 0.000585 U	--	--	--	--	--	--	--	**325**	**1,320**
	5/10/2017	N	**0.0106**	--	**0.00182 J**	--	< 0.01 U	--	**0.0154 J**	--	**0.00169 J**	--	--	--	--	--	--	--	**327**	**1,300**
	9/21/2017	N	**0.0134**	--	**0.000637 J**	--	--	< 0.0100 U	< 0.100 U	--	**0.000387 J**	--	--	--	--	--	--	--	**262**	**1,250**
	4/2/2018	Reg	--	**0.0125**	--	**0.000668 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.00157 J**	--	--	--	--	--	--	**301**	**1,060**
	9/13/2018	Reg	**0.0116 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.0118**	--	--	--	--	--	--	--	**291**	**1,170**
	1/19/1999	N	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**570**	**1,680**
	11/17/1999	N	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**570**	**1,600**
	6/7/2001	N	--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**700**	**1,770**
	2/6/2002	N	--	--	< 0.05 U	--	--	**0.026**	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**450**	**1,720**
	9/9/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**600**	--
	12/9/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**610**	--
	3/6/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**610**	--
	6/5/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**710**	--
	1/22/2004	N	--	--	< 0.01 U	--	**0.016**	--	--	--	--	--	--	--	--	--	--	--	**800**	--
	6/23/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**760**	--
	1/3/2005	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**850**	--
	5/26/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**890**	--
	1/25/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**992**	**2,460**
	1/25/2006	FD	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,010**	**2,410**
	6/30/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**1.2**	**1.5**	< 3 U	**0.14**	< 0.05 U	**908**	**2,370**
	4/4/2007	N	--	**0.202**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**824**	--
MW020	9/18/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**826**	--
	3/26/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.862**	**0.0104**	**0.0104**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**887**	**1,820**
	8/6/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**785**	**1,940**
	3/19/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**4.9**	**2**	< 1 U	< 3 U	**0.15**	< 0.05 U	**817**	**2,190**
	8/21/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.2**	< 0.05 U	**1,180**	--
	3/12/2010	N	--	< 0.05 U	--	< 0.050 U	--	**0.012**	--	**0.095**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.134**	< 0.05 U	**727**	**2,540**
	8/10/2010	N	--	**0.019**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.199**	< 0.05 U	**826**	**2,640**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**894 J**	**2,580**
	10/26/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**917**	**2,050**
	5/13/2013	N	**0.0192 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**865**	**2,420**
	5/6/2014	N	< 0.0200 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**741**	**2,530**
	11/4/2014	N	< 0.0200 U	--	**0.00291 J**	--	< 0.0100 U	--	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**670**	**2,470**
	5/7/2015	N	**0.0155 J**	--	**0.00137 J**	--	< 0.0100 U	--	< 0.200 U	--	**0.00400 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**738**	**2,150**
	11/3/2015	N	**0.0107 J**	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**745**	**2,300**
	5/16/2016	N	**0.0298**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**915**	**2,600**
	9/20/2016	N	< 0.00336 U	--	**0.00617 J**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**730**	**2,080**
	5/11/2017	N	**0.0105**	--	**0.00371 J**	--	< 0.01 U	--	**0.0236**	--	**0.00101 J**	--	--	--	--	--	--	--	**733**	**2,180**
	1/19/1999	N	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**250**	**1000**
	6/7/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.012**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**390**	**1,330**
	2/6/2002	N	--	--	< 0.05 U	--	--	**0.014**	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**350**	**1,320**
	9/9/2002	N	--	--	< 0.05 U	--	**0.015**	--	--	--	--	--	--	--	--	--	--	--	**340**	--
	12/9/2002	N	--	--	< 0.05 U	--	**0.022**	--	--	--	--	--	--	--	--	--	--	--	**370**	--
	3/6/2003	N	--	--	--	--	**0.012**	--	--	--	--	--	--	--	--	--	--	--	**370**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW020A	6/5/2003	N		--	--	--	--	**0.008**	--	--	--	--	--	--	--	--	--	--	--	**430**	--
	1/22/2004	N		--	--	**0.02**	--	**0.005**	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	6/22/2004	N		--	--	**0.01**	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**200**	--
	1/3/2005	N		--	--	**0.02**	--	**0.019**	--	--	--	--	--	--	--	--	--	--	--	**480**	--
	5/31/2005	N		--	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	**430**	--
	1/24/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**521**	**1,510**
	6/30/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**579**	**1,550**
	4/4/2007	N		--	< 0.02 U	--	**0.0185**	--	< 0.02 U	--	**0.421**	**0.0068**	**0.0068**	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.05 U	**862**	--
	9/18/2007	N		--	< 0.02 U	--	< 0.015 U	--	**0.024**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**708**	--
	3/26/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.347**	**0.0058**	**0.0058**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**789**	**1,570**
	8/6/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**867**	**1,950**
	3/19/2009	N		--	< 0.02 U	--	**0.0173**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**5.6**	**2.2**	< 1 U	< 3 U	**0.15**	< 0.05 U	**1,060**	**2,600**
MW020A	8/21/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1,110**	--
	3/12/2010	N		--	< 0.05 U	--	< 0.050 U	--	**0.019**	--	**0.085**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.091**	< 0.05 U	**834**	**2,550**
	8/10/2010	N		--	**0.014**	--	< 0.050 U	--	**0.025**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.106**	< 0.05 U	**947**	**2,580**
	5/17/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**402 J**	**1,180**
	10/26/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,040**	**2,470**
	5/13/2013	N		**0.0109 J**	--	**0.00787 J**	--	--	< 0.0100 U	**0.0337 J**	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**958**	**2,320**
	11/4/2013	N		< 0.0200 U	--	**0.00735 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	**2.11**	--	--	**960**	**3,090**
	5/6/2014	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**951**	**3,140**
	11/4/2014	N		< 0.0200 U	--	**0.0173**	--	--	**0.00960 J**	< 0.200 UJ	--	**0.0150 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**441**	**1,680**
	5/7/2015	N		**0.0137 J**	--	**0.00825 J**	--	--	**0.00650 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**953**	**2,850**
	11/3/2015	N		**0.00913 J**	--	**0.00551 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**462**	**1,570**
	5/16/2016	N		**0.0308**	--	< 0.00136 U	--	**0.0065 J**	--	--	--	--	--	--	--	--	--	--	--	**1,310**	**2,720**
	9/20/2016	N		< 0.00336 U	--	**0.0103**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**1,030**	**2,800**
	5/11/2017	N		**0.00893**	--	**0.00723**	--	**0.0029 J**	--	**0.00408 J**	--	**0.000342 J**	--	--	--	--	--	--	--	**1,070**	**2,410**
	9/21/2017	N		**0.0108**	--	**0.00696 J**	--	--	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	--	**1,010**	**2,700**
	4/2/2018	Reg		--	**0.0101**	--	**0.00589**	--	< 0.0100 U	< 0.100 U	--	--	**0.00115 J**	--	--	--	--	--	--	**1,130**	**2,180**
	9/13/2018	Reg		**0.0112 J**	--	**0.00675 J**	--	< 0.0100 U	--	--	< 0.500 U	**0.00217 J**	--	--	--	--	--	--	--	**961**	**2,370**
MW021	1/18/1999	N		< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**740**	**2,700**
	11/17/1999	N		--	--	< 0.05 U	--	--	--	--	--	--	--	< 1 U < 5 U	< 1 U < 5 U	< 1 U < 5 U	< 1 U < 5 U	--	--	**780**	**3,100**
	5/18/2001	N		--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**660**	**2,630**
	1/23/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	< 0.1 U	**0.11**	**0.1**	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**250**	**2,420**
	9/5/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**370**	--
	12/11/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.5 U	< 0.05 U	**410**	--
	3/5/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**390**	--
	5/21/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.24 U	< 0.05 U	**480**	--
	1/21/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**180**	--
	6/22/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**160**	--
	12/21/2004	N		--	--	< 0.01 U	--	< 0.01 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.63**	< 0.05 U	**320**	--
	5/27/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	**3**	< 6 U	**0.4**	< 0.05 U	**290**	--
	1/24/2006	N		--	**0.0202**	--	< 0.015 U	--	< 0.02 U	--	**0.374**	**0.215**	**0.215**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**272**	**1,680**
	6/30/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.15**	**0.15**	< 1 U	< 1 U	< 1 U	< 3 U	**0.78**	< 0.05 U	**346**	**1,800**
	4/9/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.173**	**0.173**	< 1 U	< 1 U	< 1 U	< 3 U	**0.46**	< 0.05 U	**215**	--
	9/19/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.173**	**0.173**	< 1 U	< 1 U	< 1 U	< 3 U	**0.38**	< 0.05 U	**242**	--
	4/1/2008	N		--	**0.0276**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.231**	**0.231**	**17**	**3.9**	**1.5**	< 3 U	**0.57**	**0.054**	**234**	**1,540**
	8/7/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.198**	**0.198**	< 1 U	< 1 U	< 1 U	< 3 U	**0.51**	< 0.05 U	**197**	**1,530**
	3/24/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.396**	**0.396**	< 1 U	< 1 U	< 1 U	< 3 U	**0.52**	< 0.05 U	**216**	**1,460**
	8/6/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.172**	**0.172**	< 1 U	< 1 U	< 1 U	< 3 U	**0.67**	< 0.05 U	**193**	**1,490**
	3/2/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.102**	**0.291**	**0.291**	< 1 U	< 2 U	< 1 U	< 1 U	**0.206**	< 0.05 U	**148**	**1,900**
	8/16/2010	N		--	**0.026**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	**0.099**	**0.099**	< 1 U	< 2 U	< 1 U	< 1 U	**0.5**	< 0.05 U	**113**	**1,700**
	5/23/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.13**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**65.3**	**841**
	11/1/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**1.52**	**1.52**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**80.3**	**900**
	1/18/1999	N		< 0.10 U	--	**0.05**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**7,000**	**9,200**
	1/20/1999	N		--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/23/2001	N		--	< 0.05 U	--	< 0.05 U	--	**0.022**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**7,000**	**13,400**
	1/24/2002	N		--	--	< 0.05 U	--	**0.006**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**5,800**	**9,900**
	9/5/2002	N		--	--	< 0.05 U	--	**0.012**	--	--	--	--	--	--	--	--	--	--	--	**4,900**	--
	12/11/2002	N		--	--	< 0.05 U	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	**5,800**	--
	3/11/2003	N		--	--	--	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**5,300**	--
	5/21/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**5,900**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW021A	1/21/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	3,800	--
	6/22/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	3,400	--
	12/21/2004	N	--	--	**0.04**	--	**0.022**	--	--	--	--	--	--	--	--	--	--	--	400	--
	6/6/2005	N	--	--	**0.03**	--	--	--	--	--	--	--	--	--	--	--	--	--	7,600	--
	1/24/2006	N	--	< 0.02 U	--	**0.0307**	--	**0.026**	--	< 0.2 U	**0.0103**	**0.0103**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	6,110	12,300
	6/30/2006	N	--	< 0.02 U	--	**0.0326**	--	**0.033**	--	< 0.2 U	**0.0077**	**0.0077**	< 1 U	< 1 U	< 1 U	< 3 U	**0.4**	< 0.05 U	7,720	14,000
	4/9/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.020 U	--	< 0.2 U	**0.0112**	**0.0112**	< 1 U	< 1 U	< 1 U	< 3 U	**1.2**	< 0.05 U	3,350	--
	9/19/2007	N	--	< 0.02 U	--	**0.0261**	--	**0.027**	--	< 0.2 U	**0.0139**	**0.0139**	< 1 U	< 1 U	< 1 U	< 3 U	**0.56**	< 0.05 U	6,180	--
	4/1/2008	N	--	< 0.02 U	--	**0.0365**	--	**0.023**	--	< 0.2 U	**0.0158**	**0.0158**	**31**	**5.7**	**1.7**	< 3 U	**0.7**	**0.091**	6,440	11,900
	3/24/2009	N	--	< 0.02 U	--	**0.0264**	--	< 0.020 U	--	< 0.2 U	**0.0152**	**0.0152**	< 1 U	< 1 U	< 1 U	< 3 U	**0.56**	< 0.05 U	6,370	11,300
	8/6/2009	N	--	< 0.02 U	--	**0.0318**	--	**0.031**	--	< 0.2 U	**0.0114**	**0.0114**	< 1 U	< 1 U	< 1 U	< 3 U	**0.81**	**0.054**	6,020	13,300
	3/2/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.03**	--	**0.197**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.488**	< 0.05 U	7,720	19,100
	8/16/2010	N	--	**0.034**	--	< 0.05 U	--	**0.023**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.67**	< 0.05 U	5,030	10,900
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	3000 J	7,000
MW021A	11/8/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.705**	**0.705**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**74.8**	1,040
	11/1/2013	N	**0.0107 J**	--	**0.00442 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	2,760	6,560
	5/16/2014	N	**0.0195 J**	--	**0.0115**	--	--	< 0.0100 U	< 0.200 U	--	**0.0122 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	740	9,270
	11/13/2014	N	**0.0139 J**	--	**0.00655 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	2,280	5,570
	5/11/2015	N	< 0.0200 U	--	**0.00279 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	2,580	5,690
	11/12/2015	N	< 0.0200 U	--	**0.00249 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	2,570	5,550
	5/19/2016	N	**0.0259**	--	**0.01 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	2,130	5,670
	9/20/2016	N	**0.0217**	--	**0.0349**	--	< 0.01 U	--	**0.0456 J**	--	**0.0179 J**	--	--	--	--	--	--	--	2,520	6,220
	5/10/2017	N	**0.00938**	--	**0.00422**	--	< 0.01 U	--	**0.0123 J**	--	**0.0724**	--	--	--	--	--	--	--	2,530	5,210
	9/22/2017	N	**0.0117**	--	**0.00429**	--	< 0.01 U	--	< 0.1 U	--	**0.0106**	--	--	--	--	--	--	--	2,210	5,830
	4/3/2018	Reg	--	**0.0106**	--	**0.00392 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.0159 J**	--	--	--	--	--	--	2,640	4,240
	9/12/2018	REG	**0.0106**	--	**0.00352 J**	--	< 0.0100 U	--	--	< 0.100 U	**0.0108**	--	--	--	--	--	--	--	2,330	5,170
MW022A	1/18/1999	N	< 0.10 U	--	**0.13**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/21/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	350	1,200
	5/23/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.027**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	930	2,200
	1/24/2002	N	--	--	< 0.05 U	--	**0.03**	--	**3.3**	**4.1**	**0.13**	**0.17**	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	490	1,590
	9/5/2002	N	--	--	< 0.05 U	--	**0.053**	--	--	--	--	--	--	--	--	--	--	--	400	--
	12/16/2002	N	--	--	--	--	**0.03**	--	--	--	--	--	--	--	--	--	--	--	530	--
	3/12/2003	N	--	--	--	--	**0.036**	--	--	--	--	--	--	--	--	--	--	--	560	--
	5/29/2003	N	--	--	--	--	**0.027**	--	--	--	--	--	--	--	--	--	--	--	510	--
	1/22/2004	N	--	--	**0.04**	--	**0.013**	--	--	--	--	--	--	--	--	--	--	--	490	--
	6/23/2004	N	--	--	**0.03**	--	**0.033**	--	--	--	--	--	--	--	--	--	--	--	440	--
	1/6/2005	N	--	--	**0.04**	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	460	--
	6/3/2005	N	--	--	**0.09**	--	--	--	--	--	--	--	--	--	--	--	--	--	510	--
	1/24/2006	N	--	< 0.02 U	--	**0.0217**	--	< 0.02 U	--	< 0.2 U	**0.0058**	**0.0058**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**70.5**	**439**
	7/6/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**65.2**	**212**
	3/30/2007	N	--	< 0.02 U	--	**0.0181**	--	< 0.02 U	--	**0.28**	**0.0112**	**0.0112**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**69**	--
	9/14/2007	N	--	< 0.02 U	--	**0.0211**	--	< 0.02 U	--	**0.508**	**0.0219**	**0.0219**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**61.3**	--
	4/2/2008	N	--	< 0.02 U	--	**0.0305**	--	< 0.02 U	--	**0.607**	**0.0216**	**0.0216**	**24**	**4.9**	**1.5**	< 3 U	< 0.095 U	**0.068**	**67.9**	**449**
	8/13/2008	N	--	< 0.02 U	--	**0.0306**	--	**0.026**	--	< 0.2 U	**0.0143**	**0.0143**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**75.3**	**437**
	3/18/2009	N	--	< 0.02 U	--	**0.0275**	--	**0.022**	--	< 0.2 U	**0.0059**	**0.0059**	**3.6**	**1.6**	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**61**	**445**
	8/25/2009	N	--	--	--	**0.0315**	--	**0.026**	--	--	--	--	< 1 U	< 1 U	**2.6**	< 3 U	< 0.096 U	< 0.05 U	**68.7**	--
	3/11/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.048**	--	**0.071**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**44**	**336**
	8/18/2010	N	--	**0.013**	--	< 0.05 U	--	**0.06**	--	< 0.1 U	< 0.05 U	< 0.05 U	**1.4**	**2.7**	< 1 U	< 1 U	**0.255**	< 0.05 U	**41.2**	**478**
	5/23/2012	N	< 0.0100 UJ	--	**0.0408**	--	--	**0.0356**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**62.9**	**428**
	11/9/2012	N	--	< 0.0100 U	--	**0.073**	--	**0.058**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**62.9**	**376**
	5/21/2013	N	< 0.0200 U	--	**0.0389**	--	--	**0.0348**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**59.6**	**412**
	5/23/1999	N	--	--	**2**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1999	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	910	3,500
	11/18/1999	N	--	--	**2.56**	--	--	--	--	--	--	--	--	--	--	--	--	--	1,100	4,100
	1/7/2000	N	--	--	**2.8**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/2001	N	--	< 0.05 U	--	**2.76** **2.55**	--	**< 0.005 U** **0.015**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	1,100	4,390
	5/29/2001	FD	--	< 0.05 U	--	**2.73**	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	1,100	4,420
	8/30/2001	N	--	--	**2.5** **2.39**	**2.29** **2.3**	**1.5** **1.8**	**2.5** **2**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	9/27/2001	N	--	--	**2.52**	--	**1.9**	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/7/2002	N	--	--	**2.96**	--	**1.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,300	4,300

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW023	9/17/2002	FD		--	--	**0.43**	--	**0.21**	--	--	--	--	--	--	--	--	--	--	--	**690**	--
	9/18/2002	N		--	--	**2.41**	--	**1.3**	--	--	--	--	--	--	--	--	--	--	--	**1,150**	--
	12/16/2002	N		--	--	--	--	**1.9**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	12/16/2002	FD		--	--	--	--	**2**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	3/26/2003	N		--	--	--	--	**1.4**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	3/26/2003	FD		--	--	--	--	**1.4**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	5/28/2003	N		--	--	--	--	**2**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	5/28/2003	FD		--	--	--	--	**1.99**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	1/21/2004	N		--	--	**1.57**	--	**0.8**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,240**	--
	1/21/2004	FD		--	--	**1.53**	--	**0.6**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.26 U	< 0.05 U	**1,240**	--
	7/7/2004	N		--	--	**0.99**	--	**0.58**	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--
	1/12/2005	N		--	--	**1.21**	--	**0.7**	--	--	--	--	--	--	--	--	--	--	--	**1,290**	--
	6/1/2005	N		--	--	**0.72**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,210**	--
	1/26/2006	N		--	< 0.02 U	--	**0.459**	--	**0.43**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,290**	**4,070**
	6/26/2006	N		--	< 0.02 U	--	**0.549**	--	**0.55**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**1,180**	**3,780**
	4/18/2007	N		--	< 0.02 U	--	**1.33**	--	**1.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**965**	--
	9/21/2007	N		--	**0.0212**	--	**1.65**	--	**1.6**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**975**	--
	4/9/2008	N		--	< 0.02 U	--	**1.66**	--	**1.7**	--	< 0.2 U	< 0.005 U	< 0.005 U	**4.8**	**1.2**	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**862**	**3,660**
	8/21/2008	N		--	< 0.02 U	--	**1.62**	--	**1.7**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**879**	**3,920**
	3/31/2009	N		--	< 0.02 U	--	**1.69**	--	**1.7**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**949**	**3,940**
	8/12/2009	N		--	**0.0218**	--	**1.69**	--	**1.6**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**771**	**3,890**
	3/9/2010	N		--	< 0.05 U	--	**1.62**	--	**1.87**	--	**0.067**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.117**	< 0.05 U	**787**	**3,660**
	8/6/2010	N		--	< 0.01 U	--	**1.44**	--	< 0.10 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.052 U	< 0.05 U	**760**	**3,640**
	5/24/2012	N		< 0.0100 U	--	**1.86**	--	--	**1.96**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**810**	**3,720**
	11/6/2012	N		--	< 0.0100 U	--	**1.41**	--	**1.33**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**802**	**3,650**
	5/21/2013	N		< 0.0200 U	--	**1.11**	--	--	**0.958**	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**767**	**3,500**
	10/31/2013	N		**0.0198 J**	--	**1.37**	--	--	**1.42 J**	< 0.200 U	--	**0.0266**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**762**	**3,680**
	5/8/2014	N		**0.0165 J**	--	**1.6**	--	--	**1.55**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**812**	**3,440**
	11/7/2014	N		**0.0223**	--	**1.14**	--	--	**0.968**	< 0.200 U	--	**0.0291**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**776**	**3850 J**
	5/27/2015	N		**0.0153 J**	--	**0.00318 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**43**	**493**
	11/9/2015	N		< 0.0200 U	--	**1.01**	--	--	**0.955**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**766**	**3,470**
	5/20/2016	N		**0.00922 J**	--	**1.18**	--	**1.28**	--	--	--	--	--	--	--	--	--	--	--	**672**	**4,120**
	5/20/2016	FD		**0.00928 J**	--	**1.27**	--	**1.58**	--	--	--	--	--	--	--	--	--	--	--	**665**	**4,090**
	9/21/2016	N		< 0.00336 U	--	**1.03**	--	**1.36**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**790**	**3,680**
	5/11/2017	N		**0.00749**	--	**1.09**	--	**1.05**	--	**0.00308 J**	--	**0.000372 J**	--	--	--	--	--	--	--	**798**	**3,180**
	9/21/2017	N		**0.01**	--	**1.32 J**	--	--	**1.09**	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	--	**739**	**3,540**
	3/29/2018	Reg		--	**0.00928**	--	**1.42**	--	**1.31**	< 0.1	--	--	**0.000486 J**	--	--	--	--	--	--	**747**	**2,800**
	9/13/2018	Reg		**0.00933**	--	**1.72**	--	**1.43**	--	--	< 0.100 U	< 0.00200 U	--	--	--	--	--	--	--	**785**	**3,160**
MW023A	1/9/2003	N		--	< 0.05 U	< 0.05 U	--	**0.006**	--	--	--	--	--	< 2 U	**9**	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**52**	**500**
	3/11/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**52**	--
	5/28/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**27**	--
	1/15/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	6/16/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	12/14/2004	N		--	--	< 0.01 U	--	**0.005**	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	6/2/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	1/20/2006	N		--	**0.0246**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**50.1**	**516**
	1/20/2006	FD		--	**0.0251**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**50.5**	**520**
	6/26/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**48.5**	**506**
	3/29/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**48.4**	--
	9/11/2007	N		--	**0.0287**	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/12/2007	N		--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**46.2**	--
	3/25/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**52.2**	**524**
	8/12/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0073**	**0.0073**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**52.3**	**502**
	3/18/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**31**	**7.3**	**2**	< 3 U	**0.099**	**0.094**	**46.6**	**520**
	8/20/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**50.6**	**526**
	3/17/2010	N		--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.09**	< 0.05 U	**45.4**	**552**
	8/16/2010	N		--	**0.028**	--	< 0.050 U	--	**0.018**	--	< 0.10 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**37.5**	**546**
	5/24/2012	N		< 0.0100 U	--	**0.0206**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**46.7**	**595**
	10/30/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**46.9**	**525**
	5/20/2013	N		**0.0189 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**45.1**	**473**
	5/20/2013	FD		**0.0188 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**46.5**	**494**
	10/31/2013	N		**0.0169 J**	--	**0.00591 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00877 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**45.7**	**1,980**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/8/2014	N	**0.0175 J**	--	**0.00352 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00892 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**54.2**	**486 J**
	11/7/2014	N	**0.00758 J**	--	**0.00472 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**50.4**	**688 J**
	5/27/2015	N	**0.0106 J**	--	**1.98**	--	--	**2.02**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**823**	**3,920**
	5/27/2015	FD	**0.00728 J**	--	**1.83**	--	--	**2.13**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**789**	**4,060**
	11/9/2015	N	**0.0265**	--	**0.00631 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**48.8**	**553**
	5/20/2016	N	**0.022**	--	**0.00527 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**30.8**	**542**
	9/21/2016	N	**0.0112**	--	**0.00143 J**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**50.8**	**505**
	5/11/2017	N	**0.0189**	--	**0.00535**	--	< 0.01 U	--	**0.00417 J**	--	**0.000257 J**	--	--	--	--	--	--	--	**49.9**	**594**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW024	1/9/2003	N		--	< 0.05 U	< 0.05 U	--	**0.015**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**360**	**1,290**
	3/12/2003	N		--	--	--	--	**0.033**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**350**	--
	5/28/2003	N		--	--	--	--	**0.017**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.24 U	< 0.05 U	**340**	--
	1/15/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.24 U	< 0.05 U	**500**	--
	6/22/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**620**	--
	12/28/2004	N		--	--	**0.03**	--	**0.016**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**450**	--
	6/2/2005	N		--	--	**0.12**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**330**	--
	6/2/2005	FD		--	--	**0.03**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**340**	--
	7/18/2005	N		--	--	**0.07**	--	--	--	< 0.4 U	--	< 0.01 U	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.5 U	**15**	**380**	--
	1/24/2006	N		--	< 0.02 U	--	**0.184**	--	**0.18**	--	< 0.2 U	**0.0266**	**0.0266**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**636**	**1,550**
	6/27/2006	N		--	< 0.02 U	--	**0.125**	--	**0.1**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.8**	**4.7**	**3.9**	< 0.096 U	< 0.05 U	**613**	**1,610**
	4/11/2007	N		--	< 0.02 U	--	**0.0289**	--	**0.027**	--	< 0.2 U	**0.0682**	**0.0682**	< 1 U	< 1 U	< 1 U	< 3 U	**0.14**	< 0.05 U	**577**	--
	9/14/2007	N		--	--	--	**0.0443**	--	**0.043**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	**0.27**	< 0.05 U	**560**	--
	9/19/2007	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	**0.0144**	**0.0144**	--	--	--	--	--	--	--	--
	4/7/2008	N		--	< 0.02 U	--	**0.0399**	--	**0.046 ***	--	< 0.2 U	**0.0267**	**0.0267**	**1.9**	< 1 U	< 1 U	< 3 U	**0.4**	< 0.05 U	**590**	**2,180**
	8/13/2008	N		--	< 0.02 U	--	**0.0547**	--	**0.026**	--	< 0.2 U	**0.0114**	**0.0114**	**3.6**	**4.3**	**9.9**	< 3 U	**0.13**	< 0.05 U	**653**	**1,780**
	3/25/2009	N		--	< 0.02 U	--	**0.0462**	--	**0.041**	--	< 0.2 U	**0.007**	**0.007**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**717**	**1,800**
	8/19/2009	N		--	< 0.02 U	--	**0.0454**	--	**0.037**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.18**	< 0.05 U	**719**	--
	3/3/2010	N		--	< 0.05 U	--	< 0.05 U	--	**0.035**	--	**0.091**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.17**	< 0.05 U	**456**	**1,870**
	8/6/2010	N		--	**0.013**	--	< 0.05 U	--	**0.061**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.242**	< 0.05 U	**590**	**1,800**
	5/22/2012	N		< 0.0100 U	--	**0.0479**	--	--	**0.048**	< 0.200 U	--	**0.108**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**634**	**2,580**
	11/1/2012	N		--	< 0.0100 U	--	**0.0509**	--	**0.0508**	--	< 0.200 U	**0.0343**	**0.0343**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**646**	**1,810**
	5/14/2013	N		< 0.0200 U	--	**0.0633**	--	--	**0.0517**	< 0.200 U	--	**0.00329 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**674**	**1,940**
	10/30/2013	N		**0.0133 J**	--	**0.0699**	--	--	**0.0658**	< 0.200 U	--	**0.0255**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**631**	**2,730**
	5/8/2014	N		**0.00859 J**	--	**0.0843**	--	--	**0.0842**	< 0.200 U	--	**0.00454 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**736**	**2480 J**
	11/6/2014	N		**0.00744 J**	--	**0.123**	--	--	**0.105**	< 0.200 UJ	--	**0.0132 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**625**	**2,530**
	5/28/2015	N		**0.00727 J**	--	**0.114**	--	--	**0.112**	< 0.200 U	--	**0.00625 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**703**	**2,450**
	11/5/2015	N		< 0.0200 UJ	--	**0.143**	--	--	**0.124**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	< 1.40 U	**734**	**2,260**
	5/16/2016	N		**0.0341**	--	**0.136**	--	**0.138**	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**972**	**1,790**
	9/21/2016	N		< 0.00336 U	--	**0.184**	--	**0.165**	--	< 0.00616 U	--	**0.0019 J**	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	--	--	**824**	**2,890**
	5/11/2017	N		**0.00875**	--	**0.128**	--	**0.13**	--	**0.00318 J**	--	**0.00809**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**875**	**1,720**
MW024A	5/23/1999	N		--	--	**0.03**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/23/1999	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**140**	**680**
	5/23/2001	N		--	< 0.05 U	--	**0.09**	--	**0.095**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**440**	**1,250**
	2/6/2002	N		--	--	**0.06**	--	**0.053**	--	< 0.1 U	**0.4**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**320**	**1,080**
	9/10/2002	N		--	--	**0.17**	--	**0.11**	--	--	--	--	--	--	--	--	--	--	--	**500**	--
	10/10/2002	N		--	--	**0.18**	--	**0.15**	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/17/2002	N		--	--	--	--	**0.15**	--	--	--	--	--	--	--	--	--	--	--	**640**	--
	3/17/2003	N		--	--	--	--	**0.26**	--	--	--	--	--	--	--	--	--	--	--	**790**	--
	5/28/2003	N		--	--	--	--	**0.268**	--	--	--	--	--	--	--	--	--	--	--	**910**	--
	1/15/2004	N		--	--	**0.06**	--	**0.043**	--	--	--	--	--	--	--	--	--	--	--	**310**	--
	6/24/2004	N		--	--	**0.25**	--	**0.102**	--	--	--	--	--	--	--	--	--	--	--	**750**	--
	1/6/2005	N		--	--	**0.3**	--	**0.022**	--	--	--	--	--	--	--	--	--	--	--	**740**	--
	7/18/2005	N		--	--	**0.11**	--	--	--	< 0.4 U	--	< 0.01 U	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.52 U	**18**	**310**	--
	1/25/2006	N		--	< 0.02 U	--	**0.043**	--	**0.04**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**181**	**747**
	6/27/2006	N		--	< 0.02 U	--	**0.0446**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.5**	**4.3**	**3.5**	< 0.096 U	< 0.05 U	**203**	**781**
	6/27/2006	FD		--	**0.0202**	--	**0.0466**	--	**0.04**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.4**	**4**	**3.4**	< 0.096 U	< 0.05 U	**191**	**770**
	4/11/2007	N		--	**0.0206**	--	**0.0242**	--	**0.021**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**170**	--
	9/14/2007	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/19/2007	N		--	--	--	**0.0254**	--	**0.023**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**180**	--
	4/7/2008	N		--	< 0.02 U	--	**0.0279**	--	**0.044 ***	--	< 0.2 U	< 0.005 U	< 0.005 U	**4.6**	**1.2**	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**195**	**757**
	8/13/2008	N		--	**0.0251**	--	**0.134**	--	**0.091**	--	< 0.2 U	**0.0139**	**0.0139**	**4.3**	**4.7**	**10**	< 3 U	< 0.1 U	< 0.05 U	**474**	**1,160**
	3/25/2009	N		--	< 0.02 U	--	**0.162**	--	**0.15**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**530**	**1,350**
	8/12/2009	N		--	< 0.02 U	--	**0.0307**	--	**0.034**	--	< 0.2 U	< 0.005 U	< 0.005 U	**2**	**1.3**	< 1 U	< 3 U	**0.24**	< 0.05 U	**63.5**	**452**
	3/5/2010	N		--	< 0.05 U	--	**0.125**	--	**0.13**	--	**0.324**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.053**	< 0.05 U	**422**	**1,300**
	8/6/2010	N		--	**0.011**	--	**0.118**	--	**0.162**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.076**	< 0.05 U	**433**	**1,430**
	5/18/2012	N		< 0.0100 U	--	**0.183**	--	--	**0.186**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**669**	**2,190**
	10/30/2012	N		--	< 0.0100 U	--	**0.192**	--	**0.196**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**661**	**1,520**
	5/13/2013	N		**0.0144 J**	--	**0.147**	--	--	**0.127**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**483**	**1,270**
	10/30/2013	N		**0.0275**	--	**0.0616**	--	--	**0.0598**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**278**	**956**
	5/8/2014	N		**0.0135 J**	--	**0.362**	--	--	**0.337**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**804**	**2,480**
	5/8/2014	FD		**0.0137 J**	--	**0.354**	--	--	**0.338**	< 0.200 U	--	**0.00381 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**777**	**2,510**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW024A	11/7/2014	N	< 0.0200 U	--	**0.0816**	--	--	**0.0665**	< 0.200 U	--	**0.00379 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**279**	**1120 J**
	5/28/2015	N	**0.00760 J**	--	**0.0739**	--	--	**0.0723**	< 0.200 U	--	**0.00378 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**309**	**1,080**
	11/6/2015	N	< 0.0200 UJ	--	**0.0943**	--	--	**0.0797**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**339**	**1,150**
	5/16/2016	N	**0.0417**	--	**0.55**	--	**0.678**	--	--	--	--	--	--	--	--	--	--	--	**946**	**2,100**
	9/21/2016	N	**0.00548 J**	--	**0.732**	--	**0.81**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**864**	**3,200**
	5/11/2017	N	**0.0109**	--	**0.724**	--	**0.785**	--	**0.00442 J**	--	**0.000468 J**	--	--	--	--	--	--	--	**918**	**2,370**
	9/21/2017	N	**0.0128**	--	**0.437 J**	--	--	**0.457 J**	< 0.100 U	--	**0.000585 J**	--	--	--	--	--	--	--	**790**	**2,620**
	9/21/2017	FD	**0.012**	--	**0.689 J**	--	--	**0.852 J**	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	--	**748**	**3,010**
	3/29/2018	Reg	--	**0.012**	--	**0.621**	--	**0.479**	< 0.1	--	--	**0.000484 J**	--	--	--	--	--	--	**884**	**2,360**
	9/12/2018	Reg	**0.0125**	--	**0.579**	--	**0.477**	--	--	< 0.100 U	< 0.00200 U	--	--	--	--	--	--	--	**901**	**2,420**
	9/12/2018	FD	**0.0126**	--	**0.547**	--	**0.52**	--	--	< 0.100 U	**0.000247 J**	--	--	--	--	--	--	--	**894**	**2,310**
MW025	5/19/1999	N	< 0.10 U	--	**4.5**	--	--	--	--	--	--	--	--	--	--	--	--	--	**800**	**2,600**
	11/18/1999	N	--	--	**4.4**	--	--	--	--	--	--	--	--	--	--	--	--	--	**760**	**2,800**
	11/18/1999	FD	--	--	**4.7**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/29/2001	N	--	< 0.05 U	--	**4.18**	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,000**	**3,440**
	8/27/2001	N	--	--	< 0.05 U < 0.05 U	< 0.05 U < 0.05 U	**0.038** **0.043**	**0.037** **0.03**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	--	--
	9/27/2001	N	--	--	**0.33**	--	**0.41**	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/31/2002	N	--	--	**0.53**	--	**0.42**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**810**	**2,540**
	9/17/2002	N	--	--	**0.4**	--	**0.26**	--	--	--	--	--	--	--	--	--	--	--	**710**	--
	1/2/2003	N	--	--	--	--	**0.006**	--	--	--	--	--	--	--	--	--	--	--	**140**	--
	3/11/2003	N	--	--	--	--	**0.024**	--	--	--	--	--	--	--	--	--	--	--	**430**	--
	5/29/2003	N	--	--	--	--	**0.011**	--	--	--	--	--	--	--	--	--	--	--	**460**	--
	6/3/2003	N	--	--	--	--	**0.216**	--	--	--	--	--	--	--	--	--	--	--	**690**	--
	1/7/2004	N	--	--	**0.01**	--	**0.008**	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	6/22/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	1/3/2005	N	--	--	**0.02**	--	**0.022**	--	--	--	--	--	--	--	--	--	--	--	**380**	--
	6/2/2005	N	--	--	**0.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	**380**	--
	1/24/2006	N	--	< 0.02 U	--	**0.0403**	--	**0.036**	--	< 0.2 U	**0.009**	**0.009**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**281**	**1,470**
	7/5/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0104**	**0.0104**	< 1 U	**1.3**	**1.2**	< 3 U	**1.3**	< 0.05 U	**397**	**1,660**
	3/22/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**7**	**7**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**375**	--
	9/19/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.011**	**0.011**	< 1 U	< 1 U	< 1 U	< 3 U	**0.43**	< 0.05 U	**320**	--
	3/24/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0112**	**0.0112**	< 1 U	< 1 U	< 1 U	< 3 U	**0.57**	< 0.05 U	**393**	**1,610**
	8/7/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0105**	**0.0105**	< 1 U	< 1 U	< 1 U	< 3 U	**0.29**	< 0.05 U	**392**	**1,550**
	3/19/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0129**	**0.0129**	**3.5**	**1.4**	< 1 U	< 3 U	**0.33**	< 0.05 U	**418**	**120**
	8/20/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0125**	**0.0125**	< 1 U	< 1 U	< 1 U	< 3 U	**0.41**	< 0.05 U	**432**	**1,690**
	3/9/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.22**	--	**0.033**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.598**	< 0.05 U	**359**	**1,600**
	8/11/2010	N	--	< 0.01 U	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.436**	< 0.05 U	**243**	**1,790**
	5/22/2012	N	< 0.0100 U	--	**0.0117**	--	--	< 0.0100 U	< 0.200 U	--	**0.027**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**213**	**1,230**
	10/29/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**170**	**989**
	5/16/2013	N	**0.0105 J**	--	**0.00547 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**265**	**1,400**
MW026	11/17/1999	N	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**500**	**1,500**
	5/18/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.014**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**750**	**2,120**
	1/23/2002	N	--	--	< 0.05 U	--	**0.005**	--	--	< 0.05 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**670**	**1,850**
	9/4/2002	N	--	--	< 0.05 U	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	**700**	--
	12/17/2002	N	--	--	--	--	**0.007**	--	--	--	--	--	--	--	--	--	--	--	**730**	--
	3/11/2003	N	--	--	--	--	**0.008**	--	--	--	--	--	--	--	--	--	--	--	**700**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**670**	--
	1/6/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1120**	--
	6/15/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**650**	--
	12/13/2004	N	--	--	**0.01**	--	**0.018**	--	--	--	--	--	--	--	--	--	--	--	**680**	--
	6/3/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**630**	--
	1/19/2006	N	--	< 0.02 U	--	**0.0176**	--	< 0.02 U	--	**0.664**	**0.0095**	**0.0095**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**766**	**1,780**
	6/23/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**708**	**2,020**
	4/5/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**737**	--
	9/11/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**731**	--
	3/25/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**805**	**2,240**
	8/11/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.006**	**0.006**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**825**	**2,320**
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**866**	**2,620**
	8/13/2010	N	--	< 0.01 U	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.423**	< 0.05 U	**505**	**2,730**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**576 J**	**2,170**
	10/29/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**568**	**2,000**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

ARCADIS Design & Consultancy for natural and built assets

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW026	5/20/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**485**	**2,110**
	11/5/2013	N	**0.00883 J**	--	**0.00598 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**544**	**3,020**
	11/5/2013	FD	< 0.0200 U	--	**0.00502 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**528**	**2,850**
	5/9/2014	N	< 0.0200 U	--	**0.00189 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**427**	**2,050**
	11/5/2014	N	**0.0149 J**	--	**0.012**	--	--	**0.00770 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**572**	**2,760**
	5/20/2015	N	**0.00808 J**	--	**0.00411 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**0.00733 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**563**	**2,580**
	11/4/2015	N	**0.00336 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**330**	**1,750**
	5/13/2016	N	**0.0335**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**324**	**1,570**
	9/20/2016	N	< 0.00336 U	--	**0.00424 J**	--	< 0.01 U	--	< 0.00616 U	--	**0.00524 J**	--	--	--	--	--	--	--	**737**	**1,230**
	9/22/2017	N	**0.00716**	--	< 0.004 U	--	< 0.01 U	--	< 0.1 U	--	< 0.002 U	--	--	--	--	--	--	--	**108**	**890**
	4/5/2018	Reg	--	**0.00716**	--	**0.00255 J**	--	< 0.0100 U	< 0.100 U	--	--	< 0.00200 U	--	--	--	--	--	--	**229**	**1,180**
	9/13/2018	Reg	**0.00774 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.00160 J**	--	--	--	--	--	--	--	**129**	**860**
MW027	11/18/1999	N	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**240**	**960**
	5/18/2001	N	--	< 0.05 U	--	< 0.05 U	--	**0.026**	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**370**	**1,260**
	1/24/2002	N	--	--	< 0.05 U	--	**0.02**	--	--	**0.11**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**320**	**1,370**
	9/4/2002	N	--	--	< 0.05 U	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**170**	--
	12/17/2002	N	--	--	--	--	**0.008**	--	--	--	--	--	--	--	--	--	--	--	**350**	--
	3/11/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**360**	--
	5/22/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**510**	--
	1/6/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**300**	--
	6/17/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**300**	--
	12/20/2004	N	--	--	**0.01**	--	**0.007**	--	--	--	--	--	--	--	--	--	--	--	**400**	--
	6/2/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**330**	--
	1/23/2006	N	--	< 0.02 U	--	**0.0557**	--	< 0.02 U	--	**0.528**	**0.0104**	**0.0104**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**355**	**1,440**
	6/23/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.27**	< 0.05 U	**408**	**1,420**
	3/21/2007	N	--	< 0.02 U	--	**0.0221**	--	< 0.02 U	--	**1.03**	**0.0207**	**0.0207**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**399**	--
	9/14/2007	N	--	< 0.02 U	--	**0.0216**	--	< 0.02 U	--	**4.24**	**0.0949**	**0.0949**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**370**	--
	8/19/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**344**	--
	3/12/2010	N	--	< 0.05 U	--	< 0.050 U	--	**0.013**	--	**0.139**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.056 U	< 0.05 U	**279**	**1,440**
	8/3/2010	N	--	< 0.01 U	--	< 0.050 U	--	**0.021**	--	**0.125**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.098 U	< 0.05 U	**363**	**1,710**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**261 J**	**1,500**
	10/30/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.0234**	**0.0234**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**288**	**1,610**
	5/20/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**92.4**	**1,170**
	11/5/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	**2.68**	--	--	**250**	**1,470**
	5/9/2014	N	**0.00761 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00682 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**275**	**1,420**
	11/5/2014	N	< 0.0200 U	--	**0.0100 J**	--	--	**0.00620 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**386**	**1,840**
	5/19/2015	N	**0.0118 J**	--	**0.00392 J**	--	--	**0.0367 J**	< 0.200 UJ	--	**0.00444 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**343**	**1,770**
	11/4/2015	N	**0.00562 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**325**	**1,600**
	11/4/2015	FD	**0.00383 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**303**	**1,690**
	5/13/2016	N	**0.022**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**294**	**1,330**
	9/20/2016	N	< 0.00336 U	--	**0.00695 J**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**290**	**1,520**
	5/11/2017	N	**0.00529**	--	**0.00238 J**	--	< 0.01 U	--	**0.00482 J**	--	**0.00044 J**	--	--	--	--	--	--	--	**365**	**1,680**
	9/22/2017	N	**0.00703**	--	**0.00211 J**	--	< 0.01 U	--	< 0.1 U	--	**0.000557 J**	--	--	--	--	--	--	--	**351**	**1,760**
	4/3/2018	Reg	--	**0.0063**	--	**0.00154 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.00155 J**	--	--	--	--	--	--	**366**	**1,480**
	9/13/2018	Reg	**0.00682 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.00133 J**	--	--	--	--	--	--	--	**355**	**1,600**
MW028	11/18/1999	N	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,200**	**2,400**
	5/22/2001	N	--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,400**	**3,040**
	1/24/2002	N	--	--	< 0.05 U	--	--	< 0.005 U	--	< 0.05 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	**2,800**
	9/4/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--
	12/18/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,070**	--
	3/10/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,040**	--
	5/22/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,030**	--
	1/28/2004	N	--	--	< 0.01 U	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	**990**	--
	6/9/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,120**	--
	12/6/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**880**	--
	5/25/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**750**	--
	1/18/2006	N	--	< 0.02 U	--	**0.0301**	--	< 0.02 U	--	**0.318**	**0.0079**	**0.0079**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**655**	**2,070**
	6/20/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0076**	**0.0076**	< 1 U	< 1 U	< 1 U	< 3 U	**0.32**	< 0.05 U	**629**	**2,060**
	3/21/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.28**	< 0.05 U	**418**	--
	9/6/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.29**	< 0.05 U	**389**	--
	3/19/2008	N	--	**0.0275**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.14**	< 0.05 U	**292**	**1,520**
	8/12/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0071**	**0.0071**	< 1 U	< 1 U	< 1 U	< 3 U	**0.25**	< 0.05 U	**333**	**1,450**

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Historical Analytical Data (through 2017)
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Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	3/19/2009	N		--	**0.0211**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**8.5**	**2.8**	**1.2**	< 3 U	< 0.095 U	< 0.05 U	**253**	**1,450**
	8/24/2009	N		--	**0.0255**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.49**	**0.12**	**438**	**1,470**
	3/11/2010	N		--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.177**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.145**	< 0.05 U	**377**	**1,600**
	8/11/2010	N		--	**0.025**	--	< 0.050 U	--	**0.012**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.199**	< 0.05 U	**336**	**1,780**
	11/2/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**339**	**1,380**
	5/20/2013	N		**0.0199 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**224**	**1,240**
MW029	11/18/1999	N		--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**250**	**1,200**
	5/18/2001	N		--	< 0.05 U	--	< 0.05 U	--	< 0.005 U	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**180**	**810**
	2/6/2002	N		--	--	< 0.05 U	< 0.05 U	< 0.005 U	--	--	**0.7**	**0.11**	**0.11**	--	--	--	--	--	--	**160**	**1,380**
	9/9/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**160**	--
	12/18/2002	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**130**	--
	3/10/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**150**	--
	5/27/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**160**	--
	1/13/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**150**	--
	6/10/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**100**	--
	12/7/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**140**	--
	5/24/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**140**	--
	1/18/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.27**	**0.0183**	**0.0183**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**147**	**823**
MW029	6/20/2006	N		--	**0.0243**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**155**	**792**
	3/28/2007	N		--	**0.0243**	--	< 0.015 U	--	< 0.02 U	--	**0.222**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**145**	--
	9/6/2007	N		--	**0.0208**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**138**	--
	3/20/2008	N		--	**0.021**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**3**	< 3 U	< 0.096 U	< 0.05 U	**138**	**749**
	8/5/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**142**	**767**
	3/16/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**7.9**	**3.1**	**1.3**	< 3 U	< 0.096 U	< 0.05 U	**138**	**728**
	8/24/2009	N		--	**0.0239**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**136**	**706**
	3/10/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.037**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.05 U	< 0.05 U	**102**	**512**
	8/13/2010	N		--	**0.021**	--	< 0.05 U	--	**0.017**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.075**	< 0.05 U	**110**	**660**
	5/24/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**141**	**713**
	11/1/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**139**	**370**
	5/14/2013	N		**0.0189 J**	--	**0.0148**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**141**	**546**
	4/24/2002	N		--	--	< 0.05 U	--	**0.015**	--	< 0.1 U	**1.5**	**0.07**	**0.25**	--	--	--	--	--	--	**430**	**1,980**
	9/9/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**290**	--
	12/18/2002	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**240**	--
	3/10/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	5/27/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**250**	--
	1/13/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**150**	--
	6/15/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**100**	--
	12/13/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**440**	--
	5/26/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	1/20/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**411**	**1,110**
	6/22/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**248**	**1,060**
	3/28/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**387**	--
	9/11/2007	N		--	**0.0259**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**360**	--
	3/25/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.261**	**0.0051**	**0.0051**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**363**	**964**
	8/5/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**328**	**962**
	3/16/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0072**	**0.0072**	**12**	**4.3**	**1.7**	< 3 U	< 0.094 U	< 0.05 U	**346**	**952**
	8/20/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**180**	**986**
MW030	3/16/2010	N		--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.058**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**273**	**1,350**
	8/13/2010	N		--	< 0.01 U	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.084**	< 0.05 U	**274**	**1,110**
	5/24/2012	N		**0.0152**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**75.1**	**614**
	11/1/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**147**	**628**
	5/14/2013	N		**0.0209**	--	**0.00363 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**127**	**696**
	10/31/2013	N		**0.0146 J**	--	**0.00414 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0793**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**315**	**1,080**
	5/12/2014	N		**0.0278**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00418 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**154**	**633**
	11/6/2014	N		**0.0105 J**	--	**0.00148 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**0.00360 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**91.5**	**446**
	6/1/2015	N		**0.0296**	--	**0.00157 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**90.1**	**580**
	11/5/2015	N		**0.0241**	--	**0.00148 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**82.4**	**539**
	5/16/2016	N		**0.0222**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**356 X**	**875**
	5/16/2016	FD		**0.0227**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**316**	**919**
	9/21/2016	N		**0.0168**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**261**	**865**
	5/11/2017	N		**0.0144**	--	**0.00256 J**	--	< 0.01 U	--	**0.03 J**	--	**0.0012 J**	--	--	--	--	--	--	--	**249**	**588**
	9/21/2017	N		**0.0194**	--	**0.00147 J**	--	--	< 0.0100 U	**0.0315 J**	--	**0.000561 J**	--	--	--	--	--	--	--	**202**	**778**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/29/2018	Reg	--	**0.0179**	--	**0.00135 J**	--	< 0.0100 U	< 0.1	--	--	**0.000316 J**	--	--	--	--	--	--	**241**	**662**
	9/13/2018	Reg	**0.0189 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.00159 J**	--	--	--	--	--	--	--	**245**	**726**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW030P	5/9/2014	N	**0.0416**	--	< 0.0100 U	--	--	< 0.0500 U	**4.76**	--	**2.39**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**264**	**2,920**
	6/1/2015	N	**0.0393**	--	**0.00189 J**	--	--	< 0.0500 U	**7.21**	--	**0.628**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**445**	**3,780**
	5/19/2016	N	**0.105**	--	**0.00272 J**	--	**0.0171**	--	--	--	--	--	--	--	--	--	--	--	**388**	**3,960**
	5/4/2017	N	**0.239**	--	**0.0101**	--	**0.027**	--	**65.3**	--	**0.465**	--	--	--	--	--	--	--	**478**	**2,020**
MW031	4/25/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	**0.2**	**0.13**	**0.14**	--	--	--	--	--	--	**200**	**990**
	9/10/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**70**	--
	12/18/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**70**	--
	3/10/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**150**	--
	5/28/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**100**	--
	1/12/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**100**	--
	6/15/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	12/9/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**110**	--
	5/24/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**110**	--
	1/19/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.205**	**0.488**	**0.488**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**113**	**794**
	6/21/2006	N	--	**0.0212**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.566**	**0.566**	< 1 U	< 1 U	< 1 U	< 3 U	**0.36**	< 0.05 U	**131**	**781**
	3/28/2007	N	--	**0.0227**	--	< 0.015 U	--	< 0.02 U	--	**0.02**	**0.567**	**0.567**	< 1 U	< 1 U	< 1 U	< 3 U	**0.21**	< 0.05 U	**97.3**	--
	9/11/2007	N	--	**0.0205**	--	< 0.015 U	--	< 0.02 U	--	**0.329**	**0.557**	**0.557**	< 1 U	< 1 U	< 1 U	< 3 U	**0.23**	< 0.05 U	**104**	--
	3/20/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.384**	**0.533**	**0.533**	< 1 U	**1.1**	**3.1**	< 3 U	**0.23**	< 0.05 U	**103**	**724**
	8/5/2008	N	--	**0.0243**	--	< 0.015 U	--	< 0.02 U	--	**0.321**	**0.518**	**0.518**	< 1 U	< 1 U	< 1 U	< 3 U	**0.26**	< 0.05 U	**90.4**	**714**
	3/24/2009	N	--	**0.0257**	--	< 0.015 U	--	< 0.02 U	--	**0.482**	**0.513**	**0.513**	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**121**	**703**
	8/4/2009	N	--	**0.0253**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.532**	**0.532**	< 1 U	< 1 U	< 1 U	< 3 U	**0.17**	< 0.05 U	**95.9**	**711**
	3/2/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.158**	**0.535**	**0.535**	< 1 U	< 2 U	< 1 U	< 1 U	**0.12**	< 0.05 U	**92**	**836**
	8/5/2010	N	--	**0.022**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	**0.4**	**0.4**	< 1 U	< 2 U	< 1 U	< 1 U	**0.24**	< 0.05 U	**90.3**	**666**
	5/24/2012	N	**0.0227**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.499**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**103**	**826**
	10/31/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	**0.692**	**0.588**	**0.588**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**107**	**684**
	5/14/2013	N	**0.0122 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.438**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**106**	**802**
	10/31/2013	N	**0.0124 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.222**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**98.3**	**761**
	5/12/2014	N	**0.0145 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.166**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**106**	**780**
	11/6/2014	N	< 0.0200 U	--	**0.00296 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**0.0254**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**96.8**	**1,160**
	5/21/2015	N	**0.00902 J**	--	**0.00100 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.261**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**100**	**801**
	11/5/2015	N	< 0.0200 UJ	--	**0.00481 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0126 J**	--	--	--	--	--	--	--	**106**	**801**
	5/13/2016	N	**0.0211**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**118**	**725**
	9/21/2016	N	**0.00691 J**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	**0.0218**	--	--	--	--	--	--	--	**125**	**741**
	5/11/2017	N	**0.0144**	--	**0.00175 J**	--	< 0.01 U	--	**0.0059 J**	--	**0.000627 J**	--	--	--	--	--	--	--	**138**	**780**
	9/21/2017	N	**0.0227**	--	< 0.00400 U	--	--	< 0.0100 U	**0.0475 J**	--	**0.815**	--	--	--	--	--	--	--	**166**	**854**
	3/29/2018	Reg	--	**0.0511**	--	< 0.00400 U	--	< 0.0100 U	**0.538**	--	--	**1.36**	--	--	--	--	--	--	**228**	**840**
	9/13/2018	Reg	**0.102**	--	< 0.0200 U	--	< 0.0100 U	--	--	**4.17**	**1.02**	--	--	--	--	--	--	--	**233**	**832**
MW032	4/2/2002	N	--	--	--	< 0.05 U	--	< 0.005 U	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**280**	**1,320**
	9/4/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**400**	--
	12/18/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**480**	--
	3/10/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**450**	--
	5/22/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**640**	--
	1/7/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**820**	--
	6/15/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	12/8/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**360**	--
	5/24/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**380**	--
	1/19/2006	N	--	< 0.02 U	--	**0.0405**	--	< 0.02 U	--	**0.354**	**0.0051**	**0.0051**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**279**	**1,010**
	6/21/2006	N	--	< 0.02 U	--	**0.0261**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.14**	< 0.05 U	**249**	**1,060**
	4/13/2007	N	--	< 0.02 U	--	**0.0195**	--	< 0.02 U	--	**0.517**	**0.0183**	**0.0183**	< 1 U	< 1 U	< 1 U	< 3 U	**0.19**	< 0.05 U	**246**	--
	9/7/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.217**	**0.0059**	**0.0059**	< 1 U	< 1 U	< 1 U	< 3 U	**0.21**	< 0.05 U	**228**	--
	4/7/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**10**	**2.2**	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**255**	**1,180**
	8/14/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0114**	**0.0114**	**1.2**	**1.2**	**2.3**	< 3 U	< 0.1 U	< 0.05 U	**268**	**1,160**
	3/30/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**255**	**1,250**
	8/6/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0059**	**0.0059**	< 1 U	< 1 U	< 1 U	< 3 U	**0.49**	**0.24**	**227**	**1,160**
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.281**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	**1.8**	**2.3**	**0.108**	< 0.05 U	**236**	**1,260**
	8/5/2010	N	--	**0.012**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.081**	< 0.05 U	**214**	**1,100**
	5/24/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**238**	**1,270**
	10/30/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**231**	**1,140**
	5/20/2013	N	< 0.0200 U	--	**0.00705 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**226**	**959**
	11/6/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**212**	**1,110**
	5/12/2014	N	**0.00904 J**	--	< 0.0100 UJ	--	--	**0.00930 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**299**	**1,310**
	11/5/2014	N	< 0.0200 U	--	**0.00150 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00963 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**221**	**1,150**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/20/2015	N	**0.0143 J**	--	**0.00319 J**	--	--	< 0.0100 U	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**252**	**1,120**
	11/4/2015	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**239**	**1,110**
	5/13/2016	N	**0.0156**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**231**	**1,110**
MW032	9/20/2016	N	< 0.00336 U	--	**0.00301 J**	--	< 0.01 U	--	**0.0345 J**	--	**0.0205**	--	--	--	--	--	--	--	**244**	**1,050**
	9/22/2017	N	**0.00397**	--	**0.00188 J**	--	< 0.01 U	--	**0.0228 J**	--	**0.00117 J**	--	--	--	--	--	--	--	**250**	**1,400**
	4/3/2018	Reg	--	**0.00332**	--	**0.00177 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.000594 J**	--	--	--	--	--	--	**285**	**1,190**
	9/13/2018	Reg	**0.00389 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.00249 J**	--	--	--	--	--	--	--	**309**	**1,190**
	4/3/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	**0.5**	**0.5**	**0.52**	**350**	**3200**	**400**	**800**	**0.58**	**11**	**750**	**2,280**
	4/3/2002	FD	--	--	< 0.05 U	--	< 0.005 U	--	**0.2**	**0.7**	**0.51**	**0.52**	**300**	**2900**	**400**	**700**	**0.68**	**12.4**	**790**	**2,250**
	9/23/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	**700**	**8000**	**1000**	**1500**	**0.64**	**28**	**850**	--
	1/8/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**800**	**5400**	**900**	**1100**	**0.57**	**18**	**840**	--
	3/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**570**	**520**	**640**	**310**	**0.54**	**4.2**	**780**	--
	6/5/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**480**	**70**	**480**	**30**	**0.61**	**2.3**	**710**	--
	1/7/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	**490**	**1000**	**300**	**330**	**0.54**	**6**	**730**	--
	7/28/2004	N	--	--	< 0.01 U	--	**0.006**	--	--	--	--	--	**440**	**87**	**280**	**50**	**0.56**	**3.2**	**610**	--
	7/28/2004	FD	--	--	< 0.01 U	--	**0.008**	--	--	--	--	--	**440**	**270**	**300**	**120**	**0.66**	**3.3**	**660**	--
	1/13/2005	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**490**	**1600**	**470**	**530**	**0.49**	**9.8**	**840**	--
	1/13/2005	FD	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**530**	**1800**	**530**	**570**	**0.37**	**10**	**880**	--
	5/25/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	**380**	**1300**	**400**	**430**	**0.47**	**9.3**	**770**	--
MW033	1/27/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.31**	**0.525**	**0.525**	**370**	**960**	**420**	**450**	< 0.6 U	**1.4**	**795**	**2,010**
	1/27/2006	FD	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.23**	**0.482**	**0.482**	**360**	**920**	**400**	**430**	< 0.6 U	**1.7**	**790**	**2,100**
	6/26/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.03**	**0.5**	**0.5**	**250**	**680**	**340**	**350**	**0.88**	**4.6**	**779**	**2,070**
	4/23/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.661**	**0.478**	**0.478**	**190**	**320**	**380**	**200**	**1.1**	**3.1**	**495**	--
	9/21/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.515**	**0.725**	**0.725**	**180**	**380**	**400**	**190**	**1.4**	**2.9**	**539**	--
	3/19/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.689**	**1.44**	**1.44**	**170**	**380**	**420**	**200**	**1.3**	**3.4**	**723**	**1,950**
	8/13/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.314**	**1.73**	**1.73**	**140**	**93**	**210**	**49**	**0.73**	**1.5**	**818**	**2,050**
	4/1/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.389**	**1.15**	**1.15**	**180**	**190**	**280**	**110**	**0.99**	**2.4**	**699**	**1,940**
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**1.04**	**1.04**	**180**	**150**	**260**	**85**	**0.89**	**2**	**915**	**1,870**
	3/17/2010	N	--	< 0.05 U	--	< 0.050 U	--	**0.042**	--	**0.193**	**1.44**	**1.44**	**126**	**115**	**217**	**82**	**0.586**	**1.11**	**637**	**2,160**
	8/18/2010	N	--	< 0.01 U	--	< 0.050 U	--	**0.052**	--	< 0.1 U	**0.886**	**0.886**	**108.5**	**81.7**	**177.7**	**66.2**	**0.487**	**1.12**	**542**	**1,920**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.576**	--	**11.2**	< 2.00 U	**4.51**	< 1.00 U	--	--	**430 J**	**1,770**
	11/6/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.777**	**0.777**	**117**	< 2.00 U	**105**	< 1.00 U	--	--	**536**	**1,480**
	5/20/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	**0.0165**	< 0.200 U	--	**0.683**	--	**33.5**	< 2.00 U	**13.3**	< 1.00 U	--	--	**447**	**1,450**
	4/3/2002	N	--	--	**0.26**	--	**0.28**	--	< 0.1 U	**0.2**	< 0.05 U	**0.06**	--	--	--	--	--	--	**440**	**2,200**
	5/20/2002	N	--	--	**0.33**	--	--	**0.31**	--	--	--	--	--	--	--	--	--	--	--	--
	9/17/2002	N	--	--	**0.33**	--	**0.22**	--	--	--	--	--	--	--	--	--	--	--	**470**	--
	12/5/2002	N	--	--	**0.28**	--	**0.23**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.5 U	< 0.05 U	**500**	--
	3/18/2003	N	--	--	--	--	**0.26**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**580**	--
	6/2/2003	N	--	--	--	--	**0.231**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**620**	--
	1/19/2004	N	--	--	**0.07**	--	**0.062**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**550**	--
	6/24/2004	N	--	--	**0.07**	--	**0.057**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**490**	--
	1/5/2005	N	--	--	**0.14**	--	**0.11**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**540**	--
	6/7/2005	N	--	--	**0.11**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**480**	--
MW034	1/25/2006	N	--	< 0.02 U	--	**0.0838**	--	**0.08**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**443**	**1,810**
	7/7/2006	N	--	< 0.02 U	--	**0.0533**	--	**0.045**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**412**	**1,690**
	4/9/2007	N	--	< 0.02 U	--	**0.0491**	--	**0.033**	--	**0.205**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**343**	--
	4/1/2008	N	--	< 0.02 U	--	**0.0612**	--	**0.049**	--	< 0.2 U	< 0.005 U	< 0.005 U	**8**	**2.2**	**1**	< 3 U	< 0.097 U	< 0.05 U	**363**	**1,380**
	3/25/2009	N	--	< 0.02 U	--	**0.0883**	--	**0.078**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**414**	**1,360**
	3/3/2010	N	--	< 0.05 U	--	**0.091**	--	**0.108**	--	**0.056**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.093**	< 0.05 U	**296**	**1,510**
	5/8/2012	N	< 0.0100 U	--	**0.092**	--	--	**0.0879**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**473**	**2,050**
	5/16/2014	N	**0.0174 J**	--	**0.111**	--	--	**0.0881**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**533**	**2,000**
	5/11/2015	N	< 0.0200 U	--	**0.0617**	--	--	**0.0609**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**637**	**2,150**
	5/16/2016	N	**0.0402**	--	**0.0343**	--	**0.0358**	--	--	--	--	--	--	--	--	--	--	--	**524**	**1,840**
	5/5/2017	N	**0.00624**	--	**0.0185**	--	**0.0126**	--	**0.0438**	--	< 0.002 U	--	--	--	--	--	--	--	**431**	**1,630**
	8/30/2001	N	--	--	< 0.05 U	--	--	**0.024**	< 0.1 U	**0.2**	--	--	--	--	--	--	--	--	**85**	**620**
	1/29/2002	N	--	--	< 0.05 U	--	**0.008**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**300**	**1,230**
	9/11/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.25**	< 0.05 U	**80**	--
	9/12/2002	N	--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/19/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**28**	--
MW035	3/5/2003	N	--	--	--	--	**0.009**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**100**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**150**	--
	1/20/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**90**	--

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Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	6/22/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	20	--
	12/21/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	70	--
	5/25/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	2	18	11	10	< 0.25 U	0.19	30	--
	1/23/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	0.298	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	33.3	612
	6/22/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	0.7	< 0.05 U	80.3	917
	4/2/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.0052	0.0052	< 1 U	< 1 U	< 1 U	< 3 U	0.26	< 0.05 U	59.2	--
	4/2/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.016	0.016	5.3	1.5	< 1 U	< 3 U	0.74	< 0.05 U	54.9	766
MW035	3/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.0482	0.0482	< 1 U	< 1 U	< 1 U	< 3 U	0.58	< 0.05 U	225	1,320
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	0.04	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	1.7	0.359	< 0.05 U	42.9	1,100
	5/25/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.109	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	188	1,120
	5/22/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0538	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	157	1,100
	5/22/2013	FD	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0549	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	162	1,140
	8/29/2001	N	--	--	< 0.05 U	--	--	< 0.005 U	< 0.1 U	0.2	--	--	< 2 U	5	< 2 U	47	--	--	180	1000
	2/7/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	0.8	1.4	0.18	0.21	< 2 U	< 2 U	< 2 U	47	1.2	0.723	260	1,100
	9/19/2002	N	--	--	< 0.05 U	--	< 0.01 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	19	1.1	0.71	1,070	--
	1/7/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	3	< 2 U	< 2 U	110	1.6	0.9	500	--
	3/26/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	2	< 2 U	3	51	0.89	0.8	840	--
	6/5/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	19	0.69	0.7	590	--
	1/27/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	6	2	< 2 U	310	2.7	2.5	450	--
	7/27/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	7	< 2 U	4	360	1.6	2.4	430	--
	1/12/2005	N	--	--	0.01	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	1.5	0.42	760	--
	5/31/2005	N	--	--	0.02	--	--	--	--	--	--	--	< 2 U	< 2 U	3	49	2.1	0.51	610	--
MW036	1/26/2006	N	--	< 0.02 U	--	0.0172	--	< 0.02 U	--	3.55	0.643	0.643	1.9	< 1 U	< 1 U	70	1.5	0.6	685	1,970
	7/12/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	3.54	0.607	0.607	9.6	1.3	2.6	98	3.2	0.85	663	1,740
	4/19/2007	N	--	0.0242	--	< 0.015 U	--	< 0.02 U	--	4.35	0.624	0.624	18	< 1 U	30	400	2	2.3	460	--
	4/16/2008	N	--	0.0405	--	< 0.015 U	--	< 0.02 U	--	6.17	0.327	0.327	26	< 1 U	4.6	440	3.2	3.7	183	1,040
	4/7/2009	N	--	0.0292	--	< 0.015 U	--	< 0.02 U	--	5.07	0.879	0.879	14	1	3.3	420	3.2	2.7	460	1,320
	3/16/2010	N	--	0.054	--	< 0.050 U	--	< 0.01 U	--	0.748	0.204	0.204	27	1.5	3.9	568.9	1.24	2.34	50	1,270
	5/25/2012	N	0.0408	--	< 0.0100 U	--	--	< 0.0100 U	1.2	--	0.329	--	62.1	2	14.7	592	--	--	88.9	772
	5/22/2013	N	0.00792 J	--	< 0.0100 U	--	--	< 0.100 U	< 0.200 U	--	0.454	--	67.6	< 2.00 U	120	205	--	--	51.7	795
	5/27/2014	N	0.0226	--	0.000905 J	--	--	< 0.0500 U	1.91	--	0.363	--	83.2	1.28 J	60.6	636	--	--	199	1000
	6/5/2015	N	0.0282	--	< 0.0100 U	--	--	< 0.0500 U	0.249 J	--	0.315	--	144	< 2.00 U	212	19.4	--	--	214	1,010
	5/20/2016	N	0.0471	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	119	< 1 U	104	136	< 0.987 U	2.09	413	1,450
	5/9/2017	N	0.00624	--	0.00153 J	--	< 0.01 U	--	29.7	--	0.358	--	407	< 10 U	588	41.1	< 1.5 U	4.41	165	914
	8/29/2001	N	--	--	< 0.05 U	--	--	< 0.005 U	0.1	1	--	--	2000	< 100 U	400	700	0.56	6.48	740	2,140
	2/7/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	3.8	4	0.72	0.75	1700	< 40 U	360	190	0.71	3.82	770	2,050
	2/7/2002	FD	--	--	< 0.05 U	--	< 0.005 U	--	4	4.2	0.74	0.74	1500	< 40 U	310	150	0.69	3.69	760	2,070
	9/19/2002	N	--	--	< 0.05 U	--	< 0.01 U	--	--	--	--	--	3400	< 80 U	320	100	1.3	2.5	380	--
	9/19/2002	FD	--	--	< 0.05 U	--	< 0.01 U	--	--	--	--	--	3600	< 100 U	300	100	1.3	2	440	--
	1/8/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	3700	< 100 U	400	400	1.8	11	330	--
	1/8/2003	FD	--	--	--	--	< 0.005 U	--	--	--	--	--	3700	< 100 U	400	400	1.7	11	340	--
	3/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	2800	< 80 U	420	490	1.1	2.6	280	--
	3/27/2003	FD	--	--	--	--	< 0.005 U	--	--	--	--	--	2900	< 80 U	430	520	1.4	2.9	280	--
	6/5/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	2100	< 80 U	350	270	1.3	4.4	350	--
	6/5/2003	FD	--	--	--	--	< 0.005 U	--	--	--	--	--	2300	< 80 U	380	280	1.2	4.4	380	--
	1/27/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	3600	< 40 U	610	700	1.6	13	350	--
	1/27/2004	FD	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	3700	< 40 U	610	600	1.5	9.5	360	--
	7/28/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	4300	< 100 U	600	600	5.9	15	400	--
	1/12/2005	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	1800	< 20 U	560	230	2.3	7	460	--
MW037	5/26/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	1900	< 20 U	310	180	3.5	8	530	--
	1/27/2006	N	--	0.0504	--	< 0.015 U	--	< 0.02 U	--	8.41	0.882	0.882	3000	17	420	79	5.8	1.3	605	1,900
	7/13/2006	N	--	0.055	--	< 0.015 U	--	< 0.02 U	--	5.66	1.05	1.05	2200	< 5 U	140	20	5.3	5.7	585	2,130
	4/19/2007	N	--	0.058	--	< 0.015 U	--	0.02	--	8.49	0.984	0.984	2400	< 5 U	250	33	3.9	6.5	669	--
	4/16/2008	N	--	0.0794	--	< 0.015 U	--	< 0.08 U	--	10.1	1.27	1.27	1800	< 5 U	100	22	6.9	4.6	1,020	2,950
	4/7/2009	N	--	0.0732	--	< 0.015 U	--	< 0.02 U	--	13.6	1.17	1.17	73	< 1 U	40	4	2.7	0.5	1,810	3,840
	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	0.14	0.121	0.121	2944	< 10 U	552.9	35	2.14	5.21	370	2,130
	5/25/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	0.667	--	0.0897	--	105	< 2.00 U	8.95	3.08	--	--	1,220	2,700
	5/15/2013	N	0.0228	--	< 0.0100 U	--	--	0.011	0.65	--	0.0291	--	6620	< 100 U	534	134	--	--	343	1,540
	5/23/2014	N	0.0225	--	< 0.0100 U	--	--	< 0.0500 U	< 0.200 U	--	0.108	--	996	< 10.0 U	113	< 5.00 U	--	--	679	2,120
	5/28/2015	N	0.0208	--	0.000821 J	--	--	0.00580 J	< 0.200 U	--	0.0406	--	1220	< 10.0 U	160	< 5.00 U	--	--	385	1,520
	5/9/2017	N	0.0604	--	0.00211 J	--	0.0025 J	--	15.1	--	0.617	--	57.2	< 2 U	42.2	< 2 U	1.36 J	1.76	647	1,510
	9/26/2017	N	0.0526	--	0.00311 J	--	< 0.01 U	--	8.7 J	--	0.178	--	252	2.71	173	< 2 U	1.51	< 1.5 U	513	1,470

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	4/4/2018	N	--	**0.0433**	--	**0.00105 J**	--	< 0.0100 U	**8.01**	--	--	**0.0823**	**22.5**	**22.5**	**9.74**	< 2 U	**0.944 J**	< 1.50 U	**516**	**1,770**
	4/4/2018	FD	--	**0.0413**	--	**0.00107 J**	--	< 0.0100 U	**7.74**	--	--	**0.0796**	**25.4**	**25.4**	**11.6**	< 2 U	**0.961 J**	< 1.50 U	**432**	**1,400**
	9/11/2018	N	**0.0502**	--	**0.00126 J**	--	< 0.0100 U	--	--	**7.15**	**0.0653**	--	**71.9**	< 2 U	**10.8**	**9.77**	--	< 1.50 U	**549**	**1,470**
MW038	8/29/2001	N	--	--	< 0.05 U	--	--	**0.019**	< 0.1 U	< 0.1 U	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.34**	< 0.05 U	**180**	**1,030**
	2/7/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	**0.7**	**1**	**0.25**	**0.33**	**3**	< 2 U	< 2 U	< 2 U	**0.43**	--	**170**	**1,160**
	9/19/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	**88**	< 4 U	< 4 U	< 4 U	**0.62**	**0.11**	**150**	**1,070**
	1/7/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**24**	< 2 U	< 2 U	< 2 U	**0.71**	**0.16**	**180**	--
	3/19/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**17**	< 2 U	< 2 U	< 2 U	**0.62**	**0.07**	**180**	--
	6/5/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**11**	< 2 U	< 2 U	< 2 U	**0.6**	**0.14**	**180**	--
	1/27/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**7**	< 2 U	< 2 U	< 6 U	**0.83**	**0.06**	**150**	--
	7/28/2004	N	--	--	**0.28**	--	< 0.005 U	--	--	--	--	--	**13**	< 2 U	< 2 U	< 6 U	**0.29**	**0.08**	**600**	--
	1/12/2005	N	--	--	**0.19**	--	< 0.01 U	--	--	--	--	--	**5**	< 2 U	< 2 U	< 6 U	**0.31**	< 0.05 U	**530**	--
	5/31/2005	N	--	--	**0.31**	--	--	--	--	--	--	--	**5**	< 2 U	< 2 U	< 6 U	**0.3**	< 0.05 U	**490**	--
	1/26/2006	N	--	< 0.02 U	--	**0.216**	--	< 0.02 U	--	**2.39**	**0.274**	**0.274**	**4.2**	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**508**	**2,300**
	7/13/2006	N	--	< 0.02 U	--	**0.121**	--	< 0.02 U	--	**0.841**	**0.211**	**0.211**	**8.4**	< 1 U	< 1 U	< 3 U	**0.45**	< 0.05 U	**510**	**2,270**
	4/19/2007	N	--	< 0.02 U	--	**0.313**	--	< 0.02 U	--	**2.63**	**0.209**	**0.209**	**20**	< 1 U	**2.9**	**6.3**	**0.69**	**0.11**	**414**	--
	4/16/2008	N	--	< 0.02 U	--	**0.179**	--	**0.13**	--	**0.598**	**0.177**	**0.177**	< 1 U	< 1 U	< 1 U	< 3 U	**0.39**	< 0.05 U	**260**	**2,060**
MW038	4/7/2009	N	--	< 0.02 U	--	**0.185**	--	**0.13**	--	< 0.2 U	**0.163**	**0.163**	< 1 U	< 1 U	< 1 U	< 3 U	**0.35**	< 0.05 U	**301**	**1,760**
	3/12/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.052**	--	**0.214**	**0.148**	**0.148**	< 11.9 U	< 1 U	< 1 U	< 1 U	**1.83**	< 0.05 U	**180**	**1,410**
	5/24/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.7**	--	**0.233**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**266**	**1,510**
	5/23/2013	N	**0.00898 J**	--	< 0.0100 U	--	--	< 0.0100 U	**5.25**	--	**0.171**	--	**0.609 J**	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**147**	**1,020**
	11/6/2013	N	**0.00895 J**	--	**0.0205**	--	--	**0.0243**	< 0.200 U	--	**0.114**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**296**	**1,650**
	11/6/2013	FD	< 0.0200 U	--	**0.0176**	--	--	**0.0272**	< 0.200 U	--	**0.131**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**287**	**1,650**
	5/6/2014	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0500 U	< 0.200 U	--	**0.223**	--	**2.82**	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**144**	**1,190**
	6/5/2015	N	**0.0129 J**	--	**0.00294 J**	--	--	< 0.0500 U	< 0.200 UJ	--	**0.16**	--	**4.61**	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**146**	**1,070**
	5/20/2016	N	< 0.00336 U	--	**0.002 J**	--	< 0.00548 U	--	--	--	--	--	**4.62**	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**161**	**1,160**
	5/9/2017	N	**0.0114**	--	**0.0042**	--	**0.0081 J**	--	**9.62**	--	**0.14**	--	**9.43**	< 2 U	**2.96**	< 2 U	**1.19 J**	< 1.5 U	**104**	**966**
	5/9/2017	FD	**0.0116**	--	**0.00449**	--	**0.0071 J**	--	**9.27**	--	**0.114**	--	**7.99**	< 2 U	< 2 U	< 2 U	**0.988 J**	**1.04 J**	**111**	**1,010**
	8/30/2001	N	--	--	< 0.05 U	--	--	**0.14**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	**73**	**550**
	1/31/2002	N	--	--	**0.09**	--	**0.14**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**190**	**840**
	9/10/2002	N	--	--	**0.11**	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**180**	--
	12/26/2002	N	--	--	--	--	**0.16**	--	--	--	--	--	--	--	--	--	--	--	**210**	--
	3/17/2003	N	--	--	--	--	**0.12**	--	--	--	--	--	--	--	--	--	--	--	**190**	--
	6/2/2003	N	--	--	--	--	**0.122**	--	--	--	--	--	--	--	--	--	--	--	**200**	--
	1/20/2004	N	--	--	**0.07**	--	**0.056**	--	--	--	--	--	--	--	--	--	--	--	**150**	--
	6/24/2004	N	--	--	**0.12**	--	**0.105**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**360**	--
	6/24/2004	FD	--	--	**0.12**	--	**0.101**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**350**	--
	1/6/2005	N	--	--	**0.1**	--	**0.1**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**180**	--
	1/6/2005	FD	--	--	**0.1**	--	**0.12**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**180**	--
MW039A	6/8/2005	N	--	--	**0.11**	--	--	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	1/25/2006	N	--	**0.0219**	--	**0.198**	--	**0.18**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**312**	**1,390**
	7/6/2006	N	--	**0.0229**	--	**0.217**	--	**0.21**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**324**	**1,450**
	7/6/2006	FD	--	**0.0251**	--	**0.22**	--	**0.21**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**328**	**1,470**
	4/12/2007	N	--	< 0.02 U	--	**0.178**	--	**0.18**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**299**	--
	4/3/2008	N	--	< 0.02 U	--	**0.265**	--	**0.24**	--	< 0.2 U	< 0.005 U	< 0.005 U	**38**	**5.9**	**1.5**	< 3 U	< 0.095 U	**0.1**	**405**	**1,390**
	4/2/2009	N	--	< 0.02 U	--	**0.297**	--	**0.28**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**2.2**	< 3 U	< 0.096 U	< 0.05 U	**365**	**1,660**
	3/8/2010	N	--	< 0.05 U	--	**0.318**	--	**0.308**	--	**0.042**	< 0.050 U	< 0.050 U	**1.2**	< 1 U	< 1 U	< 1 U	**0.164**	< 0.05 U	**335**	**1,510**
	5/25/2012	N	< 0.0100 U	--	**0.102**	--	--	**0.0974**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**202**	**952**
	5/25/2012	FD	< 0.0100 U	--	**0.103**	--	--	**0.0984**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**194**	**976**
	5/21/2013	N	**0.0133 J**	--	**0.101**	--	--	**0.0989**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**186**	**1,030**
	5/27/2014	N	**0.0187 J**	--	**0.102**	--	--	**0.0948**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**202**	**927**
	6/4/2015	N	**0.0237**	--	**0.0964**	--	--	**0.0932**	< 0.200 UJ	--	**0.00913 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**210**	**942**
	4/2/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**59**	**540**
	9/5/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	12/18/2002	N	--	--	--	--	**0.006**	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	3/11/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**49**	--
	5/22/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**40**	--
	1/19/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	6/16/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	6/16/2004	FD	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
MW040A	12/15/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	12/15/2004	FD	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/24/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	1/20/2006	N	--	**0.0234**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**53.9**	**491**
	6/28/2006	N	--	**0.0203**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**2.1**	**2.6**	< 3 U	< 0.095 U	< 0.05 U	**52.8**	**486**
	4/2/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**63.1**	--
	9/11/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/12/2007	N	--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**54**	--
	3/24/2008	N	--	**0.0223**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**58.8**	**509**
	8/7/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**55.3**	**510**
	3/17/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**6.8**	**2.5**	**1.1**	< 3 U	< 0.098 U	< 0.05 U	**54.1**	**506**
	8/21/2009	N	--	**0.0304**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**54.1**	--
	3/10/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.898**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.05 U	< 0.05 U	**40.5**	**364**
	8/11/2010	N	--	**0.015**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.052 U	< 0.05 U	**34.3**	**558**
	5/17/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**57.6 J**	**586**
	10/29/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**50.3**	**510**
	5/17/2013	N	**0.0191 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**50.3**	**448**
	11/4/2013	N	**0.0183 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**48.2**	**488**
MW040A	5/7/2014	N	**0.0147 J**	--	< 0.0100 UJ	--	--	**0.0104**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**51.5**	**423**
	11/10/2014	N	**0.0181 J**	--	**0.00225 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**52.9**	**575**
	5/26/2015	N	**0.0129 J**	--	**0.00218 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**47.3**	**444**
	11/9/2015	N	**0.0252**	--	**0.00294 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**52.4**	**516**
	5/16/2016	N	**0.0208**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**46**	**653**
	5/16/2016	FD	**0.024**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**52.5**	**451**
	9/20/2016	N	**0.0184**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**56**	**495**
	5/9/2017	N	**0.0176**	--	**0.00285 J**	--	< 0.01 U	--	**0.00278 J**	--	< 0.002 U	--	--	--	--	--	--	--	**53.7**	**574**
	9/21/2017	N	**0.0187**	--	**0.00164 J**	--	--	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	--	**203**	**540**
	4/2/2018	Reg	--	**0.0207**	--	**0.00231 J**	--	< 0.0100 U	< 0.100 U	--	--	**0.000290 J**	--	--	--	--	--	--	**50.3**	**504**
	9/13/2018	Reg	**0.0195 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	**0.00163 J**	--	--	--	--	--	--	--	**51.6**	**497**
	4/29/2002	N	--	--	**0.59**	--	**0.32**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**690**	**2,330**
	5/20/2002	N	--	--	**0.46**	--	--	**0.39**	--	--	--	--	--	--	--	--	--	--	--	--
	9/17/2002	N	--	--	**0.34**	--	**0.22**	--	--	--	--	--	--	--	--	--	--	--	**420**	--
	12/5/2002	N	--	--	**0.31**	--	**0.2**	--	--	--	--	--	--	--	--	--	--	--	**410**	--
	3/18/2003	N	--	--	--	--	**0.12**	--	--	--	--	--	--	--	--	--	--	--	**420**	--
	6/2/2003	N	--	--	--	--	**0.22**	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	1/19/2004	N	--	--	**0.64**	--	**0.3**	--	--	--	--	--	--	--	--	--	--	--	**640**	--
	7/1/2004	N	--	--	**0.61**	--	**0.26**	--	--	--	--	--	--	--	--	--	--	--	**630**	--
	1/10/2005	N	--	--	**0.58**	--	**0.81**	--	--	--	--	--	--	--	--	--	--	--	**640**	--
	6/7/2005	N	--	--	**0.57**	--	--	--	--	--	--	--	--	--	--	--	--	--	**640**	--
	1/26/2006	N	--	< 0.02 U	--	**0.663**	--	**0.6**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**686**	**2,560**
	1/26/2006	FD	--	< 0.02 U	--	**0.631**	--	**0.62**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**787**	**2,650**
MW041A	7/7/2006	N	--	< 0.02 U	--	**0.52**	--	**0.53**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**616**	**2,600**
	4/17/2007	N	--	< 0.02 U	--	**0.415**	--	**0.4**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**509**	--
	4/15/2008	N	--	< 0.02 U	--	**0.393**	--	**0.35**	--	< 0.2 U	< 0.005 U	< 0.005 U	**3.8**	< 1 U	< 1 U	< 3 U	**1.5**	< 0.05 U	**530**	**1,830**
	4/1/2009	N	--	< 0.02 U	--	**0.38**	--	**0.35**	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.9**	**4**	**11**	**3.1**	< 0.096 U	**0.072**	**449**	**1,880**
	3/11/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.443**	--	**0.388**	**0.075**	**0.075**	< 1 U	< 1 U	< 1 U	< 1 U	**0.078**	< 0.05 U	**408**	**2,180**
	5/8/2012	N	< 0.0100 U	--	**0.257**	--	--	**0.212**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**357**	**1,580**
	5/16/2014	N	**0.0150 J**	--	**0.298**	--	--	**0.273**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**442**	**1,810**
	5/16/2014	FD	**0.0136 J**	--	**0.293**	--	--	**0.271**	< 0.200 U	--	**0.0105 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**445**	**1,810**
	5/11/2015	N	< 0.0200 U	--	**0.164**	--	--	**0.0234**	< 0.200 U	--	**0.0121 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**376**	**1,570**
	5/16/2016	N	**0.0322**	--	**0.189**	--	**0.174**	--	--	--	--	--	--	--	--	--	--	--	**435**	**1,660**
	5/5/2017	N	**0.0093**	--	**0.197**	--	**0.203**	--	**0.0462**	--	**0.00232**	--	--	--	--	--	--	--	**408**	**1,630**
	9/21/2017	N	**0.0104**	--	**0.210 J**	--	--	**0.174**	**0.0310 J**	--	**0.0024**	--	--	--	--	--	--	--	**377**	**1,680**
	3/29/2018	N	--	**0.00948**	--	**0.206**	--	**0.184**	< 0.1	--	--	**0.00242**	--	--	--	--	--	--	**390**	**1,520**
	9/12/2018	N	**0.0103**	--	**0.206**	--	**0.167**	--	--	< 0.100 U	**0.00121 J**	--	--	--	--	--	--	--	**403**	**1,600**
	8/30/2001	N	--	--	< 0.05 U	--	--	**0.13**	< 0.1 U	< 0.1 U	--	--	--	--	--	--	--	--	**6,000**	**11,900**
	1/29/2002	N	--	--	< 0.05 U	--	**0.021**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**5,400**	**11,700**
	9/5/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**5,100**	--
	12/18/2002	N	--	--	--	--	**0.014**	--	--	--	--	--	--	--	--	--	--	--	**4,800**	--
	3/12/2003	N	--	--	--	--	**0.013**	--	--	--	--	--	--	--	--	--	--	--	**3,600**	--
	5/28/2003	N	--	--	--	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**3,900**	--
	1/20/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	6/15/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**660**	--
	12/9/2004	N	--	--	**0.08**	--	**0.053**	--	--	--	--	--	--	--	--	--	--	--	**4,700**	--

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Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW042A	6/3/2005	N		--	--	**0.07**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,930**	--
	1/19/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.89**	**0.0091**	**0.0091**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**5.3**	**80**
	6/22/2006	N		--	< 0.02 U	--	**0.156**	--	**0.14**	--	< 0.2 U	**0.0056**	**0.0056**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**3,730**	**8,440**
	6/22/2006	FD		--	< 0.02 U	--	**0.157**	--	**0.13**	--	< 0.2 U	**0.0057**	**0.0057**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**3,790**	**8,740**
	4/17/2007	N		--	< 0.02 U	--	**0.172**	--	**0.16**	--	< 0.2 U	**0.0135**	**0.0135**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**4,010**	--
	4/2/2008	N		--	< 0.02 U	--	**0.268**	--	**0.26**	--	< 0.2 U	**0.0094**	**0.0094**	**10**	**2.5**	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**3,520**	**7,040**
	3/31/2009	N		--	< 0.02 U	--	**0.351**	--	**0.31**	--	< 0.2 U	**0.0073**	**0.0073**	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.05 U	**2,990**	**7,200**
	3/8/2010	N		--	< 0.05 U	--	**0.46**	--	**0.478**	--	< 0.03 U	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.126**	< 0.05 U	**2,760**	**6,370**
	5/25/2012	N		< 0.0100 U	--	**0.0357**	--	--	**0.0329**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**479**	**1,070**
	5/22/2013	N		< 0.0200 U	--	**0.036**	--	--	**0.0315**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**427**	**1,270**
	5/22/2014	N		< 0.0200 U	--	**0.0348**	--	--	**0.0337**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**418**	**1,160**
MW042A	6/5/2015	N		< 0.0200 U	--	**0.00288 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**0.00331 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**73.5**	**312**
	5/9/2017	N		**0.00693 J**	--	**0.391**	--	**0.381**	--	**0.0624 J**	--	**0.0279**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**2,470**	**5,270**
MW043	4/25/2002	N		--	--	< 0.05 U	--	**0.013**	--	< 0.1 U	**0.5**	**0.05**	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**240**	**1,940**
	9/11/2002	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.25**	< 0.05 U	**130**	--
	9/12/2002	N		--	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/19/2002	N		--	--	--	--	**0.6**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.44**	< 0.05 U	**820**	--
	3/19/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**180**	--
	5/27/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**200**	--
	1/21/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	**0.07**	**100**	--
	6/22/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.27**	**0.05**	**80**	--
	12/28/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.79**	**0.062**	**220**	--
	5/27/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	**2**	< 6 U	**0.43**	**0.058**	**180**	--
	1/23/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**2.15**	**2.15**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**746**	**3,040**
	6/30/2006	N		--	**0.04**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0452**	**0.0452**	< 1 U	< 1 U	< 1 U	< 3 U	**0.2**	< 0.05 U	**170**	**1,160**
MW043	4/9/2007	N		--	**0.0468**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0894**	**0.0894**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**103**	--
	3/26/2008	N		--	**0.0345**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.188**	**0.188**	< 1 U	< 1 U	< 1 U	< 3 U	**0.87**	< 0.05 U	**212**	**1,250**
	3/24/2009	N		--	**0.022**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.311**	**0.311**	< 1 U	< 1 U	< 1 U	< 3 U	**0.93**	< 0.05 U	**240**	**1,410**
	3/3/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.264**	**0.358**	**0.358**	< 1 U	< 2 U	< 1 U	< 1 U	**0.501**	< 0.05 U	**280**	**1,690**
	5/23/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.569**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**193**	**1,140**
	5/13/2013	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.637**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**158**	**1,150**
	5/13/2014	N		**0.0146 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.955**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**401**	**1,600**
	5/11/2015	N		< 0.0200 U	--	**0.00100 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.56**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**287**	**1,370**
	5/19/2016	N		**0.0133**	--	**0.00709 J**	--	< 0.00548 U	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**1,230**	**2,800**
	5/9/2017	N		**0.00198 J**	--	**0.00207 J**	--	--	--	**1.31**	--	**0.549**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	**0.987 J**	**712**	**556**
	9/26/2017	N		**0.00427**	--	**0.00202 J**	--	--	--	**0.739 J**	--	**0.626**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**530 J**	**1,650**
	9/26/2017	FD		**0.00366**	--	**0.00214 J**	--	--	--	**1.28 J**	--	**0.653**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**679 J**	**1,780**
	4/3/2018	Reg		--	**0.00535**	--	**0.00110 J**	--	< 0.0100 U	**0.345**	--	--	**0.608 J**	< 2 U	< 2 U	< 2 U	**0.87 J**	< 1.50 U	< 1.50 U	**724**	**1,960**
	9/11/2018	Reg		**0.00508**	--	**0.000688 J**	--	< 0.0100 U	--	--	**0.152**	**0.545**	--	< 2 UJ	< 2 U	< 2 UJ	**3.47 J**	--	< 1.50 U	**610**	**1,620**
	9/11/2018	FD		**0.00524**	--	**0.000605 J**	--	< 0.0100 U	--	--	**0.156**	**0.553**	--	< 2 U	< 2 U	< 2 U	**3.19**	--	< 1.50 U	**641**	**1,670**
MW044	4/3/2002	N		--	--	**0.83**	--	**0.74**	--	< 0.1 U	**0.2**	**0.24**	**0.22**	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,110**	**3,260**
	9/18/2002	N		--	--	**1.09**	--	**0.81**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**680**	**3,500**
	1/2/2003	N		--	--	--	--	**0.16**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.42**	< 0.05 U	**790**	--
	3/17/2003	N		--	--	--	--	**1.1**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**990**	--
	6/4/2003	N		--	--	--	--	**0.474**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**810**	--
	1/19/2004	N		--	--	**0.03**	--	**0.034**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**460**	--
	6/24/2004	N		--	--	**0.1**	--	**0.16**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.41**	< 0.05 U	**420**	--
	1/5/2005	N		--	--	**0.72**	--	**0.67**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.72**	< 0.05 U	**860**	--
	6/9/2005	N		--	--	**0.41**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.61**	< 0.05 U	**880**	--
	2/2/2006	N		--	< 0.02 U	--	**0.242**	--	**0.16**	--	< 0.2 U	**0.283**	**0.283**	< 1 U	< 1 U	< 1 U	< 3 U	**0.67**	< 0.6 U	**695**	**2,310**
	7/21/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.251**	**0.251**	< 1 U	< 1 U	< 1 U	< 3 U	**2.7**	< 0.05 U	**540**	**1,670**
	4/6/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.217**	**0.288**	**0.288**	< 1 U	< 1 U	< 1 U	< 3 U	**3.1**	< 0.05 U	**430**	--
	4/9/2008	N		--	< 0.02 U	--	**0.13**	--	**0.11**	--	< 0.2 U	**0.548**	**0.548**	< 1 U	< 1 U	< 1 U	< 3 U	**1.1**	< 0.05 U	**448**	**1,900**
	3/25/2009	N		--	< 0.02 U	--	**0.108**	--	**0.084**	--	< 0.2 U	**0.393**	**0.393**	< 1 U	< 1 U	< 1 U	< 3 U	**2.4**	< 0.05 U	**505**	**1,700**
	3/25/2010	N		--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.117**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.215**	**0.067**	**127**	**1,300**
	5/13/2013	N		**0.00818 J**	--	< 0.0100 U	--	--	< 0.0100 U	**0.0456 J**	--	**0.0173 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**420**	**1,560**
	5/20/2014	N		< 0.0200 U	--	**0.00323 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.235**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**668**	**1,910**
	5/8/2015	N		**0.0110 J**	--	**0.0202**	--	--	**0.0421**	< 0.200 U	--	**0.103**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**472**	**1,410**
	5/19/2016	N		**0.0161**	--	**0.00182 J**	--	< 0.00548 U	--	--	--	--	--	< 0.408 U	< 1 U	**2.37**	< 0.642 U	< 0.987 U	< 0.987 U	**419**	**1,230**
	5/9/2017	N		**0.00578 J**	--	**0.0554**	--	--	--	**0.178**	--	**0.212**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**492 J**	**2,620**
	4/4/2018	Reg		--	**0.00843**	--	**0.00235 J**	--	< 0.0100 U	**0.471**	--	--	**0.077**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**346**	**1,430**
	4/4/2002	N		--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	**0.2**	**0.29**	**0.3**	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**430**	**1,920**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW045	9/12/2002	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	**2**	< 2 U	< 2 U	< 0.24 U	< 0.05 U	**550**	--
	12/19/2002	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**540**	--
	3/5/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**540**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**520**	--
	1/22/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.24 U	< 0.05 U	**510**	--
	7/27/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**450**	--
	1/12/2005	N	--	--	**0.31**	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**410**	--
	5/27/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	**3**	< 2 U	**4**	< 6 U	**0.32**	**0.1**	**330**	--
	1/27/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.332**	**0.332**	< 1 U	< 1 U	< 1 U	< 3 U	**1.3**	< 0.6 U	**328**	**1,490**
	7/12/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.305**	**0.305**	< 1 U	< 1 U	**1.6**	**4.2**	**2.8**	**0.11**	**373**	**1,650**
	7/12/2006	FD	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.312**	**0.312**	< 1 U	< 1 U	**1.8**	**4.6**	**2.6**	**0.11**	**371**	**1,730**
	4/2/2007	N	--	< 0.02 U	--	< 0.015 U	--	--	--	< 0.2 U	**0.333**	**0.333**	< 1 U	< 1 U	< 1 U	< 3 U	**2.8**	--	**376**	--
	4/17/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.227**	**0.227**	< 1 U	< 1 U	< 1 U	< 3 U	**2.4**	**0.17**	**340**	--
	4/2/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.248**	**0.312**	**0.312**	**6.8**	**2.1**	**1.2**	**3**	**3.3**	**0.19**	**351**	**1,520**
	3/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.83**	**0.354**	**0.354**	< 1 U	< 1 U	< 1 U	< 3 U	**3.2**	**0.16**	**256**	**1,220**
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.05 U	--	**0.207**	**0.316**	**0.316**	**1.3**	< 2 U	**5.7**	**20.8**	**1.63**	**0.189**	**148**	**1,280**
	5/23/2012	N	< 0.0100 UJ	--	**0.0118**	--	--	< 0.0100 U	< 0.200 U	--	**0.227**	--	< 1.00 U	< 2.00 U	**1.1**	< 1.00 U	--	--	**149**	**1,210**
	5/22/2013	N	< 0.0200 U	--	**0.0115**	--	--	< 0.0100 U	< 0.200 U	--	**0.248**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**134**	**1,190**
	5/22/2014	N	**0.00641 J**	--	**0.00701 J**	--	--	< 0.0500 U	**0.146 J**	--	**0.289**	--	**13.5 J**	< 2.00 U	**72.2**	**47.6**	--	--	**168 J**	**1,130**
	6/5/2015	N	< 0.0200 U	--	**0.00774 J**	--	--	**0.00650 J**	< 0.200 UJ	--	**0.267**	--	**6.09**	< 2.00 U	**3.72**	**11.9**	--	--	**168**	**1,500**
	5/20/2016	N	**0.00523 J**	--	**0.0174**	--	< 0.00548 U	--	--	--	--	--	**0.95 J**	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	**49.1**	**1,200**
	5/9/2017	N	< 0.01 U	--	**0.0197 J**	--	--	--	**0.0201 J**	--	**0.0579**	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	**79.8**	**1,450**
	9/26/2017	N	**0.00229**	--	**0.0195**	--	--	--	< 0.1 U	--	**0.0614**	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.997 J**	< 1.5 U	**76.7**	**1,430**
	4/5/2018	Reg	--	**0.00173 J**	--	**0.0126**	--	< 0.0100 U	< 0.100 U	--	--	**0.0634**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**69.3**	**1,120**
	4/5/2018	Reg	--	**0.00196 J**	--	**0.0139**	--	< 0.0100 U	< 0.100 U	--	--	**0.0618**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**70.2**	**1,370**
	4/5/2018	Reg	--	**0.00177 J**	--	**0.0142**	--	< 0.0100 U	< 0.100 U	--	--	**0.0604**	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	**69**	**1,370**
	9/11/2018	Reg	**0.00213 J**	--	**0.0131**	--	< 0.0100 U	--	--	< 0.100 U	**0.071**	--	< 2 U	< 2 U	< 2 U	< 2 U	--	< 1.50 U	**72.1**	**1,350**
MW046	4/4/2002	N	--	--	**0.06**	--	< 0.005 U	--	< 0.1 U	**0.1**	**0.52**	**0.52**	< 2 U	< 2 U	< 2 U	**20**	**0.77**	**0.194**	**210**	**1,640**
	9/19/2002	N	--	--	**0.07**	--	**0.069**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	**6**	**1**	**0.35**	**140**	--
	9/19/2002	FD	--	--	**0.07**	--	**0.052**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	**8**	**0.92**	**0.34**	**140**	--
	1/7/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**2**	**17**	< 2 U	**16**	**1.9**	**0.43**	**150**	--
	1/7/2003	FD	--	--	--	--	< 0.005 U	--	--	--	--	--	**3**	**16**	< 2 U	**18**	**0.66**	< 0.5 U	**160**	--
	3/20/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**5**	< 2 U	< 2 U	**27**	**1.2**	**0.45**	**140**	--
	3/20/2003	FD	--	--	--	--	< 0.005 U	--	--	--	--	--	**5**	< 2 U	< 2 U	**25**	**1.5**	**0.4**	**150**	--
	6/4/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	**6**	< 2 U	< 2 U	**12**	**1.3**	**0.3**	**120**	--
	6/4/2003	FD	--	--	--	--	< 0.005 U	--	--	--	--	--	**6**	< 2 U	< 2 U	**12**	**2.4**	**0.4**	**120**	--
	1/27/2004	N	--	--	**0.05**	--	< 0.005 U	--	--	--	--	--	**6**	< 2 U	**10**	**61**	**2.5**	**0.5**	**130**	--
	1/27/2004	FD	--	--	**0.05**	--	< 0.005 U	--	--	--	--	--	**4**	< 2 U	**7**	**44**	**2.5**	**0.45**	**130**	--
	7/27/2004	N	--	--	**0.03**	--	< 0.005 U	--	--	--	--	--	**2**	< 2 U	**7**	**18**	**2.8**	**0.31**	**140**	--
	1/12/2005	N	--	--	**0.02**	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**3.4**	**0.25**	**170**	--
	5/26/2005	N	--	--	**0.02**	--	--	--	--	--	--	--	**5**	**3**	**9**	**27**	**2.7**	**0.4**	**130**	--
	5/26/2005	FD	--	--	**0.02**	--	--	--	--	--	--	--	**9**	**3**	**10**	**27**	**2.6**	**0.41**	**120**	--
	1/26/2006	N	--	**0.043**	--	< 0.015 U	--	< 0.02 U	--	**2.34**	**1.22**	**1.22**	**2.5**	< 1 U	**3.5**	**11**	**6.2**	< 0.6 U	**296**	**1,220**
	7/12/2006	N	--	**0.0386**	--	< 0.015 U	--	< 0.02 U	--	**2.51**	**1.32**	**1.32**	**6**	**1.7**	**10**	**27**	**4.3**	**0.33**	**376**	**1,360**
	4/19/2007	N	--	**0.0427**	--	< 0.015 U	--	< 0.02 U	--	**3.1**	**1.71**	**1.71**	< 1 U	< 1 U	< 1 U	< 3 U	**3.3**	**0.4**	**550**	--
	4/17/2008	N	--	**0.0388**	--	< 0.015 U	--	< 0.02 U	--	**3.31**	**1.6**	**1.6**	**21**	**1.1**	**52**	**26**	**4.6**	**0.55**	**580**	**1,760**
	4/7/2009	N	--	**0.0325**	--	< 0.015 U	--	< 0.02 U	--	**2.76**	**1.81**	**1.81**	**22**	**1.4**	**55**	**89**	**5.2**	**0.65**	**551**	**1,700**
	3/12/2010	N	--	< 0.05 U	--	< 0.050 U	--	**0.016**	--	**0.136**	**1.35**	**1.35**	**30.8**	**1.8**	**74**	**61.6**	**2.6**	**1.19**	**534**	**1,840**
	5/23/2012	N	**0.0122 J**	--	< 0.0100 U	--	--	< 0.0100 U	**1.63**	--	**1.05**	--	**39.8**	< 2.00 U	**79.1**	**13.1**	--	--	**394**	**1,570**
	5/21/2013	N	**0.0234**	--	< 0.0100 U	--	--	< 0.100 U	< 0.200 UJ	--	**0.741**	--	**52**	< 2.00 U	**140**	**69.3**	--	--	**307**	**1,440**
	5/23/2014	N	**0.0247**	--	**0.00165 J**	--	--	**0.0100 J**	< 0.200 U	--	**0.568**	--	**69.2**	< 2.00 U	**117**	**25.4**	--	--	**177**	**1,290**
	6/4/2015	N	**0.027**	--	**0.00664 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**0.536**	--	**125**	< 2.00 U	**126**	**48.6**	--	--	**159**	**1,200**
	5/20/2016	N	**0.0312**	--	**0.00292 J**	--	< 0.00548 U	--	--	--	--	--	**42.3**	< 1 U	**25.1**	**22.1**	< 0.986 U	< 0.986 U	**138**	**1,450**
	5/9/2017	N	**0.0438**	--	**0.005 J**	--	--	--	**3.5**	--	**0.776**	--	**63**	< 2 U	**120**	**17.7**	**1.38 J**	**2.09**	**175**	**1,200**
	12/9/2002	N	--	< 0.05 U	**0.07**	--	**0.058**	--	--	--	--	--	< 2 U	**3**	< 2 U	< 2 U	< 0.5 U	**0.07**	**340**	**1,470**
	3/13/2003	N	--	--	--	--	**0.072**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**510**	--
	5/29/2003	N	--	--	--	--	**0.078**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.27**	**0.07**	**560**	--
	1/27/2004	N	--	--	**0.06**	--	**0.014**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**530**	--
	7/27/2004	N	--	--	**0.04**	--	**0.006**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.4**	< 0.05 U	**400**	--
	1/11/2005	N	--	--	**0.18**	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	**0.46**	< 0.05 U	**580**	--
	5/24/2005	N	--	--	**0.23**	--	--	--	--	--	--	--	**3**	< 2 U	< 2 U	< 6 U	**0.35**	< 0.05 U	**570**	--
	5/24/2005	FD	--	--	**0.22**	--	--	--	--	--	--	--	**2**	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**550**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW046A	1/26/2006	N	--	< 0.02 U	--	0.387	--	0.38	--	< 0.2 U	0.0539	0.0539	1.9	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	676	2,740
	7/12/2006	N	--	< 0.02 U	--	0.441	--	0.44	--	< 0.2 U	0.0339	0.0339	< 1 U	< 1 U	< 1 U	< 3 U	0.33	< 0.05 U	637	2,540
	4/17/2007	N	--	< 0.02 U	--	0.586	--	0.45	--	< 0.2 U	0.0257	0.0257	< 1 U	< 1 U	< 1 U	< 3 U	0.11	< 0.05 U	595	--
	4/2/2008	N	--	< 0.02 U	--	0.485	--	0.48	--	< 0.2 U	0.0159	0.0159	8.7	2.4	< 1 U	< 3 U	0.097	< 0.05 U	676	2,330
	3/31/2009	N	--	< 0.02 U	--	0.591	--	0.56	--	< 0.2 U	0.0167	0.0167	< 1 U	< 1 U	< 1 U	< 3 U	0.28	< 0.05 U	568	2,590
	3/8/2010	N	--	< 0.05 U	--	0.784	--	0.747	--	0.067	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	0.138	< 0.05 U	468	2,280
	5/23/2012	N	< 0.0100 UJ	--	0.0634	--	--	0.0571	< 0.200 U	--	< 0.0200 U	--	1.13	< 2.00 U	2.77	< 1.00 U	--	--	337	1,420
	5/22/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	0.0573	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	323	1,460
	5/22/2014	N	0.00714 J	--	0.0627	--	--	0.0585	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	333	1,430
	5/22/2014	FD	< 0.0200 U	--	0.0612	--	--	0.058	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	334 J	1,400
	6/4/2015	N	0.00810 J	--	0.0562	--	--	0.0534	< 0.200 UJ	--	0.00937 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	372	1,330
	5/20/2016	N	0.011	--	1.72	--	1.64	--	--	--	--	--	< 0.408 U	< 1 U	< 0.657 U	< 0.642 U	< 0.987 U	< 0.987 U	575	3,370
	5/9/2017	N	0.0103	--	1.69	--	--	--	0.105	--	0.0253	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	704	3,100
	9/26/2017	N	0.0113	--	1.84	--	--	--	0.0416 J	--	0.00285	--	< 2 U	< 2 U	< 2 U	< 2 U	< 1.5 U	< 1.5 U	639	3,040
	4/4/2018	N	--	0.01	--	1.74	--	1.57	< 0.100 U	--	--	0.0028	< 2 U	< 2 U	< 2 U	< 2 U	< 1.50 U	< 1.50 U	704	2,370
	9/11/2018	N	0.0106	--	1.77	--	1.67	--	--	< 0.100 U	0.00129 J	--	< 2 U	< 2 U	< 2 U	< 2 U	--	< 1.50 U	704	2,980
MW047	4/4/2002	N	--	--	0.42	--	0.27	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	440	2,000
	9/17/2002	N	--	--	0.5	--	0.33	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	460	--
	1/2/2003	N	--	--	--	--	0.19	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	580	--
	3/17/2003	N	--	--	--	--	0.23	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	420	--
	6/2/2003	N	--	--	--	--	0.211	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.24 U	< 0.05 U	480	--
	1/20/2004	N	--	--	0.03	--	0.061	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.27 U	< 0.05 U	290	--
	6/24/2004	N	--	--	0.07	--	0.045	--	--	--	--	--	--	--	--	--	--	--	230	--
	1/5/2005	N	--	--	0.21	--	0.17	--	--	--	--	--	--	--	--	--	--	--	460	--
	6/6/2005	N	--	--	0.19	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	510	--
	1/25/2006	N	--	< 0.02 U	--	0.0854	--	0.077	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	356	1,700
	7/7/2006	N	--	< 0.02 U	--	0.0573	--	0.043	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	232	1,430
	4/16/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	4/17/2007	N	--	--	--	0.0511	--	0.03	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	206	--
	4/3/2008	N	--	< 0.02 U	--	0.107	--	0.11	--	< 0.2 U	< 0.005 U	< 0.005 U	4.1	1.3	< 1 U	< 3 U	< 0.097 U	< 0.05 U	212	1,190
	3/16/2010	N	--	< 0.05 U	--	0.141	--	0.015	--	0.039	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	0.145	< 0.05 U	340	2,630
	5/23/2012	N	< 0.0100 UJ	--	0.145	--	--	0.142	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	620	2,260
	5/20/2013	N	< 0.0200 U	--	0.0487	--	--	0.0433	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	248	1,770
	5/27/2014	N	0.00563 J	--	0.0518	--	--	0.0441	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	285	1,730
	6/1/2015	N	0.0188 J	--	0.0641	--	--	0.0556	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	244	1,520
	6/1/2015	FD	0.0115 J	--	0.0646	--	--	0.0568	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	269	2,020
	5/20/2016	N	0.0146	--	0.129	--	0.109	--	--	--	--	--	--	--	--	--	--	--	493	2,690
	5/20/2016	FD	0.0115	--	0.129	--	0.1 K	--	--	--	--	--	--	--	--	--	--	--	499	2,770
	5/10/2017	N	0.00901	--	0.107	--	--	--	0.0041 J	--	< 0.002 U	--	--	--	--	--	--	--	498	2,440
	9/22/2017	N	0.0105	--	0.129	--	--	--	< 0.1 U	--	< 0.002 U	--	--	--	--	--	--	--	446	2,550
	4/4/2018	Reg	--	0.0107	--	0.0896	--	0.0746	< 0.100 U	--	--	0.000787 J	--	--	--	--	--	--	388	2,050
	9/14/2018	Reg	0.012	--	0.06	--	0.0507	--	--	< 0.100 U	< 0.00200 U	--	--	--	--	--	--	--	276	1,950
MW048SA	8/1/2002	N	--	< 0.01 U	0.16	0.16	0.156	--	--	--	--	--	< 2 U	4	< 2 U	< 2 U	< 0.28 U	< 0.05 U	490	1,690
	9/16/2002	N	--	--	0.17	--	0.12	--	--	--	--	--	< 2 U	3	< 2 U	< 2 U	--	--	430	--
	12/4/2002	N	--	--	0.18	--	0.16	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	1.5	< 0.05 U	430	--
	3/17/2003	N	--	--	--	--	0.11	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	450	--
	6/2/2003	N	--	--	--	--	0.147	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.23 U	< 0.05 U	470	--
	12/17/2003	N	--	--	0.16	--	0.085	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.26 U	< 0.05 U	400	--
	6/29/2004	N	--	--	0.18	--	0.13	--	--	--	--	--	--	--	--	--	--	--	470	--
	1/6/2005	N	--	--	0.18	--	0.22	--	--	--	--	--	--	--	--	--	--	--	480	--
	6/7/2005	N	--	--	0.16	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	540	--
	6/7/2005	FD	--	--	0.15	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	620	--
	1/25/2006	N	--	< 0.02 U	--	0.171	--	0.17	--	1.16	0.0173	0.0173	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	437	1,430
	7/11/2006	N	--	< 0.02 U	--	0.176	--	0.17	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	586	1,900
	4/10/2007	N	--	< 0.02 U	--	0.228	--	0.21	--	< 0.295 U	0.0072	0.0072	< 1 U	< 1 U	< 1 U	< 3 U	--	< 0.05 U	453	--
	9/20/2007	N	--	0.0207	--	0.253	--	0.23	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	464	--
	4/1/2008	N	--	< 0.02 U	--	0.272	--	0.26	--	0.264	< 0.005 U	< 0.005 U	6.9	1.9	< 1 U	< 3 U	< 0.099 U	< 0.05 U	497	1,640
	8/20/2008	N	--	< 0.02 U	--	0.305	--	0.32	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	510	1,720
	3/26/2009	N	--	< 0.02 U	--	0.294	--	0.3	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	589	1,740
	8/12/2009	N	--	< 0.02 U	--	0.31	--	0.32	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	492	1,740
	3/5/2010	N	--	0.053	--	0.345	--	0.348	--	0.115	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	510	2,060
	8/9/2010	N	--	0.011	--	0.3	--	0.339	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.053 U	< 0.05 U	485	1,880

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	5/16/2012	N		< 0.0100 U	--	**0.414**	--	--	**0.41**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**616 J**	**2,250**
	11/8/2012	N		--	< 0.0100 U	--	**0.455**	--	**0.449**	--	**0.34**	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**610**	**2,070**
	11/8/2012	FD		--	< 0.0100 U	--	**0.44**	--	**0.451**	--	**0.289**	**0.0209 J**	**0.0209 J**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**624**	**1,980**
	5/8/2013	N		< 0.0200 UJ	--	**0.458**	--	--	**0.464**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**613**	**2,370**
	11/4/2013	N		**0.0117 J**	--	**0.475**	--	--	**0.47**	< 0.200 U	--	**0.0322**	--	< 1.00 U	< 2.00 U	< 1.00 U	**6.78**	--	--	**545**	**2,390**
	5/15/2014	N		< 0.0200 UJ	--	**0.464**	--	--	**0.492**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**595**	**2,350**
	5/15/2014	FD		< 0.0200 UJ	--	**0.475**	--	--	**0.494**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**600**	**2,220**
	11/14/2014	N		**0.0162 J**	--	**0.492**	--	--	**0.469**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**560**	**2,500**
	5/12/2015	N		**0.0166 J**	--	**0.468**	--	--	**0.474**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**623**	**2,180**
	9/30/2015	N		--	--	--	**0.495**	--	**0.472**	--	**1.67**	**0.0418**	**0.0418**	--	--	--	--	--	< 1.40 U	**620**	**2,460**
	11/13/2015	N		< 0.0200 U	--	**0.433**	--	--	**0.476**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**601**	**2,210**
	5/16/2016	N		**0.0269**	--	**0.61**	--	**0.513**	--	--	--	--	--	--	--	--	--	--	--	**641**	**2,380**
	9/20/2016	N		< 0.00336 U	--	**0.579**	--	**0.516**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**658**	**2,560**
	9/20/2016	FD		< 0.00336 U	--	**0.581**	--	**0.518**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**669**	**2,620**
	5/5/2017	N		**0.00985**	--	**0.576**	--	--	--	**0.0411**	--	< 0.002 U	--	--	--	--	--	--	--	**647**	**2,220**
	5/5/2017	FD		**0.00976**	--	**0.54**	--	--	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**674**	**2,360**
	9/20/2017	N		**0.0111**	--	**0.559**	--	--	--	< 0.1 U	--	**0.000794 J**	--	--	--	--	--	--	--	**667**	**2,370**
	3/23/2018	Reg		--	**0.0117**	--	**0.457**	--	**0.453**	< 0.1	--	--	**0.000252 J**	--	--	--	--	--	--	**643**	**2,110**
	9/12/2018	Reg		**0.0119**	--	**0.453**	--	**0.404**	--	--	**0.136**	**0.000896 J**	--	--	--	--	--	--	--	**583**	**1,960**
	7/30/2002	N		--	< 0.01 U	**0.15**	**0.05**	**0.049**	--	--	--	--	--	< 2 U	**880**	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**3,200**	**6,940**
	9/16/2002	N		--	--	**0.06**	--	**0.056**	--	--	--	--	--	< 2 U	**2**	< 2 U	< 2 U	--	--	**2,900**	--
MW049SA	12/4/2002	N		--	--	**0.07**	--	**0.049**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**0.63**	< 0.05 U	**3,300**	--
	3/13/2003	N		--	--	--	--	**0.062**	--	--	--	--	--	--	--	--	--	--	--	**3,300**	--
	5/28/2003	N		--	--	--	--	**0.047**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.27 U	< 0.05 U	**3,200**	--
	12/17/2003	N		--	--	**0.13**	--	**0.099**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.24 U	< 0.05 U	**1,860**	--
	6/29/2004	N		--	--	**0.06**	--	**0.043**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**3,100**	--
	1/6/2005	N		--	--	**0.07**	--	**0.065**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**3,200**	--
	6/6/2005	N		--	--	**0.06**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**2,700**	--
	1/25/2006	N		--	< 0.02 U	--	**0.0624**	--	**0.06**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**2,770**	**5,860**
	7/11/2006	N		--	< 0.02 U	--	**0.0701**	--	**0.061**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.17**	< 0.05 U	**2,480**	**5,790**
	4/10/2007	N		--	< 0.02 U	--	**0.0823**	--	**0.078**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**2,320**	--
	4/8/2008	N		--	< 0.02 U	--	**0.0953**	--	**0.094**	--	**0.303**	**0.0071**	**0.0071**	**2.3**	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**2,260**	**4,320**
	3/26/2009	N		--	< 0.02 U	--	**0.103**	--	**0.11**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**2,210**	**2,210**
MW049SA	3/5/2010	N		--	< 0.05 U	--	**0.11**	--	**0.128**	--	**0.229**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.076**	< 0.05 U	**1,840**	**4,570**
	5/17/2012	N		< 0.0100 UJ	--	**0.124**	--	--	**0.127**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1800 J**	**4,480**
	5/8/2013	N		< 0.0200 UJ	--	**0.127**	--	--	**0.133**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,410**	**3,620**
	5/15/2014	N		< 0.0200 UJ	--	**0.126**	--	--	**0.14**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,320**	**3,360**
	5/12/2015	N		**0.0155 J**	--	**0.15**	--	--	**0.151**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,390**	**3,330**
	9/30/2015	N		--	--	--	**0.147**	--	**0.157**	--	**0.127 J**	< 0.0200 U	< 0.0200 U	--	--	--	--	--	< 1.40 U	**1,270**	**3,240**
	5/16/2016	N		**0.0524**	--	**0.207**	--	**0.199**	--	--	--	--	--	--	--	--	--	--	--	**1,780**	**3,750**
	5/5/2017	N		**0.00926**	--	**0.185**	--	--	--	**0.0205**	--	< 0.002 U	--	--	--	--	--	--	--	**1,560**	**3,700**
	9/20/2017	N		**0.0107**	--	**0.196**	--	--	--	< 0.1 U	--	**0.000498 J**	--	--	--	--	--	--	--	**1,640**	**3,880**
	3/23/2018	N		--	**0.0112**	--	**0.186**	--	**0.193**	< 0.1	--	--	**0.000274 J**	--	--	--	--	--	--	**1,530**	**3,880**
	9/12/2018	N		**0.0116**	--	**0.188**	--	**0.171**	--	--	< 0.100 U	**0.000414 J**	--	--	--	--	--	--	--	**1,300**	**2,960**
	7/30/2002	N		--	< 0.01 U	**0.05**	**0.16**	**0.145**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.26 U	< 0.05 U	**1,600**	**4,190**
	9/10/2002	N		--	--	**0.13**	--	**0.09**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	--	--	**1,160**	--
	12/5/2002	N		--	--	**0.07**	--	**0.073**	--	--	--	--	--	--	--	--	--	--	--	**850**	--
	3/12/2003	N		--	--	--	--	**0.11**	--	--	--	--	--	--	--	--	--	--	--	**1,190**	--
	6/2/2003	N		--	--	--	--	**0.218**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	12/17/2003	N		--	--	**0.12**	--	**0.061**	--	--	--	--	--	--	--	--	--	--	--	**1,010**	--
	6/24/2004	N		--	--	**0.04**	--	**0.023**	--	--	--	--	--	--	--	--	--	--	--	**1,470**	--
	1/5/2005	N		--	--	**0.2**	--	**0.15**	--	--	--	--	--	--	--	--	--	--	--	**1,080**	--
	6/8/2005	N		--	--	**0.18**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,320**	--
	1/25/2006	N		--	< 0.02 U	--	**0.187**	--	**0.19**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,210**	**3,220**
	7/10/2006	N		--	< 0.02 U	--	**0.215**	--	**0.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.69**	< 0.05 U	**1,500**	**4,470**
	4/9/2007	N		--	< 0.02 U	--	**0.285**	--	**0.22**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.28**	< 0.05 U	**1,230**	--
MW050SA	4/1/2008	N		--	< 0.02 U	--	**0.27**	--	**0.22**	--	< 0.2 U	**0.0072**	**0.0072**	**17**	**4.1**	**1.5**	< 3 U	**0.56**	**0.052**	**1,500**	**3,810**
	3/25/2009	N		--	< 0.02 U	--	**0.262**	--	**0.24**	--	< 0.2 U	**0.0057**	**0.0057**	< 1 U	< 1 U	< 1 U	< 3 U	**0.74**	< 0.05 U	**1,260**	**4,130**
	3/4/2010	N		--	< 0.05 U	--	**0.232**	--	**0.25**	--	**0.144**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.43**	< 0.05 U	**1,210**	**3,730**
	5/17/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1030 J**	**2,950**
	5/8/2013	N		< 0.0200 UJ	--	**0.197**	--	--	**0.198**	< 0.200 U	--	**0.0153 J**	--	**2**	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,300**	**3,640**
	5/16/2014	N		**0.0177 J**	--	**0.295**	--	--	**0.246**	**0.0295 J**	--	**0.0255**	--	**2.1**	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,360**	**4,030**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/11/2015	N	< 0.0200 U	--	**0.00339 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0198 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**809**	**2,230**
	10/2/2015	N	--	--	--	**0.351**	--	**0.335 R**	--	< 0.200 U	**0.0108 J**	**0.0108 J**	--	--	--	--	--	< 1.40 U	**1,540**	**4,430**
	5/18/2016	N	**0.0172**	--	**0.31**	--	**0.311**	--	--	--	--	--	--	--	--	--	--	--	**1,340**	**3,690**
	5/10/2017	N	**0.0081**	--	**0.309**	--	--	--	**0.00504 J**	--	**0.0209**	--	--	--	--	--	--	--	**1,260**	**3,560**
	9/21/2017	N	**0.00926**	--	**0.409 J**	--	--	**0.346**	< 0.100 U	--	**0.0166**	--	--	--	--	--	--	--	**533**	**3,960**
	4/3/2018	Reg	--	**0.0086**	--	**0.287**	--	**0.196**	< 0.100 U	--	--	**0.0173**	--	--	--	--	--	--	**1,470**	**3,480**
	4/3/2018	FD	--	**0.00887**	--	**0.272**	--	**0.184**	< 0.100 U	--	--	**0.0164**	--	--	--	--	--	--	**1,440**	**3,500**
	9/12/2018	Reg	**0.00822**	--	**0.442**	--	**0.405**	--	--	< 0.100 U	**0.0204**	--	--	--	--	--	--	--	**1,510**	**3,580**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW051SA	10/10/2002	N	--	< 0.05 U	**0.64**	--	**0.36**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,300**	**3,840**
	12/3/2002	N	--	--	**0.53**	--	**0.44**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	3/19/2003	N	--	--	--	--	**0.49**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	6/3/2003	N	--	--	--	--	**0.63**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	12/17/2003	N	--	--	**0.78**	--	**0.34**	--	--	--	--	--	--	--	--	--	--	--	**1,400**	--
	7/1/2004	N	--	--	**0.73**	--	**0.39**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,220**	--
	1/11/2005	N	--	--	**0.7**	--	**0.56**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,530**	--
	6/7/2005	N	--	--	**0.67**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,420**	--
	1/26/2006	N	--	< 0.02 U	--	**0.694**	--	**0.66**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,490**	**4,200**
	7/11/2006	N	--	< 0.02 U	--	**0.688**	--	**0.69**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**1,630**	**4,270**
	4/17/2007	N	--	< 0.02 U	--	**0.895**	--	**0.68**	--	**0.272**	**0.007**	**0.007**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,540**	--
	4/9/2008	N	--	< 0.02 U	--	**0.654**	--	**0.63**	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.3**	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,370**	**3,710**
	4/2/2009	N	--	< 0.02 U	--	**0.721**	--	**0.7**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**2.3**	< 3 U	**0.21**	< 0.05 U	**1,240**	**4,140**
	3/4/2010	N	--	< 0.05 U	--	**0.767**	--	**0.78**	--	**0.115**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.145**	< 0.05 U	**1,250**	**3,870**
	5/16/2012	N	< 0.0100 U	--	**0.783**	--	--	**0.791**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1260 J**	**3,970**
	5/16/2012	FD	< 0.0100 U	--	**0.781**	--	--	**0.813**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1,250**	**4,180**
	5/8/2013	N	< 0.0200 UJ	--	**0.759**	--	--	**0.743**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,060**	**3,540**
	5/8/2013	FD	< 0.0200 UJ	--	**0.75**	--	--	**0.772**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**966**	**3,530**
	5/15/2014	N	< 0.0200 UJ	--	**0.735**	--	--	**0.753**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,090**	**3,530**
	5/11/2015	N	**0.0107 J**	--	**0.62**	--	--	**0.644**	< 0.200 U	--	**0.00676 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**917**	**3,140**
	9/30/2015	N	--	--	--	**0.819**	--	**0.813**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	--	--	--	--	--	< 1.41 U	**1,060**	**3,670**
	5/18/2016	N	**0.0263**	--	**0.764**	--	**0.837**	--	--	--	--	--	--	--	--	--	--	--	**1,050**	**3,810**
	5/10/2017	N	**0.0114**	--	**0.818**	--	--	--	**0.00232 J**	--	**0.000337 J**	--	--	--	--	--	--	--	**1,210**	**3,390**
	9/20/2017	N	**0.0119**	--	**0.793**	--	--	--	< 0.1 U	--	**0.000608 J**	--	--	--	--	--	--	--	**1,120**	**3,620**
	4/3/2018	Reg	--	**0.012**	--	**0.788**	--	**0.691**	< 0.100 U	--	--	**0.000993 J**	--	--	--	--	--	--	**1,360**	**3,320**
	9/12/2018	Reg	**0.0116**	--	**0.799**	--	**0.668**	--	--	< 0.100 U	**0.00236**	--	--	--	--	--	--	--	**1,120**	**3,300**
MW052SA	10/10/2002	N	--	< 0.05 U	**0.4**	--	**0.23**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,300**	**3,400**
	12/3/2002	N	--	--	**0.33**	--	**0.25**	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--
	3/18/2003	N	--	--	--	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	6/2/2003	N	--	--	--	--	**0.326**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	12/18/2003	N	--	--	**0.42**	--	**0.3**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	7/1/2004	N	--	--	**0.37**	--	**0.32**	--	--	--	--	--	--	--	--	--	--	--	**1,510**	--
	1/11/2005	N	--	--	**0.4**	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	**1,600**	--
	6/1/2005	N	--	--	**0.38**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,560**	--
	1/26/2006	N	--	< 0.02 U	--	**0.4**	--	**0.39**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**2,440**	**4,280**
	7/11/2006	N	--	< 0.02 U	--	**0.373**	--	**0.36**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**1,590**	**4,240**
	7/11/2006	FD	--	< 0.02 U	--	**0.372**	--	**0.36**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**1,580**	**4,140**
	4/10/2007	N	--	< 0.02 U	--	**0.378**	--	**0.36**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**1,600**	--
	4/8/2008	N	--	< 0.02 U	--	**0.376**	--	**0.3**	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.4**	< 1 U	< 1 U	< 3 U	**0.26**	< 0.05 U	**1,690**	**4,110**
	3/26/2009	N	--	< 0.02 U	--	**0.34**	--	**0.35**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1,980**	**4,210**
	3/5/2010	N	--	< 0.05 U	--	**0.393**	--	**0.39**	--	**0.096**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.054**	< 0.05 U	**1,530**	**4,690**
	5/16/2012	N	< 0.0100 U	--	**0.272**	--	--	**0.265**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1300 J**	**4,600**
	5/8/2013	N	< 0.0200 U	--	**0.254**	--	--	**0.255**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,410**	**3,650**
	5/15/2014	N	< 0.0200 UJ	--	**0.231**	--	--	**0.24**	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,390**	**3,840**
	5/12/2015	N	**0.0209**	--	**0.223**	--	--	**0.229**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,430**	**3,820**
	9/30/2015	N	--	--	--	**0.235**	--	**0.212**	--	**2.36**	**0.048**	**0.048**	--	--	--	--	--	< 1.41 U	**1,360**	**3,710**
	5/16/2016	N	**0.0162**	--	**0.227**	--	**0.207**	--	--	--	--	--	--	--	--	--	--	--	**1,390**	**3,460**
	5/10/2017	N	**0.0116**	--	**0.207**	--	--	--	**0.00339 J**	--	**0.000376 J**	--	--	--	--	--	--	--	**1,450**	**3,150**
	9/20/2017	N	**0.0137**	--	**0.239**	--	--	--	**0.246**	--	**0.00892**	--	--	--	--	--	--	--	**1,630**	**3,720**
	3/23/2018	Reg	--	**0.0135**	--	**0.222**	--	**0.225**	< 0.1	--	--	**0.000710 J**	--	--	--	--	--	--	**1,360**	**3,020**
	9/12/2018	Reg	**0.0131**	--	**0.242**	--	**0.222**	--	--	< 0.100 U	**0.000660 J**	--	--	--	--	--	--	--	**1,400**	**3,020**
MW053SA	9/18/2002	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**300**	**1,250**
	12/2/2002	N	--	--	< 0.05 U	--	**0.017**	--	--	--	--	--	--	--	--	--	--	--	**380**	--
	3/12/2003	N	--	--	--	--	**0.14**	--	--	--	--	--	--	--	--	--	--	--	**440**	--
	5/21/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**530**	--
	12/18/2003	N	--	--	< 0.05 U	--	**0.36**	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	2/18/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--
	3/4/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--
	7/7/2004	N	--	--	< 0.05 U	--	**0.014**	--	--	--	--	--	--	--	--	--	--	--	**200**	--
	1/11/2005	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**280**	--
	6/1/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**230**	--
	6/1/2005	FD	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**240**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	1/26/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	266	1,110
	7/11/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	249	1,050
	4/5/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	228	--
	9/20/2007	N	--	0.0201	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	193	--
	3/26/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	161	816
	3/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.0073	0.0073	3.5	1.5	< 1 U	< 3 U	< 0.096 U	< 0.05 U	194	938
	8/20/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	205	944
	8/10/2010	N	--	0.019	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	0.058	< 0.05 U	241	998
	5/16/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	269 J	1,210
	11/9/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	314	1,090
MW053SA	5/8/2013	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	308	1,240
	11/4/2013	N	0.0127 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	1.13	< 2.00 U	< 1.00 U	7.66	--	--	314	1,320
	5/15/2014	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	351	1,280
	11/14/2014	N	0.0167 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	310	1,330
	5/13/2015	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	407	1,450
	9/30/2015	N	--	--	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	--	--	--	--	--	< 1.40 U	428	1,420
	11/13/2015	N	0.00576 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	434	2,510
	1/27/2003	N	--	< 0.05 U	0.2	--	0.19	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	1,030	2,750
	3/19/2003	N	--	--	--	--	0.065	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	670	--
	5/21/2003	N	--	--	--	--	0.108	--	--	--	--	--	--	--	--	--	--	--	1,040	--
	12/16/2003	N	--	--	0.29	--	0.24	--	--	--	--	--	--	--	--	--	--	--	990	--
	2/17/2004	N	--	--	0.26	--	0.31	--	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--
	6/30/2004	N	--	--	0.17	--	0.12	--	--	--	--	--	--	--	--	--	--	--	940	--
	1/10/2005	N	--	--	0.2	--	0.27	--	--	--	--	--	--	--	--	--	--	--	1,000	--
	6/7/2005	N	--	--	0.25	--	--	--	--	--	--	--	--	--	--	--	--	--	900	--
	1/26/2006	N	--	< 0.02 U	--	0.262	--	0.27	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	838	2,260
	7/11/2006	N	--	< 0.02 U	--	0.148	--	0.15	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	807	2,150
	4/10/2007	N	--	< 0.02 U	--	0.145	--	0.14	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	868	--
	9/20/2007	N	--	0.0217	--	0.138	--	0.12	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	844	--
	4/8/2008	N	--	< 0.02 U	--	0.121	--	0.11	--	< 0.2 U	< 0.005 U	< 0.005 U	1.3	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	925	6,010
	8/20/2008	N	--	< 0.02 U	--	0.121	--	0.13	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	1.1	< 3 U	< 0.1 U	< 0.05 U	985	2,170
	3/26/2009	N	--	< 0.02 U	--	0.111	--	0.11	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	978	2,360
	8/10/2009	N	--	< 0.02 U	--	0.107	--	0.1	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	0.11	< 0.05 U	834	2,350
	3/5/2010	N	--	< 0.05 U	--	0.122	--	0.12	--	0.091	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	0.088	< 0.05 U	858	2,640
	8/9/2010	N	--	0.013	--	0.106	--	0.143	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	0.052	< 0.05 U	764	2,410
MW054SA	5/16/2012	N	< 0.0100 U	--	0.148	--	--	0.144	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	803 J	2,340
	11/7/2012	N	--	< 0.0100 U	--	0.153	--	0.148	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	814	2,400
	11/7/2012	FD	--	< 0.0100 U	--	0.154	--	0.149	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	816	1,860
	5/8/2013	N	< 0.0200 UJ	--	0.143	--	--	0.145	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	752	2,360
	11/4/2013	N	0.0107 J	--	0.143	--	--	0.142	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	3.84	--	--	726	2,540
	5/15/2014	N	< 0.0200 UJ	--	0.148	--	--	0.148	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	855	2,330
	11/14/2014	N	0.0199 J	--	0.149	--	--	0.141	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	773	2,900
	11/14/2014	FD	0.0170 J	--	0.146	--	--	0.142	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	755	2,870
	5/12/2015	N	0.0162 J	--	0.142	--	--	0.143	< 0.200 U	--	0.00393 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	803	2,260
	11/13/2015	N	< 0.0200 U	--	0.126	--	--	0.139	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	798	2,230
	5/17/2016	N	0.0205	--	0.134	--	0.123	--	--	--	--	--	--	--	--	--	--	--	778	2,230
	5/17/2016	FD	0.013	--	0.137	--	0.124	--	--	--	--	--	--	--	--	--	--	--	756	1,160
	9/20/2016	N	< 0.00336 U	--	0.14	--	0.108	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	761	2,290
	5/10/2017	N	0.00952	--	0.122	--	--	--	0.0113 J	--	0.00035 J	--	--	--	--	--	--	--	826	1,990
	9/20/2017	N	0.0108	--	0.132	--	--	--	< 0.1 U	--	0.000414 J	--	--	--	--	--	--	--	866	2,190
	9/20/2017	FD	0.0103	--	0.128	--	--	--	< 0.1 U	--	0.000392 J	--	--	--	--	--	--	--	863	2,380
	3/23/2018	N	--	0.011	--	0.125	--	0.12	< 0.1	--	--	< 0.00200 U	--	--	--	--	--	--	777	2,200
	9/12/2018	N	0.0107	--	0.131	--	0.115	--	--	0.103	0.00315	--	--	--	--	--	--	--	800	1,970
	9/12/2018	FD	0.0108	--	0.129	--	0.118	--	--	0.0672 J	0.00235	--	--	--	--	--	--	--	801	1,970
	1/6/2003	N	--	< 0.05 U	0.17	--	0.15	--	--	--	--	--	< 2 U	3	< 2 U	< 2 U	< 0.25 U	< 0.05 U	610	1,680
	3/19/2003	N	--	--	--	--	0.074	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	550	--
	5/21/2003	N	--	--	--	--	0.114	--	--	--	--	--	--	--	--	--	--	--	820	--
	12/16/2003	N	--	--	0.17	--	0.13	--	--	--	--	--	--	--	--	--	--	--	550	--
	3/10/2004	N	--	< 0.05 U	0.14	0.13	0.15	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	600	--
	6/29/2004	N	--	--	0.18	--	0.13	--	--	--	--	--	--	--	--	--	--	--	610	--
	1/6/2005	N	--	--	0.19	--	0.22	--	--	--	--	--	--	--	--	--	--	--	610	--
MW055SA	6/7/2005	N	--	--	0.18	--	--	--	--	--	--	--	--	--	--	--	--	--	600	--

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Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	1/25/2006	N	--	< 0.02 U	--	**0.213**	--	**0.21**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**705**	**1,730**
	6/28/2006	N	--	< 0.02 U	--	**0.145**	--	**0.15**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.9**	**3.8**	**3.2**	< 0.097 U	< 0.05 U	**113**	**1,310**
	6/28/2006	FD	--	< 0.02 U	--	**0.151**	--	**0.15**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**4.5**	**4.3**	**3.6**	< 0.097 U	< 0.05 U	**560**	**1,440**
	4/10/2007	N	--	< 0.02 U	--	**0.202**	--	**0.19**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**593**	--
	9/20/2007	N	--	< 0.02 U	--	**0.227**	--	**0.19**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**576**	--
	4/9/2008	N	--	< 0.02 U	--	**0.23**	--	**0.22**	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.6**	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**589**	**1,610**
	8/19/2008	N	--	< 0.02 U	--	**0.224**	--	**0.22**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**582**	**1,810**
	3/26/2009	N	--	< 0.02 U	--	**0.228**	--	**0.25**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**719**	**1,810**
	8/12/2009	N	--	< 0.02 U	--	**0.243**	--	**0.25**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**589**	**1,830**
	3/4/2010	N	--	< 0.05 U	--	**0.252**	--	**0.274**	--	**0.147**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**634**	**2,070**
	8/9/2010	N	--	**0.01**	--	**0.22**	--	**0.25**	--	**0.121**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.077**	< 0.05 U	**531**	**1,900**
	5/16/2012	N	< 0.0100 U	--	**0.166**	--	--	**0.165**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**614 J**	**2,200**
	5/16/2012	FD	< 0.0100 U	--	**0.179**	--	--	**0.165**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**611 J**	**2,220**
	11/7/2012	N	--	< 0.0100 U	--	**0.165**	--	**0.161**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**620**	**1,690**
	11/7/2012	FD	--	< 0.0100 U	--	**0.166**	--	**0.161**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**613**	**1,930**
MW055SA	5/7/2013	N	< 0.0200 U	--	**0.235**	--	--	**0.176**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**595**	**2,100**
	10/31/2013	N	< 0.0200 U	--	**0.149**	--	--	**0.160 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**565**	**1,920**
	5/14/2014	N	**0.0172 J**	--	**0.278**	--	--	**0.241**	< 0.200 U	--	**0.00419 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**602 J**	**2,480**
	11/12/2014	N	**0.0109 J**	--	**0.159**	--	--	**0.166**	< 0.200 U	--	**0.00502 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**557**	**2,010**
	5/14/2015	N	**0.0191 J**	--	**0.274**	--	--	**0.291**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**610**	**2,020**
	11/12/2015	N	**0.00673 J**	--	**0.161**	--	--	**0.162**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**580**	**1,910**
	5/18/2016	N	**0.008 J**	--	**0.192**	--	**0.202**	--	--	--	--	--	--	--	--	--	--	--	**541**	**2,020**
	9/19/2016	N	< 0.00336 U	--	**0.165**	--	**0.168**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**599**	**1,960**
	5/9/2017	N	**0.00647**	--	**0.159**	--	--	--	**0.00386 J**	--	**0.000225 J**	--	--	--	--	--	--	--	**613**	**1,800**
	9/20/2017	N	**0.00754**	--	**0.181**	--	--	--	< 0.1 U	--	**0.000399 J**	--	--	--	--	--	--	--	**650**	**1,920**
	3/22/2018	Reg	--	**0.00734**	--	**0.179**	--	**0.154**	< 0.1	--	--	**0.000368**	--	--	--	--	--	--	**620**	**1,650**
	9/12/2018	Reg	**0.00784**	--	**0.171**	--	**0.166**	--	--	< 0.100 U	**0.000439 J**	--	--	--	--	--	--	--	**622**	**1,660**
	1/7/2003	N	--	< 0.05 U	**0.32**	--	**0.17**	--	--	--	--	--	< 2 U	**16**	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,300**	**3,500**
	3/17/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**200**	--
	5/21/2003	N	--	--	--	--	**0.125**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	9/10/2003	N	--	--	**0.33**	--	--	**0.22**	--	--	--	--	--	--	--	--	--	--	--	--
	12/16/2003	N	--	--	**0.37**	--	**0.27**	--	--	--	--	--	--	--	--	--	--	--	**1,220**	--
	12/16/2003	FD	--	--	**0.35**	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	**1,240**	--
	7/1/2004	N	--	--	**0.37**	--	**0.21**	--	--	--	--	--	--	--	--	--	--	--	**1,310**	--
	1/11/2005	N	--	--	**0.38**	--	**0.06**	--	--	--	--	--	--	--	--	--	--	--	**1,380**	--
	6/6/2005	N	--	--	**0.37**	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,360**	--
	1/26/2006	N	--	< 0.02 U	--	**0.432**	--	**0.4**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,330**	**3,640**
	7/12/2006	N	--	< 0.02 U	--	**0.375**	--	**0.42**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**1.2**	**1.1**	< 3 U	**0.22**	< 0.05 U	**1,460**	**3,240**
	4/11/2007	N	--	< 0.02 U	--	**0.323**	--	**0.28**	--	**0.414**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1,320**	--
	9/21/2007	N	--	**0.0216**	--	**0.445**	--	**0.41**	--	**0.209**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.17**	< 0.05 U	**1,470**	--
	4/9/2008	N	--	< 0.02 U	--	**0.417**	--	**0.4**	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.6**	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,400**	**3,590**
	8/19/2008	N	--	< 0.02 U	--	**0.365**	--	**0.35**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,540**	**3,880**
	3/25/2009	N	--	< 0.02 U	--	**0.402**	--	**0.41**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,230**	**3,930**
	8/12/2009	N	--	**0.0254**	--	**0.398**	--	**0.41**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.16**	< 0.05 U	**1,330**	**4,020**
MW056SA	3/4/2010	N	--	< 0.05 U	--	**0.421**	--	**0.44**	--	**0.091**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.102**	< 0.05 U	**1,390**	**4,100**
	8/9/2010	N	--	**0.023**	--	**0.357**	--	**0.45**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.14**	< 0.05 U	**1,280**	**3,920**
	5/16/2012	N	< 0.0100 U	--	**0.407**	--	--	**0.379**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**1390 J**	**4,060**
	5/16/2012	FD	< 0.0100 U	--	**0.384**	--	--	**0.377**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1430 J**	**4,000**
	11/8/2012	N	--	< 0.0100 U	--	**0.416**	--	**0.42**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,380**	**3,770**
	5/8/2013	N	< 0.0200 UJ	--	**0.401**	--	--	**0.435**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,300**	**3,570**
	11/4/2013	N	**0.0154 J**	--	**0.412**	--	--	**0.29**	< 0.200 U	--	< 0.0200 U	--	**0.750 J**	**1.10 J**	< 1.00 U	**5.47**	--	--	**1,140**	**3,660**
	11/4/2013	FD	**0.0155 J**	--	**0.432**	--	--	**0.268**	< 0.200 U	--	< 0.0200 U	--	**1.90 J**	**1.66 J**	< 1.00 U	**5.58**	--	--	**1,150**	**3,620**
	5/15/2014	N	< 0.0200 UJ	--	**0.37**	--	--	**0.392**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,320**	**3,550**
	11/13/2014	N	**0.0227**	--	**0.336**	--	--	**0.343**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,120**	**3,820**
	5/13/2015	N	< 0.0200 U	--	**0.3**	--	--	**0.287**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,190**	**3,730**
	11/10/2015	N	**0.0246**	--	**0.372**	--	--	**0.363**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**1,280**	**3,500**
	5/18/2016	N	**0.0214**	--	**0.173**	--	**0.176**	--	--	--	--	--	--	--	--	--	--	--	**1,050**	**3,720**
	9/19/2016	N	< 0.00336 U	--	**0.217**	--	**0.205**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**970**	**3,720**
	5/9/2017	N	**0.0146**	--	**0.378**	--	--	--	**0.122 J**	--	**0.00068 J**	--	--	--	--	--	--	--	**1,180**	**3,800**
	9/20/2017	N	**0.0149**	--	**0.413**	--	--	--	< 0.1 U	--	**0.000501 J**	--	--	--	--	--	--	--	**1,240**	**3,970**
	4/3/2018	Reg	--	**0.0136**	--	**0.416**	--	**0.401**	< 0.100 U	--	--	**0.000495 J**	--	--	--	--	--	--	**1,260**	**3,560**
	9/12/2018	Reg	**0.0155**	--	**0.417**	--	**0.401**	--	--	**0.0257 J**	**0.000575 J**	--	--	--	--	--	--	--	**1,130**	**3,380**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

ARCADIS Design & Consultancy for natural and built assets

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW057SA	1/28/2003	N		--	< 0.05 U	< 0.05 U	--	**0.007**	--	--	--	--	--	< 5 U	**2**	< 5 U	< 5 U	< 0.25 U	< 0.05 U	**610**	**2,020**
	3/12/2003	N		--	--	--	--	**0.27**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,300**	--
	5/20/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	9/10/2003	N		--	--	< 0.01 U	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--
	12/17/2003	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**210**	--
	6/16/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**240**	--
	12/15/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	6/1/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**240**	--
	1/20/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**196**	**1,050**
	6/28/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.1**	**3.5**	**3.1**	< 0.097 U	< 0.05 U	**139**	**876**
	3/29/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.255**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**218**	--
	9/11/2007	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/12/2007	N		--	--	--	**0.0201**	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**232**	--
	3/27/2008	N		--	< 0.02 U	--	**0.0493**	--	**0.034**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**548**	**1,990**
	8/6/2008	N		--	< 0.02 U	--	**0.0478**	--	**0.052**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**472**	**1,720**
	3/17/2009	N		--	< 0.02 U	--	**0.0404**	--	**0.03**	--	< 0.2 U	< 0.005 U	< 0.005 U	**6.2**	**2.4**	**1.1**	< 3 U	< 0.099 U	< 0.05 U	**324**	**1,620**
	8/21/2009	N		--	< 0.02 U	--	**0.0393**	--	**0.034**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**581**	--
	3/11/2010	N		--	< 0.05 U	--	< 0.05 U	--	**0.03**	--	**0.082**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**149**	**1,300**
	8/10/2010	N		--	**0.017**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**160**	**1,120**
	5/17/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**181 J**	**1,110**
	10/31/2012	N		--	< 0.0100 U	--	**0.0129**	--	**0.0124**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**218**	**1,180**
	5/8/2013	N		< 0.0200 UJ	--	**0.0215**	--	--	**0.0215**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**260**	**1,330**
	5/14/2014	N		**0.0249**	--	**0.000825 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**61.9 J**	**565**
	11/11/2014	N		**0.0127 J**	--	**0.00119 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**77.5**	**722**
	5/13/2015	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**66.4**	**639**
	5/13/2015	FD		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**75.1**	**664**
	11/12/2015	N		**0.0108 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**76.8**	**668**
	5/18/2016	N		**0.0145**	--	**0.00766 J**	--	**0.0073 J**	--	--	--	--	--	--	--	--	--	--	--	**126**	**1,110**
	5/18/2016	FD		**0.014**	--	**0.0081 J**	--	**0.012**	--	--	--	--	--	--	--	--	--	--	--	**126**	**859**
	9/19/2016	N		< 0.00336 U	--	**0.013**	--	**0.0107**	--	**0.00619 J**	--	< 0.000585 U	--	--	--	--	--	--	--	**192**	**1,240**
	5/9/2017	N		**0.012**	--	**0.0247**	--	--	--	**0.0176 J**	--	**0.000496 J**	--	--	--	--	--	--	--	**272**	**1,210**
	9/20/2017	N		**0.0121**	--	**0.0349**	--	--	--	**0.0947 J**	--	**0.00413**	--	--	--	--	--	--	--	**324**	**1,480**
	3/22/2018	Reg		--	**0.0125**	--	**0.0268**	--	**0.0163**	< 0.1	--	--	< 0.002	--	--	--	--	--	--	**302**	**1,470**
	9/12/2018	Reg		**0.0127**	--	**0.0387**	--	**0.0276**	--	--	< 0.100 U	**0.000203 J**	--	--	--	--	--	--	--	**346**	**1,450**
MW058	1/28/2003	N		--	< 0.05 U	**0.28**	--	**0.19**	--	--	--	--	--	< 5 U	**8**	< 5 U	< 5 U	< 0.25 U	< 0.05 U	**610**	**2,270**
	3/19/2003	N		--	--	--	--	**0.47**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**930**	--
	6/3/2003	N		--	--	--	--	**0.698**	--	--	--	--	--	--	--	--	--	--	--	**1,070**	--
	1/13/2004	N		--	--	< 0.05 U	--	**0.009**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**200**	--
	6/22/2004	N		--	--	**0.01**	--	**0.009**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**150**	--
	1/3/2005	N		--	--	**0.41**	--	**0.17**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**580**	--
	6/8/2005	N		--	--	**0.43**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**590**	--
	1/24/2006	N		--	< 0.02 U	--	**0.581**	--	**0.54**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**610**	**2,500**
	7/6/2006	N		--	< 0.02 U	--	**0.599**	--	**0.57**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**639**	**2,100**
	9/14/2007	N		--	< 0.02 U	--	**0.835**	--	**0.86**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**694**	--
	4/15/2008	N		--	< 0.02 U	--	**1.7**	--	**1.7**	--	**0.338**	< 0.005 U	< 0.005 U	**2.3**	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,040**	**3,660**
	8/21/2008	N		--	< 0.02 U	--	**2.26**	--	**2.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**1,140**	**4,490**
	4/2/2009	N		--	< 0.02 U	--	**2**	--	**1.9**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.6**	< 3 U	< 0.094 U	< 0.05 U	**876**	**3,680**
	8/19/2009	N		--	< 0.02 U	--	**2.22**	--	**1.1**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,050**	--
	3/8/2010	N		--	< 0.05 U	--	**1.75**	--	**1.65**	--	< 0.03 U	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.07**	< 0.05 U	**667**	**2,580**
	8/6/2010	N		--	< 0.01 U	--	**2**	--	**2.91**	--	< 0.10 U	< 0.05 U	< 0.05 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.071**	< 0.05 U	**963**	**4,130**
	5/24/2012	N		< 0.0100 U	--	**0.0175**	--	--	**0.0149**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**219**	**911**
	5/24/2012	FD		< 0.0100 U	--	**0.0164**	--	--	**0.0132**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**221**	**885**
	11/6/2012	N		--	< 0.0100 U	--	**2.7**	--	**2.76**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**992**	**4,160**
	11/6/2012	FD		--	< 0.0100 U	--	**2.78**	--	**2.8**	--	**0.287**	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,020**	**4,140**
	5/14/2013	N		**0.0111 J**	--	**2.58**	--	--	**2.52**	**0.0612 J**	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**967**	**3,790**
	10/31/2013	N		**0.021**	--	**2.7**	--	--	**2.78 J**	< 0.200 U	--	**0.0151 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,070**	**4,370**
	5/13/2014	N		**0.0118 J**	--	< 0.0100 UJ	--	--	**0.00820 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**175**	**909**
	11/6/2014	N		**0.0182 J**	--	**0.00907 J**	--	--	**0.00690 J**	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**157**	**781**
	11/6/2014	FD		**0.0171 J**	--	**0.00873 J**	--	--	**0.00570 J**	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**85.3**	**921**
	6/1/2015	N		**0.0154 J**	--	**0.00917 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**180**	**761**
	11/5/2015	N		< 0.0200 UJ	--	**0.00883 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00111 J**	--	--	--	--	--	--	--	**169**	**752**
	5/16/2016	N		**0.0816**	--	**2.46**	--	**2.72**	--	--	--	--	--	--	--	--	--	--	--	**1,190**	**4,720**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	9/21/2016	N	< 0.00336 U	--	**2.56**	--	**3.09**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**1,060**	**3,740**

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Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW058	5/11/2017	N	**0.0121**	--	**2.72**	--	--	--	**0.516 J**	--	**0.00896**	--	--	--	--	--	--	--	**995 J**	**3530 J**
	5/11/2017	FD	**0.0119**	--	**2.85**	--	--	--	**0.343 J**	--	**0.00555**	--	--	--	--	--	--	--	**627 J**	**1670 J**
	3/29/2018	Reg	--	**0.0124**	--	**2.83**	--	**2.99**	**0.0325**	--	--	**0.000881 J**	--	--	--	--	--	--	**1,230**	**3,980**
MW059	1/29/2003	N	--	< 0.05 U	**0.07**	--	**0.055**	--	--	--	--	--	< 5 U	**3**	< 5 U	< 5 U	< 0.25 U	< 0.05 U	**440**	**1,820**
	3/20/2003	N	--	--	--	--	**0.088**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**600**	--
	5/29/2003	N	--	--	--	--	**0.128**	--	--	--	--	--	--	--	--	--	--	--	**910**	--
	1/15/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**90**	--
	6/16/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	12/14/2004	N	--	--	**0.08**	--	**0.14**	--	--	--	--	--	--	--	--	--	--	--	**420**	--
	6/8/2005	N	--	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	--	--	**420**	--
	1/20/2006	N	--	< 0.02 U	--	**0.101**	--	**0.095**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**435**	**1,840**
	6/26/2006	N	--	< 0.02 U	--	**0.124**	--	**0.12**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**446**	**1,780**
	9/11/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/12/2007	N	--	--	--	**0.185**	--	**0.19**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**255**	--
	4/3/2008	N	--	< 0.02 U	--	**0.2**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**3.2**	**1**	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**499**	**2,040**
	8/14/2008	N	--	< 0.02 U	--	**0.546**	--	**0.45**	--	< 0.2 U	**0.0091**	**0.0091**	**1.6**	**1.6**	**2.8**	< 3 U	< 0.1 U	< 0.05 U	**1,010**	**4,140**
	3/31/2009	N	--	< 0.02 U	--	**0.206**	--	**0.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**517**	**2,300**
	8/12/2009	N	--	**0.0232**	--	**0.21**	--	**0.22**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**497**	**2,260**
	3/9/2010	N	--	< 0.05 U	--	**0.205**	--	**0.237**	--	**0.117**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.61**	< 0.05 U	**493**	**1,980**
	8/6/2010	N	--	< 0.01 U	--	**0.45**	--	**0.193**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**915**	**4,190**
	5/24/2012	N	< 0.0100 U	--	**0.0465**	--	--	**0.0451**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**254**	**1,030**
	11/2/2012	N	--	< 0.0100 U	--	**0.493**	--	**0.495**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**839**	**3,620**
	5/21/2013	N	**0.0153 J**	--	**0.107**	--	--	**0.104**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**428**	**2,120**
	10/31/2013	N	**0.0178 J**	--	**0.105**	--	--	**0.106 J**	< 0.200 U	--	**0.0522**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**404**	**543**
	5/13/2014	N	**0.0131 J**	--	< 0.0100 UJ	--	--	**0.00810 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**133**	**661**
	11/10/2014	N	**0.0231**	--	**0.00574 J**	--	--	**0.00600 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**110**	**653**
	5/27/2015	N	**0.0158 J**	--	**0.00405 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**112**	**629**
	11/9/2015	N	< 0.0200 U	--	**0.00898 J**	--	--	**0.00590 J**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**122**	**598**
	5/20/2016	N	**0.0168**	--	**0.22**	--	**0.164**	--	--	--	--	--	--	--	--	--	--	--	**738**	**3,530**
	9/21/2016	N	< 0.00336 U	--	**0.541**	--	**0.728**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**987**	**3,990**
	5/11/2017	N	**0.0118**	--	**0.535**	--	--	--	**0.0336**	--	**0.000967 J**	--	--	--	--	--	--	--	**951**	**3,670**
	9/21/2017	N	**0.014**	--	**0.563 J**	--	--	**0.473**	**0.0436 J**	--	**0.000998 J**	--	--	--	--	--	--	--	**810**	**3,820**
	3/29/2018	Reg	--	**0.0132**	--	**0.562**	--	**0.448 J**	< 0.1	--	--	**0.000366 J**	--	--	--	--	--	--	**925**	**3,610**
	9/13/2018	Reg	**0.0141 J**	--	**0.556**	--	**0.469**	--	--	< 0.500 U	**0.00308 J**	--	--	--	--	--	--	--	**904**	**3,070**
MW060	1/8/2003	N	--	< 0.05 U	**0.25**	--	**0.2**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**530**	**2,010**
	3/24/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**840**	--
	5/27/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**950**	--
	1/12/2004	N	--	--	**0.02**	--	**0.012**	--	--	--	--	--	--	--	--	--	--	--	**370**	--
	6/23/2004	N	--	--	**0.01**	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	**360**	--
	1/4/2005	N	--	--	**0.02**	--	**0.01**	--	--	--	--	--	--	--	--	--	--	--	**760**	--
	6/30/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**740**	--
	1/24/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.24**	**0.0543**	**0.0543**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**961**	**3,510**
	1/24/2006	FD	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0538**	**0.0538**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**950**	**3,370**
	7/6/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.354**	**0.354**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**842**	**3,280**
	3/28/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.286**	**0.423**	**0.423**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.005 U	**876**	--
	9/14/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.399**	**0.635**	**0.635**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**983**	--
	3/25/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.357**	**0.734**	**0.734**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,030**	**3,430**
	8/11/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.361**	**0.914**	**0.914**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**1,130**	**3,680**
	3/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.451**	**0.956**	**0.956**	**5.2**	**2.1**	**1**	< 3 U	< 0.098 U	< 0.05 U	**1,160**	**3,420**
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**1.11**	**1.11**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**1,450**	**3,450**
	3/10/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.249**	**1.42**	**1.42**	< 1 U	< 1 U	< 1 U	< 1 U	**0.06**	< 0.05 U	**994**	**3,860**
	8/13/2010	N	--	**0.011**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	**1.42**	**1.42**	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**1,090**	**4,560**
	5/24/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.717**	--	**0.905**	--	**3.59**	< 2.00 U	**3.71**	< 1.00 U	--	--	**758**	**2,750**
	10/31/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	**3.02**	**1.27**	**1.27**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,030**	**3,210**
	5/15/2013	N	**0.00865 J**	--	< 0.0100 U	--	--	< 0.0100 U	**0.275**	--	**2.1**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,140**	**4,310**
	10/31/2013	N	**0.0110 J**	--	< 0.0100 U	--	--	< 0.0100 U	**1.07**	--	**1.07**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**984**	**4,040**
	5/12/2014	N	**0.0184 J**	--	< 0.0100 U	--	--	< 0.0100 U	**0.802**	--	**0.935**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,440**	**2,760**
	11/6/2014	N	**0.0181 J**	--	**0.00379 J**	--	--	< 0.0100 U	< 0.200 UJ	--	**5.2**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,270**	**4,520**
	5/21/2015	N	< 0.0200 U	--	**0.00131 J**	--	--	< 0.0100 U	< 0.200 U	--	**2.6**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,300**	**4,980**
	11/5/2015	N	< 0.0200 UJ	--	**0.00727 J**	--	--	< 0.0100 U	**0.0549 J**	--	**1.1**	--	--	--	--	--	--	--	**696**	**2,460**
	9/22/2017	N	**0.00363**	--	< 0.004 U	--	< 0.01 U	--	**0.639**	--	**9.71**	--	--	--	--	--	--	--	**1,370**	**3,950**
	3/29/2018	Reg	--	**0.0056**	--	< 0.00400 U	--	< 0.0100 U	**1.26**	--	--	**9.7**	--	--	--	--	--	--	**1,750**	**3,600**

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Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	9/13/2018	Reg		**0.00342 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	**0.765**	**10.5**	--	--	--	--	--	--	--	**1,560**	**3,470**
MW061	1/8/2003	N		--	< 0.05 U	**4.02**	--	**2.6**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**430**	**2,160**
	3/24/2003	N		--	--	--	--	**0.53**	--	--	--	--	--	--	--	--	--	--	--	**1,020**	--
	3/24/2003	FD		--	--	--	--	**0.34**	--	--	--	--	--	--	--	--	--	--	--	**1,040**	--
	6/4/2003	N		--	--	--	--	**0.725** **3.04**	--	--	--	--	--	--	--	--	--	--	--	**1100 870**	--
	6/4/2003	FD		--	--	--	--	**0.759**	--	--	--	--	--	--	--	--	--	--	--	**1,050**	--
	1/8/2004	N		--	--	**4.44**	--	**1.7**	--	--	--	--	--	--	--	--	--	--	--	**1,160**	--
	1/8/2004	FD		--	--	**4.93**	--	**2.4**	--	--	--	--	--	--	--	--	--	--	--	**1,150**	--
	7/8/2004	N		--	--	**3.84**	--	**3.1**	--	--	--	--	--	--	--	--	--	--	--	**580**	--
	1/11/2005	N		--	--	**3.69**	--	**1.8**	--	--	--	--	--	--	--	--	--	--	--	**810**	--
	6/9/2005	N		--	--	**3.86**	--	--	--	--	--	--	--	--	--	--	--	--	--	**740**	--
	1/26/2006	N		--	< 0.02 U	--	**4.07**	--	**0.38**	--	< 0.2 U	**0.296**	**0.296**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**844**	**3,580**
	7/5/2006	N		--	< 0.02 U	--	**3.91**	--	**3.6**	--	< 0.2 U	**0.3**	**0.3**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**766**	**3,260**
	4/18/2007	N		--	< 0.02 U	--	**3.81**	--	**3.4**	--	< 0.2 U	**0.29**	**0.29**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.005 U	**756**	--
	9/21/2007	N		--	< 0.02 U	--	**3.45**	--	**3.1**	--	< 0.2 U	**0.267**	**0.267**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**697**	--
	8/7/2008	N		--	< 0.02 U	--	**2.95**	--	**2.6**	--	< 0.2 U	**0.186**	**0.186**	< 1 U	< 1 U	< 1 U	< 3 U	**0.1**	< 0.05 U	**707**	**3,140**
	4/1/2009	N		--	< 0.02 U	--	**2.7**	--	**2.7**	--	< 0.2 U	**0.158**	**0.158**	**2**	**13**	**4.6**	**3.6**	**0.14**	**0.078**	**651**	**2,950**
MW061	8/19/2009	N		--	< 0.02 U	--	**4.24**	--	**4.4**	--	< 0.2 U	**0.0615**	**0.0615**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**716**	--
	3/9/2010	N		--	< 0.05 U	--	**2.24**	--	**2.58**	--	**0.036**	**0.121**	**0.121**	< 1 U	< 1 U	< 1 U	< 1 U	**0.112**	< 0.05 U	**569**	**2,910**
	8/11/2010	N		--	< 0.01 U	--	**1.82**	--	**2.29**	--	< 0.1 U	**0.058**	**0.058**	< 1 U	< 2 U	< 1 U	< 1 U	< 0.053 U	< 0.05 U	**636**	**4,300**
	5/25/2012	N		< 0.0100 U	--	**0.243**	--	--	**0.251**	< 0.200 U	--	**0.0729**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**330**	**1,600**
	11/2/2012	N		--	< 0.0100 U	--	**4.79**	--	**5.01**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**823**	**3,800**
	5/15/2013	N		**0.0232**	--	**3.84**	--	--	**3.82**	< 0.200 U	--	**0.00544 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**554**	**2,550**
	11/1/2013	N		**0.00902 J**	--	**0.423**	--	--	**0.367**	< 0.200 U	--	**0.234**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**267**	**1,710**
	5/13/2014	N		**0.00808 J**	--	**0.11**	--	--	**0.111**	< 0.200 U	--	**0.0652**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**272**	**1,570**
	5/13/2014	FD		**0.0114 J**	--	**0.104**	--	--	**0.111**	< 0.200 U	--	**0.0609**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**273**	**1,900**
	11/7/2014	N		< 0.0200 U	--	**0.171**	--	--	**0.137**	< 0.200 U	--	**0.0712**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**213**	**1560 J**
	5/20/2015	N		**0.0246**	--	**2.25**	--	--	**2.41**	< 0.200 UJ	--	**0.0167 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**930**	**4,110**
	11/6/2015	N		< 0.0200 UJ	--	**0.17**	--	--	**0.142**	< 0.200 U	--	**0.101**	--	--	--	--	--	--	--	**202**	**1,310**
	5/13/2016	N		**0.0903**	--	**1.7**	--	**1.73**	--	--	--	--	--	--	--	--	--	--	--	**1,030**	**3,650**
	9/21/2016	N		< 0.00336 U	--	**1.68**	--	**2.2**	--	< 0.00616 U	--	**0.0157 J**	--	--	--	--	--	--	--	**1,130**	**4,210**
	5/11/2017	N		**0.0107**	--	**1.96**	--	**2.13**	--	**0.127**	--	**0.0221**	--	--	--	--	--	--	--	**883**	**3,840**
	9/22/2017	N		**0.0119**	--	**2.2**	--	**1.99**	--	< 0.1 U	--	**0.0292**	--	--	--	--	--	--	--	**927**	**4,900**
	4/3/2018	Reg		--	**0.011**	--	**1.68**	--	**1.49**	< 0.100 U	--	--	**0.0702 J**	--	--	--	--	--	--	**1,030**	**3,600**
	4/3/2018	FD		--	**0.0107**	--	**2.11**	--	**1.44**	< 0.100 U	--	--	**0.0394 J**	--	--	--	--	--	--	**1,140**	**3,660**
	9/13/2018	Reg		**0.0120 J**	--	**1.56**	--	**1.44**	--	--	< 0.500 U	**0.036**	--	--	--	--	--	--	--	**1,060**	**3,830**
	3/6/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**63**	--
	5/22/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	1/15/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**70**	--
	6/17/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	12/21/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**80**	--
	5/25/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	1/24/2006	N		--	**0.0277**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**64**	**512**
	6/27/2006	N		--	**0.0224**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.9**	**11**	**10**	**8.6**	< 0.096 U	**0.097**	**64.5**	**514**
	4/20/2007	N		--	**0.0276**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**3.4**	< 1 U	**2.3**	< 3 U	< 0.097 U	< 0.05 U	**56.8**	--
	9/14/2007	N		--	**0.0305**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**1**	**1**	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**60.4**	--
	4/9/2008	N		--	**0.0252**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**3**	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**62.5**	**487**
	8/18/2008	N		--	**0.0265**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.3**	< 3 U	< 0.096 U	< 0.05 U	**60.2**	**516**
	4/2/2009	N		--	**0.0268**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0065**	**0.0065**	< 1 U	< 1 U	**2.9**	< 3 U	< 0.096 U	< 0.05 U	**57.2**	**495**
	8/3/2009	N		--	**0.0235**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.44**	**0.11**	**62.1**	**504**
	3/2/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.103**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.164**	< 0.05 U	**60.8**	**1000**
	8/5/2010	N		--	**0.035**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	**2.2**	< 1 U	< 1 U	**0.277**	< 0.05 U	**64**	**432**
MW062A	5/23/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0277**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**59.2**	**569**
	10/31/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**64.9**	**516**
	5/14/2013	N		**0.0227**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**60.4**	**502**
	10/30/2013	N		**0.0185 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0617**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**56.2**	**478**
	5/13/2014	N		**0.0179 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**70.2**	**604**
	11/10/2014	N		**0.0253**	--	**0.000903 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**60.3**	**476**
	5/28/2015	N		**0.0208**	--	**0.000870 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00401 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**60.3**	**490**
	11/10/2015	N		**0.0274**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**63.2**	**517**
	5/16/2016	N		**0.0274**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**63.8**	**317**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	9/21/2016	N		**0.019**	--	**0.00327 J**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**61.3**	**505**
	5/11/2017	N		**0.0214**	--	**0.00312 J**	--	< 0.01 U	--	**0.00369 J**	--	**0.000214 J**	--	--	--	--	--	--	--	**63**	**334**
	5/11/2017	FD		**0.0203**	--	**0.00336 J**	--	< 0.01 U	--	**0.0102 J**	--	**0.000357 J**	--	--	--	--	--	--	--	**62.8**	**418**
	9/21/2017	N		**0.0254**	--	**0.00193 J**	--	--	< 0.0100 U	< 0.100 U	--	**0.000262 J**	--	--	--	--	--	--	--	**59**	**482**
	3/29/2018	Reg		--	**0.0242**	--	**0.00207 J**	--	< 0.0100 U	< 0.1	--	--	**0.000335 J**	--	--	--	--	--	--	**55.8**	**471**
	9/12/2018	Reg		**0.024**	--	**0.00213 J**	--	< 0.0100 U	--	--	< 0.100 U	< 0.00200 U	--	--	--	--	--	--	--	**57.9**	**497**
	3/29/2018	Reg		--	**0.0233**	--	**0.00126 J**	--	< 0.0100 U	< 0.1	--	--	**0.000891 J**	--	--	--	--	--	--	**49.2**	**444**
	9/12/2018	Reg		**0.0233**	--	**0.00162 J**	--	< 0.0100 U	--	--	< 0.100 U	**0.000592 J**	--	--	--	--	--	--	--	**51.7**	**472**
	1/13/2003	N		--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**55**	**490**
MW063SA	1/14/2003	N		--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**70**	**520**
	3/6/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**53**	--
	5/22/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	1/14/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	6/15/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	12/14/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	5/24/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	1/20/2006	N		--	**0.0239**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**56**	**480**
	6/27/2006	N		--	**0.0235**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**4**	**20**	**14**	**12**	< 0.095 U	**0.14**	**55.1**	**495**
	4/20/2007	N		--	**0.0243**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**8.6**	< 1 U	< 3 U	< 3 U	< 0.098 U	< 0.05 U	**54.3**	--
	9/11/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**121**	--
	4/9/2008	N		--	**0.0246**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**5.2**	**1.2**	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**55.9**	**466**
	8/18/2008	N		--	**0.0259**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.4**	< 3 U	< 0.096 U	< 0.05 U	**55.5**	**503**
	4/2/2009	N		--	**0.0272**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**2.5**	< 3 U	< 0.095 U	< 0.05 U	**66.2**	**488**
	8/4/2009	N		--	**0.0264**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.14**	**0.051**	**56.1**	**502**
	3/2/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.145**	< 0.05 U	< 0.05 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.19**	< 0.05 U	**51.9**	**668**
MW063SA	8/5/2010	N		--	**0.023**	--	< 0.05 U	--	**0.013**	--	< 0.1 U	< 0.05 U	< 0.05 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.128**	< 0.05 U	**51.4**	**416**
	5/18/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**58**	**430**
	10/31/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**53.4**	**459**
	5/13/2013	N		**0.0241**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**52.6**	**456**
	10/30/2013	N		**0.0180 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00768 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**49.5**	**469**
	5/13/2014	N		**0.0209**	--	< 0.0100 U	--	--	**0.00710 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**51.1**	**537**
	11/10/2014	N		**0.0199 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**53.1**	**463**
	11/10/2014	FD		**0.0148 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**53.6**	**489**
	5/28/2015	N		**0.0292**	--	**0.000847 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**52.5**	**462**
	11/10/2015	N		**0.0262**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**54.3**	**700**
	11/10/2015	FD		**0.0221**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**54.5**	**660**
	5/16/2016	N		**0.0257**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**52.3**	**479**
	9/21/2016	N		**0.0261**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**61.6**	**464**
	5/11/2017	N		**0.021**	--	**0.00309 J**	--	< 0.01 U	--	**0.00612 J**	--	**0.000251 J**	--	--	--	--	--	--	--	**67.8**	**414**
	9/21/2017	N		**0.0248**	--	**0.00154 J**	--	--	< 0.0100 U	< 0.100 U	--	**0.000408 J**	--	--	--	--	--	--	--	**51.7**	**518**
	2/26/2003	N		--	< 0.05 U	**0.09**	--	**0.071**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,400**	**3,100**
	3/24/2003	N		--	--	--	--	**0.084**	--	--	--	--	--	--	--	--	--	--	--	**1,150**	--
	5/20/2003	N		--	--	--	--	**0.116**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	--
	9/10/2003	N		--	--	**0.02**	--	--	**0.051**	--	--	--	--	--	--	--	--	--	--	--	--
	12/10/2003	N		--	--	**0.31**	--	**0.26**	--	--	--	--	--	--	--	--	--	--	--	**1,080**	--
	12/10/2003	FD		--	--	**0.31**	--	**0.26**	--	--	--	--	--	--	--	--	--	--	--	**1,070**	--
	3/10/2004	N		--	< 0.05 U	**0.22**	**0.21**	**0.29**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,200**	--
	6/7/2004	N		--	< 0.01 U	**0.16**	**0.18**	**0.106**	--	< 0.1 U	**1.3**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**2,300**	--
	7/22/2004	N		--	< 0.01 U	**0.12**	**0.07**	**0.072**	--	< 0.1 U	**3.5**	< 0.05 U	**0.12**	--	--	--	--	--	--	**1,300**	--
	8/24/2004	N		--	< 0.01 U	**0.15**	**0.08**	**0.1**	--	< 0.25 U	**3.08**	< 0.01 U	**0.1**	--	--	--	--	--	--	**1,230**	--
	10/20/2004	N		--	< 0.01 U	**0.13**	**0.08**	**0.095**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,230**	--
	12/9/2004	N		--	< 0.01 U	**0.13**	**0.08**	**0.092**	--	< 4 U	< 4 U	< 0.1 U	< 0.1 U	--	--	--	--	--	--	**1,260**	**3,420**
	1/12/2005	N		--	< 0.01 U	**0.17**	**0.17**	**0.2**	--	< 0.4 U	< 0.4 U	< 0.01 U	**1.75**	--	--	--	--	--	--	**1,210**	**3,340**
	2/2/2005	N		--	< 0.01 U	**0.21**	**0.13**	**0.055**	--	< 0.4 U	**2.11**	< 0.01 U	**0.08**	--	--	--	--	--	--	**1,120**	**3,220**
	3/1/2005	N		--	< 0.01 U	**0.11**	**0.07**	**0.15**	--	< 0.4 U	**0.9**	< 0.01 U	**0.03**	--	--	--	--	--	--	**1,240**	**3,160**
	3/24/2005	N		--	< 0.01 U	**0.1**	**0.06**	**0.041**	--	< 0.4 U	**1.68**	< 0.01 U	**0.04**	--	--	--	--	--	--	**1,110**	**3,230**
MW064SA	4/27/2005	N		--	< 0.01 U	**0.18**	**0.16**	**0.2**	--	< 0.4 U	**1.84**	< 0.01 U	**0.07**	--	--	--	--	--	--	**1,120**	**3,180**
	5/24/2005	N		--	< 0.01 U	**0.17**	**0.15**	**0.16**	--	< 0.4 U	**1.18**	< 0.01 U	**0.04**	--	--	--	--	--	--	**1,140**	**3,200**
	6/28/2005	N		--	--	**0.13**	--	--	--	< 0.4 U	--	< 0.01 U	--	--	--	--	--	--	--	**1,160**	--
	7/14/2005	N		--	< 0.1 U	**0.13**	**0.6**	**0.24**	--	< 0.4 U	**1.75**	< 0.01 U	**0.5**	--	--	--	--	--	--	**1,170**	**3,240**
	2/2/2006	N		--	< 0.02 U	--	**0.169**	--	**0.14**	--	**2.82**	**0.0721**	**0.0721**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,150**	**3,010**
	7/14/2006	N		--	< 0.02 U	--	**0.128**	--	**0.14**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**1,200**	**3,420**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/21/2007	N	--	< 0.02 U	--	**0.179**	--	**0.16**	--	**0.252**	**0.007**	**0.007**	< 1 U	< 1 U	< 1 U	< 3 U	**0.17**	< 0.005 U	**1,090**	--
	9/6/2007	N	--	< 0.02 U	--	**0.164**	--	**0.15**	--	**220**	--	--	< 1 U	< 1 U	< 1 U	< 3 U	**0.22**	< 0.05 U	**1,130**	--
	3/25/2008	N	--	< 0.02 U	--	**0.0393**	--	**0.066**	--	**0.307**	**0.0129**	**0.0129**	< 1 U	< 1 U	< 1 U	< 3 U	**0.56**	< 0.05 U	**1,540**	**3,600**
	8/5/2008	N	--	< 0.02 U	--	**0.0386**	--	**0.073**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.73**	< 0.05 U	**1,390**	**3,890**
	3/17/2009	N	--	< 0.02 U	--	**0.127**	--	**0.11**	--	< 0.2 U	**0.0053**	**0.0053**	< 1 U	< 1 U	< 1 U	< 3 U	**0.27**	< 0.05 U	**1,190**	**3,200**
	8/17/2009	N	--	< 0.02 U	--	**0.097**	--	**0.098**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.41**	< 0.05 U	**1,500**	**3,320**
	3/2/2010	N	--	< 0.05 U	--	**0.092**	--	**0.109**	--	**0.061**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.292**	< 0.05 U	**1,070**	**4,460**
	8/3/2010	N	--	**0.02**	--	**0.09**	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.291**	< 0.05 U	**858**	**2,680**
	5/11/2012	N	< 0.0100 U	--	**0.077**	--	--	**0.0745**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**689 J**	**2,600**
	10/30/2012	N	--	< 0.0100 U	--	**0.0808**	--	**0.0792**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**737**	**3,020**
	5/6/2013	N	**0.00818 J**	--	**0.0817**	--	--	**0.0813**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**730**	**2,610**
	2/27/2003	N	--	< 0.05 U	< 0.05 U	--	**0.01**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,300**	**2,880**
	3/25/2003	N	--	--	--	--	**0.012**	--	--	--	--	--	--	--	--	--	--	--	**1,190**	--
	5/20/2003	N	--	--	--	--	**0.014**	--	--	--	--	--	--	--	--	--	--	--	**1,200**	--
	12/10/2003	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**960**	--
	6/16/2004	N	--	--	< 0.05 U	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	**930**	--
	12/15/2004	N	--	--	**0.04**	--	**0.02**	--	--	--	--	--	--	--	--	--	--	--	**1,190**	--
	6/2/2005	N	--	< 0.01 U	**0.03**	**0.03**	**0.043**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,170**	**3,140**
	1/20/2006	N	--	< 0.02 U	--	**0.0439**	--	**0.037**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,400**	**2,730**
	6/28/2006	N	--	< 0.02 U	--	**0.0397**	--	**0.032**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.4**	**3.8**	**3.2**	< 0.096 U	< 0.05 U	**1,180**	**3,100**
	4/10/2007	N	--	< 0.02 U	--	**0.0571**	--	**0.058**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1,140**	--
	9/11/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/12/2007	N	--	--	--	**0.0675**	--	**0.065**	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**599**	--
	4/8/2008	N	--	< 0.02 U	--	**0.0839**	--	**0.045**	--	< 0.2 U	< 0.005 U	< 0.005 U	**1.4**	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**1,140**	**2,630**
	8/19/2008	N	--	< 0.02 U	--	**0.0893**	--	**0.083**	--	< 0.2 U	**0.0071**	**0.0071**	< 1 U	< 1 U	**1.1**	< 3 U	< 0.1 U	< 0.05 U	**1,120**	**3,190**
	3/25/2009	N	--	--	--	**0.0884**	--	**0.079**	--	--	--	--	< 1 U	< 1 U	**1.1**	< 3 U	< 0.096 U	< 0.05 U	**1,070**	**2,810**
	3/26/2009	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
MW065SA	8/6/2009	N	--	< 0.02 U	--	**0.0741**	--	**0.066**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**967**	**2,920**
	3/4/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.062**	--	**0.12**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.05 U	< 0.05 U	**1,070**	**2,900**
	8/5/2010	N	--	< 0.01 U	--	< 0.05 U	--	**0.033**	--	< 0.1 U	< 0.05 U	< 0.05 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.069**	< 0.05 U	**1,060**	**3,230**
	5/9/2012	N	< 0.0100 U	--	**0.206**	--	--	**0.22**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,060**	**3,720**
	5/9/2012	FD	< 0.0100 U	--	**0.218**	--	--	**0.221**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,050**	**3,680**
	11/1/2012	N	--	< 0.0100 U	--	**0.27**	--	**0.269**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,090**	**3,180**
	11/1/2012	FD	--	< 0.0100 U	--	**0.274**	--	**0.284**	--	< 0.200 U	**0.0228 J**	**0.0228 J**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,070**	**3,320**
	5/7/2013	N	**0.0105 J**	--	**0.314**	--	--	**0.317**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,020**	**2,750**
	10/31/2013	N	**0.0167 J**	--	**0.179**	--	--	**0.18**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,020**	**3,670**
	5/14/2014	N	**0.0162 J**	--	**0.0355**	--	--	**0.0273**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1050 J**	**3,290**
	11/12/2014	N	**0.0208**	--	**0.0739**	--	--	**0.0743**	< 0.200 U	--	**0.00853 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**939**	**3,190**
	5/15/2015	N	**0.0125 J**	--	**0.0819**	--	--	**0.0748**	< 0.200 U	--	**0.00531 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,080**	**3,240**
	11/11/2015	N	**0.0125 J**	--	**0.0858**	--	--	**0.0716**	< 0.200 U	--	**0.000661 J**	--	--	--	--	--	--	--	**1,020**	**3500 J**
	5/18/2016	N	**0.018**	--	**0.0245**	--	**0.0139**	--	--	--	--	--	--	--	--	--	--	--	**896**	**3,570**
	9/19/2016	N	< 0.00336 U	--	**0.035**	--	**0.0168**	--	**0.0485 J**	--	**0.0139 J**	--	--	--	--	--	--	--	**814**	**3,080**
	5/9/2017	N	**0.0101**	--	**0.0631**	--	**0.0547 J**	--	**0.0149 J**	--	**0.0125**	--	--	--	--	--	--	--	**1,050**	**3,380**
	5/9/2017	FD	**0.00999**	--	**0.0606**	--	**0.572 J**	--	**0.00336 J**	--	**0.0121**	--	--	--	--	--	--	--	**1,060**	**3,050**
	4/5/2018	Reg	--	**0.00851**	--	**0.114**	--	**0.11**	< 0.100 U	--	--	**0.0131**	--	--	--	--	--	--	**1,050**	**2,910**
	3/3/2003	N	--	< 0.05 U	**0.28**	--	**0.2**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,600**	**3,640**
	3/25/2003	N	--	--	--	--	**0.18**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	5/20/2003	N	--	--	--	--	**0.286**	--	--	--	--	--	--	--	--	--	--	--	**1,600**	--
	5/20/2003	FD	--	--	--	--	**0.28**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	12/16/2003	N	--	--	**0.26**	--	**0.16**	--	--	--	--	--	--	--	--	--	--	--	**1,560**	--
	6/30/2004	N	--	--	**0.23**	--	**0.19**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	6/30/2004	FD	--	--	**0.22**	--	**0.18**	--	--	--	--	--	--	--	--	--	--	--	**1,500**	--
	1/10/2005	N	--	--	**0.21**	--	**0.18**	--	--	--	--	--	--	--	--	--	--	--	**1,560**	--
	1/10/2005	FD	--	--	**0.22**	--	**0.23**	--	--	--	--	--	--	--	--	--	--	--	**1,570**	--
	1/26/2005	N	--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/23/2005	N	--	--	--	--	**0.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2005	N	--	--	--	--	**0.09**	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/25/2005	N	--	--	--	--	**0.2**	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/2005	N	--	< 0.01 U	**0.18**	**0.18**	**0.32**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,500**	**4,100**
MW066SA	6/30/2005	N	--	--	--	--	**0.1**	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/18/2005	N	--	--	--	--	**0.04**	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/25/2006	N	--	< 0.02 U	--	**0.177**	--	**0.19**	--	**0.203**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,780**	**4,150**

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2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

			Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																			
MW066SA	1/25/2006	FD		--	< 0.02 U	--	**0.177**	--	**0.18**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,860**	**4,300**
	7/11/2006	N		--	< 0.02 U	--	**0.0317**	--	**0.021**	--	< 0.2 U	**0.0061**	**0.0061**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,580**	**3,930**
	9/20/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.277**	**0.221**	**0.221**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**1,160**	--
	8/19/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.259**	**0.259**	< 1 U	< 1 U	**1.1**	< 3 U	< 0.1 U	< 0.05 U	**1,090**	**3,000**
	3/26/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.345**	**0.345**	< 1 U	< 1 U	**1.1**	< 3 U	< 0.097 U	< 0.05 U	**1,160**	**2,980**
	8/6/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.381**	**0.381**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**966**	**3,060**
	3/3/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.12**	**0.445**	**0.445**	< 1 U	< 2 U	< 1 U	< 1 U	**0.09**	< 0.05 U	**949**	**3,080**
	8/4/2010	N		--	**0.015**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	**0.555**	**0.555**	**1.9**	< 2 U	< 1 U	< 1 U	**0.083**	< 0.05 U	**1,000**	**2,790**
	5/15/2012	N		< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.534**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1150 J**	**3,630**
	11/2/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**1.01**	**1.01**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,190**	**3,150**
	5/7/2013	N		**0.00811 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.19**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,300**	**3,230**
	5/7/2013	FD		**0.00808 J**	--	< 0.0100 U	--	--	< 0.0100 U	**0.0276 J**	--	**1.09**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,290**	**3,470**
	10/31/2013	N		**0.00999 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.13**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,290**	**3,580**
	5/15/2014	N		< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**1.1**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,410**	**4,100**
	11/12/2014	N		**0.0110 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.883**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,250**	**3,990**
	5/14/2015	N		**0.0128 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.905**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,330**	**3,860**
	11/11/2015	N		**0.0166 J**	--	**0.00479 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.64**	--	--	--	--	--	--	--	**1,210**	**3710 J**
	5/17/2016	N		**0.022**	--	**0.0579**	--	**0.0305**	--	--	--	--	--	--	--	--	--	--	--	**1,260**	**3,470**
	9/19/2016	N		< 0.00336 U	--	**0.0512**	--	**0.0446**	--	< 0.00616 U	--	**0.148**	--	--	--	--	--	--	--	**1,110**	**3,400**
	9/19/2016	FD		< 0.00336 U	--	**0.0517**	--	**0.0448**	--	< 0.00616 U	--	**0.141**	--	--	--	--	--	--	--	**1,130**	**3,490**
	5/9/2017	N		**0.00815**	--	**0.094**	--	**0.0932**	--	**0.0548 J**	--	**0.298**	--	--	--	--	--	--	--	**1,160**	**3,560**
	9/20/2017	N		**0.00898**	--	**0.0801**	--	**0.0635**	--	< 0.1 U	--	**0.0741**	--	--	--	--	--	--	--	**1,170**	**3,120**
	3/22/2018	Reg		--	**0.00898**	--	**0.0387**	--	**0.021**	< 0.1	--	--	**0.0118**	--	--	--	--	--	--	**1,050**	**1,050**
	9/12/2018	Reg		**0.00987**	--	**0.0186**	--	**0.0137**	--	--	**0.0408 J**	**0.115**	--	--	--	--	--	--	--	**884**	**2,350**
MW067SA	3/4/2003	N		--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	**4.1**	< 0.05 U	**340**	**1,350**
	3/25/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**350**	--
	5/20/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**480**	--
	12/10/2003	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**310**	--
	2/17/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--
	6/16/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**280**	--
	12/16/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**260**	--
	6/1/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**240**	--
	1/20/2006	N		--	**0.0211**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**233**	**1,190**
	7/10/2006	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.12 U	< 0.05 U	**229**	**1,230**
	4/5/2007	N		--	**0.0209**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**210**	--
	9/13/2007	N		--	**0.0209**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**187**	--
	3/27/2008	N		--	**0.0201**	--	< 0.015 U	--	< 0.02 U	--	**0.226**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**194**	**1,120**
	8/11/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**199**	**1,170**
	3/19/2009	N		--	**0.0202**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**3.2**	**1.4**	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**198**	**1,120**
	8/20/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**186**	**1,050**
	3/11/2010	N		--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.12**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**129**	**956**
	8/10/2010	N		--	**0.021**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.063**	< 0.05 U	**165**	**1000**
	5/16/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**178 J**	**1000**
	11/2/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**179**	**993**
	5/8/2013	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**164**	**988**
	11/1/2013	N		**0.0152 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**157**	**981**
	5/15/2014	N		< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**158**	**942**
	11/13/2014	N		**0.0165 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**214**	**994**
	5/13/2015	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**164**	**1,040**
	11/12/2015	N		**0.0138 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**163**	**449**
	5/17/2016	N		**0.0216**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**143**	**1,030**
	9/20/2016	N		**0.0205**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**174**	**995**
	5/8/2017	N		**0.0169**	--	< 0.004 U	--	< 0.01 U	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**165**	**944**
	9/20/2017	N		**0.0194**	--	**0.000881 J**	--	< 0.01 U	--	< 0.1 U	--	**0.000652 J**	--	--	--	--	--	--	--	**163**	**1,070**
	9/20/2017	FD		**0.0196**	--	**0.00117 J**	--	< 0.01 U	--	< 0.1 U	--	**0.000925 J**	--	--	--	--	--	--	--	**163**	**1,050**
	3/5/2003	N		--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**320**	**1,160**
	3/26/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**40,000**	**60,900**
	5/29/2003	N		--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**37,000**	--
	1/8/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**300**	--
	6/15/2004	N		--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**220**	--
	12/9/2004	N		--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**2,180**	--
	5/24/2005	N		--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,800**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW068	1/19/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.819**	**0.819**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,910**	**4,210**
	6/21/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.244**	**0.244**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**932**	**2,280**
	3/22/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0894**	**0.0894**	< 1 U	< 1 U	< 1 U	< 3 U	--	< 0.05 U	**128**	--
	9/7/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.367**	**0.367**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**1,250**	--
	3/25/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**1.02**	**1.02**	**1.5**	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**2,340**	**4,550**
	8/11/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**1.95**	**1.95**	**3.2**	< 1 U	< 1 U	< 3 U	**0.68**	< 0.05 U	**5,690**	**17,800**
	3/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.396**	**0.396**	**5.3**	**2.2**	**1.1**	< 3 U	**0.096**	< 0.05 U	**1,170**	**2,610**
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.588**	**0.588**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**2,110**	**3,500**
	3/9/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.054**	**0.531**	**0.531**	< 1 U	< 1 U	< 1 U	< 1 U	**0.113**	< 0.05 U	**1,420**	**3,110**
	8/11/2010	N	--	**0.022**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	**0.607**	**0.607**	< 1 U	< 2 U	< 1 U	< 1 U	**0.068**	< 0.05 U	**1,450**	**3,860**
	5/25/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**114**	**880**
	10/31/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**121**	**784**
	5/15/2013	N	**0.0113 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**120**	**820**
	11/6/2013	N	**0.0166 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**111**	**899**
	5/12/2014	N	**0.0171 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**124**	**798**
	11/5/2014	N	**0.00864 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.243**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**705**	**1,840**
	5/20/2015	N	**0.0164 J**	--	**0.000839 J**	--	--	< 0.0100 U	< 0.200 UJ	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**129**	**795**
	11/5/2015	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**118**	**885**
	5/13/2016	N	**0.0921**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**17,000**	**31,500**
	9/21/2016	N	< 0.00336 U	--	**0.0641**	--	< 0.01 U	--	**0.263**	--	**2.73**	--	--	--	--	--	--	--	**11,300**	**26,700**
	5/11/2017	N	**0.0193**	--	**0.00262 J**	--	< 0.01 U	--	**0.343**	--	**3.29**	--	--	--	--	--	--	--	**8,760**	**10,400**
	9/22/2017	N	**0.0163**	--	**0.00055 J**	--	< 0.01 U	--	**0.298**	--	**2.6**	--	--	--	--	--	--	--	**10,100**	**18,800**
	4/3/2018	Reg	--	**0.0148**	--	**0.000799 J**	--	< 0.0100 U	**0.32**	--	--	**2.33 J**	--	--	--	--	--	--	**11,700**	**14,300**
	9/13/2018	Reg	**0.0180 J**	--	< 0.0200 U	--	< 0.0100 U	--	--	**0.345 J**	**2.37**	--	--	--	--	--	--	--	**11,700**	**18,000**
MW069	3/5/2003	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**1,040**	**2,600**
	3/25/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**32,000**	**54,000**
	5/29/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**28,000**	--
	1/8/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**1,030**	--
	6/15/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**890**	--
	6/15/2004	FD	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**840**	--
	12/9/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**4,700**	--
	12/9/2004	FD	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**4,100**	--
	5/26/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**3,300**	--
	1/19/2006	N	--	< 0.02 U	--	**0.0481**	--	< 0.02 U	--	**0.847**	**0.118**	**0.118**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**4,330**	**9,030**
	6/21/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.114**	**0.114**	< 1 U	< 1 U	< 1 U	< 3 U	**0.26**	< 0.05 U	**2,400**	**5,470**
	3/22/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.62**	**1.55**	**1.55**	< 1 U	< 1 U	< 1 U	< 3 U	**0.49**	< 0.05 U	**1,490**	--
	9/7/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.208**	**0.208**	< 1 U	< 1 U	< 1 U	< 3 U	**0.5**	< 0.05 U	**2,600**	--
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.288**	**0.288**	**6.3**	**10**	**22**	**6.4**	**0.61**	**0.12**	**3,470**	**6,690**
	5/24/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.564**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**986**	**3,960**
	5/14/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.539**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**877**	**2,190**
	5/13/2014	N	**0.0132 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.576**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**817**	**1,460**
	5/21/2015	N	< 0.0200 U	--	**0.00110 J**	--	--	< 0.0100 U	< 0.200 U	--	**1.25**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**956**	**3,090**
	5/13/2016	N	**0.0646**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**20,900**	**29,000**
	9/21/2016	N	< 0.00336 U	--	**0.0425**	--	< 0.01 U	--	**0.0305 J**	--	**0.107**	--	--	--	--	--	--	--	**8,970**	**18,700**
	5/11/2017	N	**0.0157**	--	**0.00188 J**	--	< 0.01 U	--	**1.35**	--	**0.72**	--	--	--	--	--	--	--	**981**	**2,450**
	9/21/2017	N	**0.0151**	--	< 0.00400 U	--	--	< 0.0100 U	**0.282**	--	**0.778**	--	--	--	--	--	--	--	**715**	**2,120**
	3/29/2018	Reg	--	**0.014**	--	< 0.00400 U	--	< 0.0100 U	**0.456**	--	--	**0.78**	--	--	--	--	--	--	**846**	**1,730**
	9/13/2018	Reg	**0.0149**	--	< 0.00400 U	--	< 0.0100 U	--	--	**0.563**	**0.774**	--	--	--	--	--	--	--	**804**	**1,990**
MW070	3/6/2003	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**58**	**670**
	3/25/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**110**	--
	5/29/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**130**	--
	1/13/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**150**	--
	6/15/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**130**	--
	12/9/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**120**	--
	5/24/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**130**	--
	1/27/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0059**	**0.0059**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**155**	**682**
	6/22/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**163**	**703**
	3/29/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**191**	--
	9/11/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/12/2007	N	--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**46**	--
	3/25/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**275**	**896**
	8/5/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**237**	**912**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW070	3/16/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0058**	**0.0058**	**22**	**6.8**	**2.2**	< 3 U	< 0.095 U	**0.062**	**232**	**902**
	8/20/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.28**	< 0.05 U	**197**	**827**
	3/17/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.058**	< 0.05 U	**168**	**856**
	8/13/2010	N	--	**0.011**	--	< 0.050 U	--	**0.012**	--	< 0.10 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.05 U	< 0.05 U	**191**	**908**
	5/23/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**212**	**939**
	11/6/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**201**	**790**
	5/14/2013	N	**0.0208**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**192**	**821**
	10/30/2013	N	**0.0183 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0445**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**167**	**829**
	10/30/2013	FD	**0.0130 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0778**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**167**	**805**
	5/8/2014	N	**0.0183 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**172**	**737**
	11/10/2014	N	**0.0143 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00449 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**162**	**825**
	6/1/2015	N	**0.0123 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00793 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**179**	**836**
	11/9/2015	N	< 0.0200 UJ	--	**0.00391 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**208**	**846**
	5/16/2016	N	**0.0212**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**333**	**983**
	9/21/2016	N	**0.0041 J**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**287**	**979**
	5/11/2017	N	**0.0131**	--	**0.00191 J**	--	< 0.01 U	--	**0.00494 J**	--	**0.000213 J**	--	--	--	--	--	--	--	**298**	**672**
	9/21/2017	N	**0.0155**	--	**0.000718 J**	--	--	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	--	**287**	**1,040**
	3/29/2018	Reg	--	**0.0141**	--	< 0.00400 U	--	< 0.0100 U	< 0.1	--	--	**0.000337 J**	--	--	--	--	--	--	**350**	**956**
	3/29/2018	FD	--	**0.0133**	--	< 0.00400 U	--	< 0.0100 U	< 0.1	--	--	**0.00149 J**	--	--	--	--	--	--	**350**	**996**
	9/12/2018	REG	**0.0145**	--	**0.000838 J**	--	< 0.0100 U	--	--	< 0.100 U	**0.000481 J**	--	--	--	--	--	--	--	**387**	**1,120**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW070A	3/6/2003	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	**5**	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**53**	**490**
	3/25/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**47**	--
	5/29/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**47**	--
	1/13/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	6/16/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	12/15/2004	N	--	--	< 0.01 U	--	**0.005**	--	--	--	--	--	--	--	--	--	--	--	**60**	--
	6/1/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**50**	--
	1/27/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**61.8**	**540**
	6/22/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**45.7**	**506**
	3/29/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**46.4**	--
	9/11/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**283**	--
	3/25/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**54.2**	**515**
	8/5/2008	N	--	**0.0236**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**45**	**542**
	3/16/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0081**	**0.0081**	**38**	**10**	**3.2**	< 3 U	< 0.096 U	**0.11**	**45.6**	**510**
	8/20/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**46.3**	**545**
	3/17/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.219**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.077**	< 0.05 U	< 25 U	**636**
	5/23/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**45.3**	**480**
	5/14/2013	N	**0.0203**	--	**0.00406 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**46.8**	**541**
	5/8/2014	N	**0.0153 J**	--	**0.00293 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**52.9**	**462**
	6/1/2015	N	**0.0191 J**	--	**0.00274 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**47.1**	**471**
	5/16/2016	N	**0.0225**	--	**0.00245 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**53.1**	**310**
	5/11/2017	N	**0.0182**	--	**0.00348 J**	--	< 0.01 U	--	**0.00351 J**	--	**0.000259 J**	--	--	--	--	--	--	--	**49.3**	**414**
MW071SA	5/1/2003	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	**0.07**	**860**	**1,720**
	5/20/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**750**	--
	12/15/2003	N	--	--	**0.15**	--	**0.073**	--	--	--	--	--	--	--	--	--	--	--	**360**	--
	6/9/2004	N	--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.005 U	--	**2**	< 0.25 U	**0.05**	< 0.01 U	--	--	--	--	--	--	**140**	--
	6/23/2004	N	--	--	**0.01**	--	**0.008**	--	--	--	--	--	--	--	--	--	--	--	**140**	--
	7/8/2004	N	--	--	< 0.05 U	--	**0.008**	--	--	--	--	--	--	--	--	--	--	--	**140**	--
	7/27/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**130**	--
	8/9/2004	N	--	--	< 0.05 U	--	**0.006**	--	--	--	--	--	--	--	--	--	--	--	**140**	--
	8/24/2004	N	--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/5/2004	N	--	--	--	--	**0.11**	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/6/2004	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/20/2004	N	--	--	--	--	**0.17**	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/4/2004	N	--	--	--	--	**0.053**	--	--	--	--	--	--	--	--	--	--	--	--	--
	11/17/2004	N	--	--	--	--	**0.06**	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/2/2004	N	--	--	--	--	**0.009**	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/6/2005	N	--	--	**0.02**	--	**0.011**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**920**	--
	2/7/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/7/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/14/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/10/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/2/2005	N	--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	**1.38**	**1.3**	--	--	--	--	--	--	**1,050**	**2,160**
	7/7/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/25/2006	N	--	**0.0242**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**4.06**	**4.06**	**31**	**1.1**	**3**	**30**	**1.1**	**0.6**	**1,050**	**2,000**
	7/12/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**4.93**	**4.93**	< 1 U	< 1 U	< 1 U	< 3 U	**0.48**	**0.095**	**1,080**	**1,900**
	4/3/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.238**	**4.73**	**4.73**	< 1 U	< 1 U	< 1 U	< 3 U	**0.48**	< 0.05 U	**998**	--
	9/19/2007	N	--	**0.022**	--	< 0.015 U	--	< 0.02 U	--	**0.274**	**4.86**	**4.86**	< 1 U	< 1 U	< 1 U	< 3 U	**0.7**	< 0.05 U	**1,040**	--
	3/27/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**4.81**	**4.81**	< 1 U	< 1 U	< 1 U	< 3 U	**0.2**	< 0.05 U	**1,180**	--
	3/28/2008	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**2,600**
	8/12/2008	N	--	< 0.02 U	--	**0.0193**	--	< 0.02 U	--	< 0.2 U	**2.44**	**2.44**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,170**	**2,900**
	3/24/2009	N	--	< 0.02 U	--	**0.106**	--	**0.097**	--	< 0.2 U	**0.638**	**0.638**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**929**	**2,440**
	8/10/2009	N	--	< 0.02 U	--	**0.094**	--	**0.1**	--	< 0.2 U	**0.668**	**0.668**	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**1,000**	**2,810**
	3/4/2010	N	--	< 0.05 U	--	**0.214**	--	**0.238**	--	**0.135**	< 0.05 U	< 0.05 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.053**	< 0.05 U	**763**	**2,470**
	8/5/2010	N	--	**0.01**	--	**0.193**	--	**0.206**	--	< 0.1 U	**0.285**	**0.285**	< 1 U	< 2 U	< 1 U	< 1 U	**0.074**	< 0.05 U	**623**	**2,380**
	5/8/2012	N	< 0.0100 U	--	**0.0174**	--	--	< 0.0100 U	< 0.200 U	--	**0.0888**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**109**	**749**
	11/1/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.168**	**0.168**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**111**	**732**
	5/7/2013	N	**0.0194 J**	--	**0.00425 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.203**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**119**	**718**
	10/30/2013	N	**0.0215**	--	**0.00507 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.22**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**103**	**738**
	5/16/2014	N	**0.0201**	--	**0.00635 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.208**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**121**	**758**
	11/12/2014	N	**0.0125 J**	--	**0.00368 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**103**	**725**
	5/14/2015	N	**0.0138 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.206**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**153**	**803**
	11/11/2015	N	**0.0133 J**	--	**0.00181 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00600 J**	--	--	--	--	--	--	--	**108**	**713 J**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW071SA	5/18/2016	N	**0.0111**	--	**0.0313**	--	**0.0143**	--	--	--	--	--	--	--	--	--	--	--	**565**	**1,920**
	9/19/2016	N	< 0.00336 U	--	**0.0203**	--	**0.0104**	--	**0.00925 J**	--	**0.153**	--	--	--	--	--	--	--	**639**	**2,110**
	5/9/2017	N	**0.00711**	--	**0.00348 J**	--	< 0.01 U	--	**0.252 J**	--	**0.389**	--	--	--	--	--	--	--	**590**	**1,750**
	9/20/2017	N	**0.00923**	--	**0.00315 J**	--	< 0.01 U	--	**0.155**	--	**0.299**	--	--	--	--	--	--	--	**495**	**1,380**
	3/22/2018	Reg	--	**0.00852**	--	**0.00884**	--	< 0.0100 U	< 0.1	--	--	**0.142**	--	--	--	--	--	--	**560**	**1,410**
	9/12/2018	Reg	**0.00951**	--	**0.00142 J**	--	< 0.0100 U	--	--	**0.100 J**	**0.293**	--	--	--	--	--	--	--	**613**	**1,580**
MW072SA	5/1/2003	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.23 U	< 0.05 U	**590**	**1,690**
	5/20/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**550**	--
	12/15/2003	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	6/17/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**350**	--
	12/20/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**400**	--
	2/23/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	3/30/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/25/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/25/2005	N	--	**0.01**	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**360**	**1,650**
	6/30/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/18/2005	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	--	--
	1/23/2006	N	--	**0.0216**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**340**	**1,490**
	6/28/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**2.5**	**3**	< 3 U	< 0.096 U	< 0.05 U	**389**	**1,430**
	4/3/2007	N	--	**0.0205**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**331**	--
	9/14/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**306**	--
	3/27/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**327**	**1,420**
	8/12/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0051**	**0.0051**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**344**	**1,400**
	3/17/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**14**	**4.4**	**1.6**	< 3 U	< 0.097 U	< 0.05 U	**301**	**1,370**
	8/21/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**351**	--
	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.12**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**218**	**1,540**
	8/16/2010	N	--	**0.03**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.062**	< 0.05 U	**225**	**1,240**
	5/15/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**332 J**	**1,130**
	11/2/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**375**	**1,290**
	5/8/2013	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**302**	**1,380**
	10/31/2013	N	**0.0167 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0345**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**320**	**1,450**
	5/15/2014	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**337**	**1,250**
	11/12/2014	N	**0.022**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**232**	**1,090**
	5/14/2015	N	**0.0206**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**271**	**1,220**
	11/11/2015	N	**0.0213**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**249**	**1250 J**
	5/17/2016	N	**0.0203**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**182**	**1,220**
	9/19/2016	N	**0.00771 J**	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**239**	**1,230**
	5/9/2017	N	**0.0154**	--	**0.00268 J**	--	< 0.01 U	--	**0.0048 J**	--	< 0.002 U	--	--	--	--	--	--	--	**262**	**1,150**
	9/20/2017	N	**0.017**	--	**0.00101 J**	--	< 0.01 U	--	< 0.1 U	--	**0.00051 J**	--	--	--	--	--	--	--	**273**	**1,190**
	3/22/2018	Reg	--	**0.0148**	--	**0.000617 J**	--	< 0.0100 U	**0.0909**	--	--	**0.00382**	--	--	--	--	--	--	**231**	**882**
	9/12/2018	Reg	**0.0179**	--	< 0.00400 U	--	< 0.0100 U	--	--	< 0.100 U	**0.000362 J**	--	--	--	--	--	--	--	**238**	**1,090**
MW073SA	4/30/2003	N	--	< 0.05 U	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	**2**	< 2 U	< 2 U	< 0.23 U	< 0.05 U	**370**	**1,220**
	5/20/2003	N	--	--	--	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**490**	--
	12/15/2003	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	6/17/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**390**	--
	12/16/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**320**	--
	5/31/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**310**	--
	1/20/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.219**	**0.0066**	**0.0066**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**355**	**1,270**
	6/28/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**2.4**	**2.9**	< 3 U	< 0.097 U	< 0.05 U	**376**	**1,290**
	4/3/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**302**	--
	9/13/2007	N	--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**283**	--
	3/27/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0077**	**0.0077**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**287**	**1,230**
	8/12/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.008**	**0.008**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**273**	**1,260**
	3/17/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**7.8**	**2.9**	**1.3**	< 3 U	< 0.098 U	< 0.05 U	**283**	**1,190**
	8/21/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**732**	--
	3/12/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.138**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**219**	**1,290**
	8/9/2010	N	--	**0.016**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.059**	< 0.05 U	**257**	**1,190**
	5/15/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**245 J**	**1,150**
	11/2/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**234**	**1,020**
	5/8/2013	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**225**	**1,070**
	5/16/2014	N	**0.0135 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**295**	**1,080**
	11/12/2014	N	**0.0190 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00434 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**299**	**1,140**

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		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	11/12/2014	FD	**0.0119 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**297**	**1,140**
	5/14/2015	N	**0.0138 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**314**	**1,120**
	11/11/2015	N	**0.0169 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**268**	**995 J**
	5/17/2016	N	**0.0122**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**256**	**1,010**
	9/19/2016	N	< 0.00336 U	--	< 0.00136 U	--	< 0.01 U	--	< 0.00616 U	--	**0.00153 J**	--	--	--	--	--	--	--	**232**	**1,070**
MW073SA	5/9/2017	N	**0.0112**	--	**0.0023 J**	--	< 0.01 U	--	**0.0147 J**	--	**0.0112**	--	--	--	--	--	--	--	**409**	**902**
	9/20/2017	N	**0.0128**	--	**0.00085 J**	--	< 0.01 U	--	< 0.1 U	--	**0.00351**	--	--	--	--	--	--	--	**250**	**886**
	3/22/2018	Reg	--	**0.0118**	--	< 0.00400 U	--	< 0.0100 U	< 0.1	--	--	**0.000798**	--	--	--	--	--	--	**189**	**3,270**
	9/12/2018	Reg	**0.0112**	--	< 0.00400 U	--	< 0.0100 U	--	--	**0.231**	**0.00136 J**	--	--	--	--	--	--	--	**229**	**965**
	2/4/2004	N	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**0.9**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.3 U	< 0.05 U	**650**	**2,550**
	6/10/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**600**	--
	12/7/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	--	< 0.05 U	**670**	--
	5/31/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**590**	--
	5/31/2005	FD	--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**590**	--
	1/18/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**623**	**2,740**
	6/20/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**659**	**2,910**
	4/3/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**653**	--
	9/6/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**638**	--
	3/20/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.8**	< 3 U	< 0.096 U	< 0.05 U	**607**	**2,560**
	8/6/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**586**	**2,190**
	3/16/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0067**	**0.0067**	**23**	**6.8**	**2.2**	< 3 U	**0.12**	**0.069**	**491**	**2,060**
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**634**	**2,020**
MW074SA	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.077**	< 0.050 U	< 0.050 U	**1.4**	< 1 U	**1.1**	< 1 U	**0.216**	< 0.05 U	**406**	**2,100**
	8/16/2010	N	--	**0.023**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**361**	**2,180**
	5/16/2012	N	< 0.0100 U	--	**0.0135**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**596 J**	**2,210**
	10/31/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**584**	**1,790**
	5/7/2013	N	**0.0116 J**	--	**0.0149**	--	--	**0.00610 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**542**	**2,100**
	10/31/2013	N	**0.0128 J**	--	**0.0111**	--	--	**0.0113**	< 0.200 U	--	**0.053**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**500**	**2,070**
	5/14/2014	N	**0.0199 J**	--	**0.00988 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00841 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**596 J**	**2,150**
	11/11/2014	N	**0.00628 J**	--	**0.00908 J**	--	--	**0.0104**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**450**	**2,100**
	5/13/2015	N	< 0.0200 U	--	**0.00813 J**	--	--	**0.00890 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**449**	**1,980**
	11/10/2015	N	**0.0208**	--	**0.00733 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**377**	**1,860**
	5/17/2016	N	**0.0219**	--	**0.00505 J**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**273**	**1,670**
	9/19/2016	N	< 0.00336 U	--	**0.00861 J**	--	< 0.01 U	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**339**	**1,670**
	5/9/2017	N	**0.0122**	--	**0.00866**	--	**0.0044 J**	--	**0.0776 J**	--	**0.0017 J**	--	--	--	--	--	--	--	**394**	**1,610**
	9/20/2017	N	**0.0131**	--	**0.00754**	--	< 0.01 U	--	< 0.1 U	--	**0.000218 J**	--	--	--	--	--	--	--	**382**	**1,700**
	3/22/2018	Reg	--	**0.0125**	--	**0.00601**	--	< 0.0100 U	< 0.1	--	--	< 0.002	--	--	--	--	--	--	**350**	**1,580**
	9/12/2018	Reg	**0.0152**	--	**0.00517**	--	< 0.0100 U	--	--	< 0.100 U	**0.000226 J**	--	--	--	--	--	--	--	**376**	**1,510**
	2/5/2004	N	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**1.6**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**930**	**2,790**
	6/10/2004	N	--	--	< 0.05 U	--	**0.052**	--	--	--	--	--	--	--	--	--	--	--	**800**	--
	12/7/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**930**	--
	6/1/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	**800**	--
	1/19/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**795**	**2,780**
MW075SA	6/21/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**826**	**2,660**
	4/3/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.224**	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**641**	--
	9/6/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**607**	--
	3/20/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.0005 U	< 0.0005 U	< 1 U	< 1 U	**1.3**	< 3 U	< 0.096 U	< 0.05 U	**660**	--
	8/6/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**645**	**2,330**
	3/16/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	**15**	**4.9**	**1.8**	< 3 U	< 0.095 U	< 0.05 U	**598**	**2,400**
	8/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**586**	**2,400**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW075SA	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.101**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**354**	**2,450**
	8/16/2010	N	--	**0.024**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**375**	**2,270**
	5/9/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**531**	**2,370**
	10/30/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**535**	**2,260**
	5/6/2013	N	**0.0103 J**	--	< 0.0100 UJ	--	--	< 0.0100 U	**0.0227 J**	--	< 0.0200 U	--	**0.590 J**	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**529**	**2,120**
	10/30/2013	N	**0.0125 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**405**	**2,120**
	5/14/2014	N	**0.0217**	--	**0.00211 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**444 J**	**2,090**
	11/11/2014	N	**0.0148 J**	--	**0.00369 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.00954 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**400**	**2,050**
	5/15/2015	N	**0.0152 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**403**	**1,890**
	11/10/2015	N	**0.0209**	--	**0.00673 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**382**	**1,910**
	5/17/2016	N	**0.0164**	--	**0.00392 J**	--	**0.0062 J**	--	--	--	--	--	--	--	--	--	--	--	**316**	**1,580**
	9/19/2016	N	< 0.00336 U	--	**0.00847 J**	--	**0.0075 J**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**387**	**1,840**
	5/8/2017	N	**0.0125**	--	**0.0112**	--	**0.0084 J**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**397**	**1,820**
	9/20/2017	N	**0.0143**	--	**0.0135**	--	**0.0065 J**	--	< 0.1 U	--	**0.000256 J**	--	--	--	--	--	--	--	**377**	**1,880**
	3/22/2018	Reg	--	**0.0123**	--	**0.0121**	--	< 0.0100 U	< 0.1	--	--	< 0.002	--	--	--	--	--	--	**362**	**1,730**
	9/11/2018	Reg	**0.0152**	--	**0.0135**	--	**0.00660 J**	--	--	< 0.100 U	**0.000321 J**	--	--	--	--	--	--	--	**399**	**1,670**
MW076SA	2/4/2004	N	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**8.5**	< 0.05 U	**0.14**	< 2 U	< 2 U	< 2 U	< 6 U	**0.31**	< 0.05 U	**440**	**1,730**
	6/10/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**400**	--
	12/7/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	--	--	--	--	--	--	**470**	--
	6/1/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**450**	--
	1/19/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**463**	**2,220**
	1/19/2006	FD	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**463**	**2,230**
	6/21/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**500**	**2,100**
	4/3/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**489**	--
	9/7/2007	N	--	**0.015**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**506**	--
	3/20/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.6**	< 3 U	< 0.098 U	< 0.05 U	**547**	**2,280**
	8/6/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**533**	**2,120**
	3/16/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0057**	**0.0057**	**12**	**4.1**	**1.6**	< 3 U	< 0.095 U	< 0.05 U	**536**	**2,140**
	8/21/2009	N	--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**819**	--
	3/16/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	**0.111**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.055**	< 0.05 U	**465**	**2,180**
	8/16/2010	N	--	**0.025**	--	< 0.050 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.050 U	< 0.05 U	**460**	**2,110**
	5/9/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**432**	**2,220**
	10/30/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**426**	**1,970**
	5/7/2013	N	**0.00936 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**394**	**1,930**
	10/30/2013	N	**0.0206**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0442**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**358**	**2,100**
	5/14/2014	N	**0.0193 J**	--	**0.00211 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**397 J**	**1,940**
	5/14/2014	FD	**0.0185 J**	--	**0.00233 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**413 J**	**2,080**
	11/11/2014	N	**0.0105 J**	--	**0.00312 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**365**	**2,110**
	5/15/2015	N	**0.0153 J**	--	< 0.0100 U	--	--	**0.00560 J**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**457**	**2,080**
	11/11/2015	N	**0.0238**	--	**0.00865 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**423**	**2450 J**
	5/18/2016	N	**0.0162**	--	**0.0139**	--	**0.0058 J**	--	--	--	--	--	--	--	--	--	--	--	**480**	**2,180**
	9/19/2016	N	< 0.00336 U	--	**0.0119**	--	**0.0071 J**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**508**	**2,320**
	5/8/2017	N	**0.0103**	--	**0.012**	--	**0.0092 J**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**580**	**2,170**
	9/20/2017	N	**0.0119**	--	**0.0146**	--	**0.0076 J**	--	< 0.1 U	--	**0.000882 J**	--	--	--	--	--	--	--	**623**	**2,060**
	3/22/2018	Reg	--	**0.0109**	--	**0.0128**	--	**0.00300 J**	**0.0973**	--	--	**0.00196**	--	--	--	--	--	--	**579**	**2,020**
	9/11/2018	Reg	**0.013**	--	**0.0137**	--	**0.00580 J**	--	--	**0.0231 J**	**0.000582 J**	--	--	--	--	--	--	--	**583**	**1,850**
MW077SA	2/3/2004	N	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**4.6**	< 0.05 U	**0.12**	< 2 U	< 2 U	< 2 U	< 6 U	**0.46**	< 0.05 U	**880**	**1,700**
	6/14/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**340**	--
	12/8/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	**52**	**71**	**39**	**250**	< 0.25 U	< 0.05 U	**390**	--
	6/1/2005	N	--	--	**0.03**	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**2,080**	--
	1/19/2006	N	--	< 0.02 U	--	**0.03**	--	**0.028**	--	< 0.2 U	**0.0095**	**0.0095**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,760**	**4,470**
	6/21/2006	N	--	< 0.02 U	--	**0.0343**	--	**0.023**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.05 U	**1,660**	**4,140**
	6/21/2006	FD	--	< 0.02 U	--	**0.0317**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.05 U	**1,710**	**4,260**
	4/11/2007	N	--	< 0.02 U	--	**0.0301**	--	**0.028**	--	< 0.2 U	**0.0136**	**0.0136**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,900**	--
	9/6/2007	N	--	< 0.02 U	--	**0.0197**	--	< 0.02 U	--	< 0.2 U	**0.0136**	**0.0136**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**1,760**	--
	4/8/2008	N	--	< 0.02 U	--	**0.0233**	--	**0.029**	--	< 0.2 U	**0.0156**	**0.0156**	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**1,680**	**3,940**
	8/19/2008	N	--	< 0.02 U	--	**0.0481**	--	**0.044**	--	< 0.2 U	**0.0054**	**0.0054**	< 1 U	< 1 U	**1.4**	< 3 U	**0.11**	< 0.05 U	**1,960**	**5,010**
	3/25/2009	N	--	< 0.02 U	--	**0.0294**	--	**0.022**	--	< 0.2 U	**0.0051**	**0.0051**	< 1 U	< 1 U	< 1 U	< 3 U	**0.097**	< 0.05 U	**1,170**	**3,100**
	8/18/2009	N	--	< 0.02 U	--	**0.0157**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	**755**	**2,690**
	3/4/2010	N	--	**0.44**	--	< 0.05 U	--	< 0.01 U	--	**0.098**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.051**	< 0.05 U	**701**	**2,600**
	8/5/2010	N	--	**0.015**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.061**	< 0.05 U	**609**	**2,400**
	5/9/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**536**	**1,740**

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		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW077SA	11/1/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	--	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	718	1,930
	5/6/2013	N	< 0.0200 U	--	< 0.0100 U	--	--	--	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	416	1,380
MW078SA	3/24/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	0.3	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	0.94	< 0.05 U	220	1,100
	4/6/2004	N	--	< 0.01 U	--	< 0.05 U	--	--	--	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	--	--
	6/14/2004	N	--	--	< 0.05 U	--	< 0.005 U	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	220	--
	12/8/2004	N	--	--	< 0.01 U	--	< 0.005 U	--	--	--	--	--	50	84	69	220	< 0.25 U	< 0.05 U	220	--
	6/1/2005	N	--	--	< 0.01 U	--	--	--	--	--	--	--	--	--	--	--	--	--	170	--
	1/19/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	191	897
	6/21/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	201	936
	4/5/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	191	--
	9/6/2007	N	--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	--
	9/7/2007	N	--	--	--	< 0.015 U	--	< 0.02 U	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	155	--
	3/26/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	191	823
	8/11/2008	N	--	< 0.02 U	--	0.005	--	< 0.02 U	--	< 0.2 U	0.005	0.005	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	158	855
	3/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.0069	0.0069	3.2	1.3	< 1 U	< 3 U	< 0.096 U	< 0.05 U	172	845
	8/20/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	159	790
	3/11/2010	N	--	< 0.05 U	--	< 0.050 U	--	< 0.01 U	--	0.117	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	0.072	< 0.05 U	137	716
	8/10/2010	N	--	0.015	--	< 0.050 U	--	0.01	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	0.123	< 0.05 U	183	794
	5/16/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	184 J	845
	11/2/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	165	826
	5/8/2013	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	161	839
	11/4/2013	N	0.0104 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0180 J	--	0.540 J	< 2.00 U	< 1.00 U	3.73	--	--	132	793
	5/15/2014	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	167	826
	11/13/2014	N	0.0227	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	155	840
	5/13/2015	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	197	1,010
	11/12/2015	N	0.00966 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	215	875
	11/12/2015	FD	0.0113 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	215	914
MW079SA	3/18/2004	N	--	0.01	< 0.05 U	0.11	0.078	--	0.4	2.4	0.1	0.06	< 2 U	< 2 U	< 2 U	< 6 U	< 0.27 U	< 0.05 U	970	2,490
	6/3/2004	N	--	0.02	< 0.05 U	< 0.05 U	< 0.005 U	--	1	18.9	0.78	0.89	--	--	--	--	--	--	1,010	--
	7/7/2004	N	--	< 0.05 U	< 0.2 U	< 0.2 U	< 0.1 U	--	56.8	66.3	17	22.6	--	--	--	--	--	--	1,100	--
	8/17/2004	N	--	< 0.1 U	< 0.05 U	< 0.5 U	< 0.005 U	--	2.9	46	1.11	20	--	--	--	--	--	--	800	--
	10/10/2004	N	--	< 0.01 U	0.08	0.1	< 0.1 U	--	< 0.1 U	< 0.1 U	2.87	3.41	--	--	--	--	--	--	1,130	--
	11/22/2004	N	--	0.006	0.01	0.016	< 0.005 U	--	4.29	8.2	1.94	2.3	--	--	--	--	--	--	860	3,620
	1/5/2005	N	--	< 0.01 U	0.01	< 0.01 U	< 0.005 U	--	1.96	4.43	1.47	1.35	--	--	--	--	--	--	850	3,400
	1/27/2005	N	--	< 0.01 U	0.02	0.02	< 0.005 U	--	6.91	9.28	0.98	0.96	--	--	--	--	--	--	810	4,570
	2/16/2005	N	--	< 0.01 U	0.02	0.03	< 0.02 U	--	20.7	49.5	1.14	1.42	--	--	--	--	--	--	840	5,400
	3/15/2005	N	--	< 0.01 U	0.01	0.02	< 0.005 U	--	6.48	9.63	1.06	1.12	--	--	--	--	--	--	720	4,040
	4/18/2005	N	--	< 0.01 U	0.02	0.02	< 0.005 U	--	10.5	10.2	1.36	1.35	--	--	--	--	--	--	730	4,040
	6/2/2005	N	--	< 0.01 U	0.01	0.01	< 0.05 U	--	3.08	5.31	1.16	1.16	--	--	--	--	--	--	740	3,760
	6/20/2005	N	--	< 0.01 U	0.01	0.01	< 0.005 U	--	1.44	4.69	0.99	0.97	--	--	--	--	--	--	800	3,860
	7/20/2005	N	--	< 0.01 U	0.01	0.01	< 0.005 U	--	1.97	4.53	0.93	0.91	--	--	--	--	--	--	710	3,600
	2/3/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	1.63	0.435	0.435	< 1 U	< 1 U	< 1 U	< 3 U	< 6 U	< 6 U	917	2,560
	7/18/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	0.3	0.269	0.269	< 1 U	< 1 U	< 1 U	< 3 U	0.14	< 0.05 U	774	2,190
	3/28/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	2.21	0.176	0.176	< 1 U	< 1 U	< 1 U	< 3 U	0.14	< 0.05 U	508	--
	9/7/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	0.257	0.178	0.178	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	418	--
	4/2/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	2.43	0.128	0.128	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	373	1,420
	8/6/2008	N	--	< 0.02 U	--	0.0195	--	< 0.02 U	--	< 0.2 U	0.153	0.153	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	340	1,320
	3/24/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.146	0.146	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	322	1,290
	8/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	0.0893	0.0893	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	398	1,240
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	0.219	0.059	0.059	< 1 U	< 2 U	< 1 U	< 1 U	< 0.052 U	< 0.05 U	249	1,250
	8/4/2010	N	--	< 0.01 U	--	< 0.05 U	--	< 0.01 U	--	0.244	0.054	0.054	55	42	< 20 U	< 20 U	0.09	0.093	287	1,270
	5/9/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	0.0355	< 0.200 U	--	0.0671	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	327	1,310
	11/7/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	0.214	0.0585	0.0585	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	348	1,320
	11/1/2013	N	0.00919 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0225	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	338	1,360
	5/15/2014	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0353	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	329	1,440
	11/13/2014	N	0.0189 J	--	0.00100 J	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	365	1,430
	5/13/2015	N	< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0132 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	344	1,410
	11/12/2015	N	0.00631 J	--	0.00165 J	--	--	< 0.0100 U	< 0.200 U	--	0.00935 J	--	--	--	--	--	--	--	325	1,280
	5/17/2016	N	0.00693 J	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	222	1,140
	9/20/2016	N	< 0.00336 U	--	0.00159 J	--	< 0.01 U	--	0.0119 J	--	0.0029 J	--	--	--	--	--	--	--	282	1,170
	5/8/2017	N	0.00324	--	< 0.004 U	--	< 0.01 U	--	0.428	--	0.0566	--	--	--	--	--	--	--	303	1,130
	9/20/2017	N	0.00748	--	0.00105 J	--	< 0.01 U	--	0.101	--	0.0251	--	--	--	--	--	--	--	308	1,220

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/23/2018	Reg	--	**0.00663**	--	< 0.00400 U	--	< 0.0100 U	**0.335**	--	--	**0.0531**	--	--	--	--	--	--	**278**	**635**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW079SA	9/12/2018	Reg	**0.00709**	--	**0.000775 J**	--	< 0.0100 U	--	--	**0.176**	**0.0406**	--	--	--	--	--	--	--	**270**	**1,140**
	9/12/2018	FD	**0.00707**	--	**0.000783 J**	--	< 0.0100 U	--	--	**0.184**	**0.042**	--	--	--	--	--	--	--	**269**	**1,030**
MW080SA	3/17/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	**0.029**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	**0.28**	< 0.05 U	**660**	**1,850**
	6/3/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	**0.028**	--	< 0.1 U	**1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**800**	--
	7/7/2004	N	--	**0.038**	**0.025**	**0.022**	< 0.02 U	--	**22**	**21**	**12**	**9.8**	--	--	--	--	--	--	**1,400**	--
	8/17/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	**0.023**	--	**1.5**	**1.5**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**700**	--
	10/11/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**720**	--
	11/23/2004	N	--	< 0.01 U	**0.03**	**0.03**	**0.019**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**980**	**2,390**
	1/5/2005	N	--	< 0.01 U	**0.03**	**0.03**	**0.019**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**760**	**2,100**
	1/27/2005	N	--	< 0.01 U	**0.02**	**0.02**	**0.007**	--	< 0.4 U	< 0.4 U	< 0.01 U	**0.01**	--	--	--	--	--	--	**680**	**2,370**
	2/16/2005	N	--	< 0.01 U	**0.02**	**0.02**	< 0.005 U	--	< 0.4 U	< 0.4 U	**0.01**	**0.01**	--	--	--	--	--	--	**830**	**2,360**
	3/16/2005	N	--	< 0.01 U	**0.02**	**0.02**	< 0.005 U	--	< 0.4 U	< 0.4 U	**0.01**	**0.02**	--	--	--	--	--	--	**710**	**2,110**
	4/18/2005	N	--	< 0.01 U	**0.02**	**0.03**	**0.014**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**700**	**1,800**
	6/2/2005	N	--	< 0.01 U	**0.02**	**0.02**	**0.016**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**720**	**2,330**
	6/20/2005	N	--	< 0.01 U	**0.01**	**0.02**	< 0.005 U	--	**1.66**	**1.1**	**0.06**	**0.03**	--	--	--	--	--	--	**730**	**2,350**
	6/20/2005	FD	--	**0.01**	**0.01**	**0.01**	< 0.005 U	--	**1.6**	**1.59**	**0.07**	**0.07**	--	--	--	--	--	--	**750**	**2,360**
	7/20/2005	N	--	< 0.01 U	**0.02**	**0.02**	< 0.005 U	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**700**	**2,200**
	2/2/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0275**	**0.0275**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**615**	**1,850**
	7/18/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0135**	**0.0135**	< 1 U	< 1 U	< 1 U	< 3 U	**0.13**	< 0.05 U	**504**	**1,800**
	3/28/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0168**	**0.0168**	< 1 U	< 1 U	< 1 U	< 3 U	**0.26**	**0.059**	**403**	--
	9/7/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0134**	**0.0134**	< 1 U	< 1 U	< 1 U	< 3 U	**0.13**	< 0.05 U	**344**	--
	4/2/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0214**	**0.0214**	< 1 U	< 1 U	< 1 U	< 3 U	**0.25**	**0.071**	**332**	**1,370**
	8/6/2008	N	--	< 0.02 U	--	**0.0195**	--	< 0.02 U	--	< 0.2 U	**0.0246**	**0.0246**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**305**	**1,220**
	3/23/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**280**	**1,250**
	8/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**735**	**1,160**
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.048**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.053 U	< 0.05 U	**229**	**1,170**
	8/4/2010	N	--	**0.012**	--	< 0.05 U	--	< 0.01 U	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.058**	< 0.05 U	**235**	**1,100**
	5/9/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**291**	**1,110**
	11/7/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**295**	**1,100**
MW081SA	3/25/2004	N	--	< 0.01 U	**0.15**	**0.16**	**0.086**	--	**0.1**	**9.8**	< 0.05 U	**0.18**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**1,020**	**2,780**
	6/3/2004	N	--	**0.06**	**0.06**	**0.05**	< 0.1 U	--	**26.8**	**24.4**	**13.2**	**12.2**	--	--	--	--	--	--	**1,010**	--
	7/7/2004	N	--	**0.012**	**0.022**	**0.022**	**0.05**	--	< 0.05 U	**1**	< 0.01 U	**0.02**	--	--	--	--	--	--	**1,100**	--
	8/17/2004	N	--	**0.03**	**0.07**	**0.08**	< 0.1 U	--	**35.1**	**35.5**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,000**	--
	10/10/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**2.4**	**2.4**	**2.5**	**2.75**	--	--	--	--	--	--	**950**	--
	11/23/2004	N	--	< 0.01 U	**0.04**	**0.04**	< 0.005 U	--	**0.42**	**0.81**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,070**	**3,850**
	1/5/2005	N	--	< 0.01 U	**0.02**	**0.03**	< 0.005 U	--	< 0.4 U	**0.77**	**1.95**	**3.16**	--	--	--	--	--	--	**1,020**	**3,110**
	1/13/2005	N	--	< 0.01 U	**0.03**	**0.03**	< 0.005 U	--	**3.27**	**2.59**	**2.69**	**2.24**	--	--	--	--	--	--	**1,030**	**2,960**
	1/27/2005	N	--	< 0.01 U	**0.03**	**0.02**	< 0.005 U	--	< 0.4 U	**0.4**	**0.01**	**1.96**	--	--	--	--	--	--	**920**	**3,120**
	2/16/2005	N	--	**0.01**	**0.01**	**0.03**	< 0.005 U	--	**0.78**	**0.9**	**2.87**	< 0.01 U	--	--	--	--	--	--	**1,060**	**3,340**
	3/16/2005	N	--	**0.01**	< 0.01 U	**0.01**	< 0.005 U	--	**0.98**	**1.06**	**2.73**	**4.31**	--	--	--	--	--	--	**950**	**2,070**
	4/19/2005	N	--	**0.01**	< 0.01 U	**0.01**	< 0.005 U	--	**0.74**	**0.65**	**2.41**	**4.64**	--	--	--	--	--	--	**920**	**3,060**
	6/2/2005	N	--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.005 U	--	**0.47**	**0.82**	**1.72**	**3.21**	--	--	--	--	--	--	**970**	**3,000**
	6/21/2005	N	--	< 0.05 U	< 0.05 U	< 0.05 U	< 0.005 U	--	**0.44**	**0.93**	**13.3**	**14**	--	--	--	--	--	--	**1,000**	**3,160**
	7/20/2005	N	--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.005 U	--	**0.94**	**1.55**	**0.96**	**1.11**	--	--	--	--	--	--	**990**	**3,020**
	2/2/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**2.24**	**0.356**	**0.356**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,060**	**2,820**
	7/18/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.511**	**0.301**	**0.301**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,120**	**2,550**
	3/28/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.07**	**0.506**	**0.506**	< 1 U	< 1 U	< 1 U	< 3 U	**0.17**	< 0.05 U	**765**	--
	9/7/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**1.13**	**0.23**	**0.23**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**582**	--
	4/2/2008	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.56**	**0.0919**	**0.0919**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**483**	**1,640**
	8/6/2008	N	--	< 0.02 U	--	**0.0195**	--	< 0.02 U	--	**1.76**	**0.0916**	**0.0916**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**439**	**1,520**
	3/23/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.297**	**0.0821**	**0.0821**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**510**	**1,940**
	8/18/2009	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**0.0742**	**0.0742**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,340**	**1,640**
	3/3/2010	N	--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.095**	**0.055**	**0.055**	< 1 U	< 2 U	< 1 U	< 1 U	**0.101**	< 0.05 U	**485**	**1,760**
	8/4/2010	N	--	**0.011**	--	< 0.05 U	--	< 0.01 U	--	**3.61**	**0.063**	**0.063**	< 1 U	< 2 U	< 1 U	< 1 U	**0.069**	< 0.05 U	**515**	**1,710**
	5/9/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0281**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**457**	**1,920**
	11/7/2012	N	--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.0712**	**0.0712**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**565**	**1,490**
	5/8/2013	N	< 0.0200 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.233**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**567**	**2,000**
MW082SA	3/25/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	**0.006**	--	**0.2**	**3.3**	< 0.05 U	**0.09**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.26 U	< 0.05 U	**1,200**	**3,420**
	6/8/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	**9**	**13**	**5.74**	**9.12**	--	--	--	--	--	--	**1,300**	--
	7/21/2004	N	--	< 0.01 U	**0.08**	**0.12**	< 0.1 U	--	**37.8**	**51**	**22.7**	**30.5**	--	--	--	--	--	--	**1,600**	--
	8/23/2004	N	--	< 0.1 U	**0.2**	**0.2**	< 0.1 U	--	**97.4**	**154**	**24.6**	**27.8**	--	--	--	--	--	--	**1,950**	--
	10/19/2004	N	--	< 0.1 U	**1.6**	**1.8**	< 0.005 U	--	**1250**	**1600**	**54.4**	**94.4**	--	--	--	--	--	--	**1,280**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	12/8/2004	N		--	< 0.01 U	**0.2**	**4**	< 0.005 U	--	**1800**	**184**	< 0.01 U	< 0.1 U	--	--	--	--	--	--	**1,340**	**8,360**
	1/12/2005	N		--	< 0.01 U	**0.07**	**0.07**	< 0.02 U	--	**16.3**	**15.7**	**1.66**	< 0.01 U	--	--	--	--	--	--	**1,310**	**4,880**
MW082SA	2/2/2005	N		--	< 0.1 U	**2**	**3.3**	< 0.05 U	--	**187**	**327**	**13.8**	**21**	--	--	--	--	--	--	**1,230**	**8,270**
	3/1/2005	N		--	< 0.1 U	**0.1**	**0.2**	< 0.1 U	--	**151**	**305**	**4**	**9.9**	--	--	--	--	--	--	**1,170**	**7,310**
	3/24/2005	N		--	< 0.1 U	**0.2**	**0.2**	< 0.005 U	--	**215**	**220**	**3.4**	**3.5**	--	--	--	--	--	--	**900**	**7,290**
	4/27/2005	N		--	< 0.01 U	**0.13**	**0.17**	< 0.05 U	--	< 0.4 U	< 0.4 U	**2.75**	**3.54**	--	--	--	--	--	--	**980**	**7,340**
	5/25/2005	N		--	< 0.01 U	**0.01**	**0.02**	< 0.01 U	--	**15.8**	**38.7**	**0.29**	**0.66**	--	--	--	--	--	--	**1,000**	**6,950**
	6/28/2005	N		--	< 0.05 U	**0.09**	**0.11**	< 0.05 U	--	**51.3**	**66.2**	**3.15**	**3.67**	--	--	--	--	--	--	**990**	**6,880**
	7/14/2005	N		--	< 0.01 U	**0.09**	**0.09**	< 0.05 U	--	< 0.4 U	< 0.4 U	**2.93**	**2.89**	--	--	--	--	--	--	**910**	**7,970**
	2/3/2006	N		--	**0.0809**	--	**0.0364**	--	< 0.02 U	--	**2.2**	**1.06**	**1.06**	< 10 U	< 10 U	< 10 U	< 30 U	< 6 U	< 6 U	**940**	**3,440**
	7/14/2006	N		--	**0.0226**	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	**1.15**	**1.15**	< 1 U	< 1 U	< 1 U	< 3 U	**0.48**	< 0.05 U	**1,210**	**3,620**
	3/22/2007	N		--	< 0.02 U	--	< 0.0151 U	--	< 0.02 U	--	**0.62**	**1.55**	**1.55**	**1.5**	< 1 U	< 1 U	< 3 U	**0.37**	< 0.05 U	**1,120**	--
	9/6/2007	N		--	< 0.02 U	--	< 0.015 U	--	< 0.2 U	--	**1.97**	**1.9**	**1.9**	< 1 U	< 1 U	< 1 U	< 3 U	**0.45**	< 0.05 U	**1,120**	--
	3/26/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.16**	**2.07**	**2.07**	< 5 U	< 5 U	< 5 U	< 15 U	**0.42**	**0.27**	**1,200**	**3,240**
	8/6/2008	N		--	< 0.02 U	--	**0.0195**	--	< 0.02 U	--	**1.66**	**2.1**	**2.1**	< 1 U	< 1 U	< 1 U	< 3 U	**0.28**	< 0.05 U	**1,180**	**3,210**
	3/18/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**4.56**	**2.61**	**2.61**	< 1 U	< 1 U	< 1 U	< 3 U	**0.3**	**0.073**	**1,380**	**3,480**
	8/17/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.565**	**3.15**	**3.15**	< 1 U	< 1 U	< 1 U	< 3 U	**0.25**	< 0.05 U	**366**	**4,070**
	3/3/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.651**	**1.11**	**1.11**	< 1 U	< 2 U	< 1 U	< 1 U	**0.28**	< 0.05 U	**968**	**3,080**
	8/4/2010	N		--	< 0.01 U	--	< 0.05 U	--	< 0.01 U	--	**6.45**	**3.52**	**3.52**	< 1 U	< 2 U	< 1 U	< 1 U	**0.329**	< 0.05 U	**1,600**	**3,940**
	5/11/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	**0.062**	**0.576**	--	**0.139**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**758 J**	**2,690**
	10/30/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.164**	**0.164**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**880**	**2,930**
	5/6/2013	N		< 0.0200 U	--	< 0.0100 UJ	--	--	< 0.0100 U	**0.0499 J**	--	**0.404**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,370**	**3,940**
	3/25/2004	N		--	< 0.01 U	< 0.05 U	< 0.05 U	**0.008**	--	**0.2**	**4.6**	< 0.05 U	**0.1**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.27 U	< 0.05 U	**1,400**	**3,740**
	6/8/2004	N		--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	**15.7**	**17**	**5.1**	**5.47**	--	--	--	--	--	--	**1,120**	--
	7/22/2004	N		--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**3.2**	**40**	**26.1**	**31.6**	--	--	--	--	--	--	**830**	--
	8/23/2004	N		--	< 0.1 U	**0.2**	**0.2**	**0.2**	--	**77.3**	**299**	**37.8**	**37.6**	--	--	--	--	--	--	**1,940**	--
	10/19/2004	N		--	< 0.1 U	**1.4**	**3.3**	< 0.005 U	--	**1260**	**2970**	**105**	**255**	--	--	--	--	--	--	**1,560**	--
	12/8/2004	N		--	< 0.01 U	**0.2**	**3.7**	< 0.005 U	--	**26.3**	**235**	< 0.01 U	**176**	--	--	--	--	--	--	**1,640**	**8,840**
	1/13/2005	N		--	< 0.01 U	**0.04**	**0.04**	< 0.005 U	--	**25.5**	**26.2**	**1.89**	**1.98**	--	--	--	--	--	--	**1,420**	**5,090**
	2/2/2005	N		--	< 0.1 U	**1.7**	**2.1**	< 0.05 U	--	**429**	**398**	**18.6**	**17.1**	--	--	--	--	--	--	**1,610**	**9,800**
	3/1/2005	N		--	< 0.1 U	**0.1**	**0.2**	< 0.1 U	--	**192**	**198**	**10.5**	**17.6**	--	--	--	--	--	--	**1,720**	**12,200**
	3/24/2005	N		--	**1.3**	**0.1**	**0.1**	< 0.005 U	--	**132**	**132**	**5.9**	**6.2**	--	--	--	--	--	--	**1,140**	**7,090**
	4/27/2005	N		--	< 0.01 U	**0.2**	**0.22**	< 0.1 U	--	< 0.4 U	< 0.4 U	**3.68**	**4.24**	--	--	--	--	--	--	**1,100**	**7,490**
	5/25/2005	N		--	< 0.01 U	**0.02**	**0.03**	< 0.02 U	--	**27.3**	**33.5**	**0.4**	**0.5**	--	--	--	--	--	--	**1,080**	**6,700**
	6/28/2005	N		--	< 0.05 U	**0.16**	**0.16**	< 0.05 U	--	**288**	**305**	**5**	**5.4**	--	--	--	--	--	--	**1,080**	**6,510**
	7/14/2005	N		--	< 0.01 U	**0.12**	**0.13**	< 0.05 U	--	< 0.4 U	< 0.4 U	**3.29**	**3.6**	--	--	--	--	--	--	**1,080**	**7,190**
	2/3/2006	N		--	**0.0899**	--	**0.0466**	--	< 0.02 U	--	**2.94**	**6.98**	**6.98**	**11**	< 5 U	**8**	< 15 U	< 6 U	< 45 U	**1,080**	**4,580**
	7/14/2006	N		--	**0.0486**	--	**0.0183**	--	< 0.02 U	--	< 0.2 U	**5.04**	**5.04**	< 1 U	< 1 U	< 1 U	< 3 U	**1**	**0.055**	**1,170**	**4,170**
	7/14/2006	FD		--	**0.0526**	--	**0.0232**	--	< 0.02 U	--	< 0.2 U	**5.67**	**5.67**	< 1 U	< 1 U	< 1 U	< 3 U	**1.2**	**0.052**	**1,260**	**4,270**
MW083SA	3/22/2007	N		--	**0.0281**	--	**0.0189**	--	**0.08**	--	**1.29**	**2.55**	**2.55**	**6.2**	< 1 U	< 1 U	< 3 U	**0.43**	< 0.05 U	**1,080**	--
	9/6/2007	N		--	**0.0204**	--	< 0.015 U	--	< 0.5 U	--	**0.2**	**2.01**	**2.01**	**1.8**	< 1 U	< 1 U	< 3 U	**0.51**	< 0.05 U	**1,090**	--
	3/25/2008	N		--	< 0.02 U	--	< 0.015 U	--	< 0.2 U	--	**0.456**	**1.26**	**1.26**	< 5 U	< 5 U	< 5 U	< 15 U	**0.69**	< 0.25 U	**1,160**	**3,520**
	8/6/2008	N		--	< 0.02 U	--	**0.0195**	--	< 0.02 U	--	< 0.2 U	**0.0103**	**0.0103**	< 1 U	< 1 U	< 1 U	< 3 U	**0.46**	< 0.05 U	**1,710**	**3,780**
	3/18/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**8.65**	**1.12**	**1.12**	< 1 U	< 1 U	< 1 U	< 3 U	**0.36**	< 0.05 U	**1,470**	**4,020**
	8/17/2009	N		--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	**0.52**	**1.09**	**1.09**	< 1 U	< 1 U	< 1 U	< 3 U	**0.42**	< 0.05 U	**1,980**	**4,170**
	3/3/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.108**	**0.464**	**0.464**	< 1 U	< 2 U	< 1 U	< 1 U	**0.289**	< 0.05 U	**241**	**3,530**
	8/4/2010	N		--	**0.022**	--	< 0.05 U	--	< 0.01 U	--	**4.49**	**0.536**	**0.536**	< 1 U	< 2 U	< 1 U	< 1 U	**0.381**	< 0.05 U	**1,360**	**3,740**
	5/11/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1160 J**	**3,460**
	10/31/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,160**	**3,450**
	5/6/2013	N		< 0.0200 U	--	< 0.0100 UJ	--	--	**0.00700 J**	**0.0433 J**	--	**2.46**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,550**	**3,700**
	10/31/2013	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	**0.0594 J**	--	**0.246**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**729**	**2,870**
	5/14/2014	N		**0.0167 J**	--	**0.00157 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.0454**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1060 J**	**3,430**
	11/11/2014	N		< 0.0200 U	--	**0.00185 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.142**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**709**	**2,830**
	5/15/2015	N		**0.00861 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.174**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**788**	**2,270**
	11/10/2015	N		**0.0135 J**	--	**0.00339 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.215**	--	--	--	--	--	--	--	**709**	**2,200**
	5/17/2016	N		**0.017**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**1,060**	**4,880**
	9/19/2016	N		< 0.00336 U	--	**0.0107**	--	< 0.01 U	--	**0.136 J**	--	**0.193**	--	--	--	--	--	--	--	**1,240**	**3,850**
	5/8/2017	N		**0.0115**	--	**0.00703**	--	< 0.01 U	--	**0.867**	--	**0.0785**	--	--	--	--	--	--	--	**1,510**	**3,780**
	3/24/2004	N		--	< 0.01 U	**0.08**	**0.08**	**0.069**	--	< 0.1 U	**3.8**	< 0.05 U	**0.1**	< 2 U	< 2 U	< 2 U	< 6 U	< 0.29 U	< 0.05 U	**1,800**	**4,380**
	6/7/2004	N		--	< 0.01 U	**0.09**	**0.1**	**0.18**	--	< 0.1 U	**1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,100**	--
MW084SA	7/22/2004	N		--	< 0.01 U	**0.1**	**0.11**	**0.063**	--	**1.2**	**2.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**2,800**	--
	8/24/2004	N		--	< 0.01 U	**0.09**	**0.1**	**0.092**	--	< 0.25 U	**3.43**	< 0.01 U	**0.07**	--	--	--	--	--	--	**2,500**	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
	10/20/2004	N		--	< 0.01 U	**0.1**	**0.1**	**0.079**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,990**	--
	12/9/2004	N		--	< 0.01 U	**0.1**	**0.1**	**0.08**	--	< 4 U	< 0.4 U	< 0.01 U	**0.01**	--	--	--	--	--	--	**2,490**	**6,020**
	1/13/2005	N		--	< 0.01 U	**0.09**	**0.1**	**0.093**	--	< 0.4 U	**1.61**	< 0.01 U	**0.02**	--	--	--	--	--	--	**2,320**	**5,160**
	2/3/2005	N		--	< 0.01 U	**0.09**	**0.09**	**0.09**	--	**0.78**	< 0.4 U	**0.02**	**0.02**	--	--	--	--	--	--	**1,800**	--
	3/2/2005	N		--	< 0.01 U	**0.09**	**0.17**	**0.06**	--	< 0.4 U	**0.58**	< 0.01 U	**0.01**	--	--	--	--	--	--	**1,890**	**4,510**
	3/24/2005	N		--	< 0.01 U	**0.1**	**0.1**	**0.08**	--	< 0.4 U	**2.26**	< 0.01 U	**0.04**	--	--	--	--	--	--	**2,000**	**4,670**
	4/27/2005	N		--	< 0.01 U	**0.11**	**0.11**	**0.12**	--	< 0.4 U	**0.6**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**2,330**	**5,520**
	5/24/2005	N		--	< 0.01 U	**0.1**	**0.1**	**0.11**	--	< 0.4 U	**0.59**	< 0.01 U	**0.01**	--	--	--	--	--	--	**1,860**	**4,510**
	6/28/2005	N		--	< 0.01 U	**0.09**	**0.09**	**0.24**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**2,220**	**5,090**
	7/18/2005	N		--	< 0.01 U	**0.1**	**0.11**	**0.14**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**2,070**	**4,870**
	7/19/2005	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/3/2006	N		--	< 0.02 U	--	**0.151**	--	**0.16**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**2,500**	**5,600**
	7/14/2006	N		--	< 0.02 U	--	**0.129**	--	**0.13**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.14**	< 0.05 U	**1,720**	**4,140**
	3/21/2007	N		--	< 0.02 U	--	**0.187**	--	**0.15**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.12**	< 0.05 U	**2,090**	--
	9/6/2007	N		--	< 0.02 U	--	**0.192**	--	**0.18**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.13**	< 0.05 U	**2,290**	--
	3/25/2008	N		--	< 0.02 U	--	**0.192**	--	**0.2**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**2,720**	**4,860**
	8/5/2008	N		--	< 0.02 U	--	**0.18**	--	**0.17**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.3**	< 0.05 U	**2,430**	**5,720**
MW084SA	3/17/2009	N		--	< 0.02 U	--	**0.176**	--	**0.17**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.15**	< 0.05 U	**2,530**	**5,310**
	8/13/2009	N		--	**0.0229**	--	**0.0982**	--	**0.11**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.21**	< 0.05 U	**1,980**	**4,760**
	3/2/2010	N		--	< 0.05 U	--	**0.14**	--	**0.157**	--	**0.133**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.178**	< 0.05 U	**2,350**	**6,280**
	8/3/2010	N		--	**0.02**	--	**0.102**	--	**0.127**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.25**	< 0.05 U	**2,140**	**5,550**
	5/11/2012	N		< 0.0100 U	--	**0.0405**	--	--	**0.0397**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1180 J**	**3,540**
	10/30/2012	N		--	< 0.0100 U	--	**0.0388**	--	**0.0377**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,190**	**3,350**
	5/6/2013	N		**0.0101 J**	--	**0.036**	--	--	**0.0294**	**0.0294 J**	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,010**	**3,150**
	10/30/2013	N		**0.0164 J**	--	**0.0291**	--	--	**0.0239**	< 0.200 U	--	**0.0533**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,060**	**3,030**
	5/14/2014	N		**0.0164 J**	--	**0.0241**	--	--	**0.0186**	< 0.200 U	--	**0.00379 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1070 J**	**3,070**
	11/11/2014	N		< 0.0200 U	--	**0.024**	--	--	**0.0218**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**975**	**3,100**
	5/15/2015	N		**0.0179 J**	--	**0.0228**	--	--	**0.0269**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,050**	**2,980**
	11/10/2015	N		**0.0227**	--	**0.0278**	--	--	**0.0216**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**1,020**	**2,960**
	5/17/2016	N		**0.0144**	--	**0.0255**	--	**0.0333**	--	--	--	--	--	--	--	--	--	--	--	**1,910**	**6,790**
	9/19/2016	N		< 0.00336 U	--	**0.0212**	--	**0.0103**	--	**0.0067 J**	--	**0.0163 J**	--	--	--	--	--	--	--	**1,560**	**4,200**
	5/8/2017	N		**0.0108**	--	**0.0328**	--	**0.0313**	--	**0.0341**	--	< 0.002 U	--	--	--	--	--	--	--	**1,210**	**2,980**
	9/20/2017	N		**0.0098**	--	**0.0165**	--	**0.0112**	--	< 0.1 U	--	**0.00181 J**	--	--	--	--	--	--	--	**1,610**	**3,970**
	3/22/2018	Reg		--	**0.00734**	--	**0.0126**	--	< 0.0100 U	**0.324**	--	--	**0.0115**	--	--	--	--	--	--	**1,400**	**3,890**
	9/11/2018	Reg		**0.00938**	--	**0.0168**	--	**0.00860 J**	--	--	< 0.100 U	**0.0029**	--	--	--	--	--	--	--	**1,370**	**3,060**
	3/25/2004	N		--	< 0.01 U	**0.21**	**0.16**	**0.09**	--	**0.2**	**2.8**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.26 U	< 0.05 U	**1,180**	**3,600**
	6/7/2004	N		--	< 0.01 U	< 0.01 U	< 0.01 U	< 0.005 U	--	< 0.25 U	< 0.25 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,660**	--
	6/8/2004	N		--	--	**0.06**	--	--	--	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--
	7/22/2004	N		--	< 0.01 U	< 0.05 U	< 0.05 U	**0.005**	--	< 0.1 U	**0.5**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,700**	--
	8/23/2004	N		--	< 0.01 U	**0.01**	**0.01**	**0.008**	--	< 0.25 U	< 0.25 U	< 0.01 U	**0.01**	--	--	--	--	--	--	**1,740**	--
	10/20/2004	N		--	< 0.01 U	< 0.05 U	< 0.05 U	**0.01**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,680**	--
	12/9/2004	N		--	< 0.01 U	**0.14**	**0.09**	**0.099**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,510**	**3,820**
	1/13/2005	N		--	< 0.01 U	**0.09**	**0.07**	< 0.1 U	--	< 0.4 U	**0.44**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,600**	**4,060**
	2/2/2005	N		--	< 0.01 U	**0.08**	**0.1**	**0.006**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,520**	**4,200**
	3/1/2005	N		--	< 0.01 U	**0.01**	**0.01**	**0.017**	--	< 0.4 U	**0.41**	**0.02**	**0.02**	--	--	--	--	--	--	**1,720**	**3,930**
	3/24/2005	N		--	< 0.01 U	**0.14**	**0.03**	**0.085**	--	< 0.4 U	< 0.4 U	**0.02**	**0.04**	--	--	--	--	--	--	**1,350**	**3,630**
	4/27/2005	N		--	< 0.01 U	**0.12**	**0.07**	**0.05**	--	< 0.4 U	< 0.4 U	**0.05**	**0.04**	--	--	--	--	--	--	**1,390**	**3,750**
	5/24/2005	N		--	< 0.01 U	**0.13**	**0.14**	**0.04**	--	< 0.4 U	< 0.4 U	**0.03**	**0.03**	--	--	--	--	--	--	**1,330**	**3,690**
	6/20/2005	N		--	< 0.01 U	**0.12**	**0.04**	**0.04**	--	< 0.4 U	< 0.4 U	**0.02**	**0.02**	--	--	--	--	--	--	**1,580**	**4,080**
	6/20/2005	FD		--	< 0.01 U	**0.14**	**0.14**	**0.05**	--	< 0.4 U	< 0.4 U	**0.03**	**0.02**	--	--	--	--	--	--	**1,410**	**3,950**
MW085SA	7/18/2005	N		--	< 0.01 U	**0.23**	**0.1**	**0.31**	--	< 0.4 U	< 0.4 U	**0.06**	**0.03**	--	--	--	--	--	--	**1,610**	**4,030**
	7/19/2005	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/3/2006	N		--	< 0.02 U	--	**0.103**	--	< 0.02 U	--	**0.89**	**0.24**	**0.24**	< 1 U	< 1 U	< 1 U	< 3 U	< 3 U	< 12 U	**1,480**	**3,940**
	7/14/2006	N		--	< 0.02 U	--	**0.0191**	--	< 0.02 U	--	< 0.2 U	**0.0221**	**0.0221**	< 1 U	< 1 U	< 1 U	< 3 U	**0.31**	< 0.05 U	**1,840**	**4,250**
	3/21/2007	N		--	< 0.02 U	--	**0.0256**	--	< 0.02 U	--	**1.52**	**0.0917**	**0.0917**	< 1 U	< 1 U	< 1 U	< 3 U	**0.48**	< 0.05 U	**1,380**	--
	9/6/2007	N		--	< 0.02 U	--	**0.0176**	--	< 0.02 U	--	**1.31**	**0.111**	**0.111**	< 1 U	< 1 U	< 1 U	< 3 U	**0.88**	< 0.05 U	**1,270**	--
	3/25/2008	N		--	< 0.02 U	--	**0.0266**	--	< 0.02 U	--	< 0.2 U	**0.0089**	**0.0089**	< 1 U	< 1 U	< 1 U	< 3 U	**0.49**	< 0.05 U	**1,740**	**4,150**
	8/5/2008	N		--	< 0.02 U	--	**0.0238**	--	< 0.02 U	--	< 0.2 U	**0.0061**	**0.0061**	< 1 U	< 1 U	< 1 U	< 3 U	**0.28**	< 0.05 U	**1,620**	**4,160**
	3/18/2009	N		--	< 0.02 U	--	**0.0199**	--	< 0.02 U	--	**0.435**	**0.197**	**0.197**	< 1 U	< 1 U	< 1 U	< 3 U	**7.2**	< 0.05 U	**1,160**	**3,450**
	8/17/2009	N		--	< 0.02 U	--	**0.0156**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.44**	< 0.05 U	**1,300**	**4,140**
	3/3/2010	N		--	< 0.05 U	--	< 0.05 U	--	< 0.01 U	--	**0.28**	**0.184**	**0.184**	< 1 U	< 2 U	< 1 U	< 1 U	**0.217**	< 0.05 U	**921**	**3,220**
	8/4/2010	N		--	**0.036**	--	< 0.05 U	--	< 0.01 U	--	**0.137**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.479**	< 0.05 U	**1,460**	**3,690**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

			Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																			
	5/11/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	**0.0895**	**0.98**	--	**0.737**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**646 J**	**2,400**
	10/31/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	**0.92**	**0.668**	**0.668**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**713**	**2,760**
	5/6/2013	N		< 0.0200 U	--	< 0.0100 UJ	--	--	< 0.0100 U	< 0.200 U	--	**0.476**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**594**	**2,560**
	10/31/2013	N		**0.00961 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.707**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**661**	**2,770**
	5/14/2014	N		**0.0138 J**	--	**0.00238 J**	--	--	< 0.0100 U	**0.0537 J**	--	**0.388**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**812 J**	**2,880**
	11/11/2014	N		**0.0127 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.499**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**596**	**2,670**
	5/15/2015	N		**0.0124 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.44**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**688**	**2,530**
	5/15/2015	FD		**0.00888 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.456**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**690**	**2,630**
MW085SA	11/10/2015	N		**0.0232**	--	**0.00401 J**	--	--	< 0.0100 U	< 0.200 U	--	**0.375**	--	--	--	--	--	--	--	**619**	**2,060**
	5/17/2016	N		**0.0182**	--	**0.0101**	--	**0.0124**	--	--	--	--	--	--	--	--	--	--	--	**1,300**	**4,000**
	5/17/2016	FD		**0.0206**	--	**0.0124**	--	**0.0123**	--	--	--	--	--	--	--	--	--	--	--	**1,340**	**4,230**
	9/19/2016	N		< 0.00336 U	--	**0.0269**	--	**0.0123**	--	**0.0189 J**	--	**0.0233**	--	--	--	--	--	--	--	**1,380**	**3,930**
	5/8/2017	N		**0.0111**	--	**0.0254**	--	**0.0244**	--	< 0.02 U	--	**0.00864**	--	--	--	--	--	--	--	**1,430**	**3,850**
	9/20/2017	N		**0.0124**	--	**0.0293**	--	**0.0182**	--	< 0.1 U	--	**0.0241**	--	--	--	--	--	--	--	**1,410**	**4,160**
	3/22/2018	Reg		--	**0.0142**	--	**0.0336**	--	**0.0126**	**0.0345**	--	--	**0.0332**	--	--	--	--	--	--	**1,470**	**4,090**
	9/11/2018	Reg		**0.014**	--	**0.0258**	--	**0.00280 J**	--	--	**0.177**	**0.115**	--	--	--	--	--	--	--	**1,650**	**3,270**
	9/14/2004	N		--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.005 U	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**2,290**	**--**
	10/7/2004	N		--	--	--	--	--	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	--	--
	1/13/2005	N		--	< 0.01 U	**0.02**	**0.02**	**0.017**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**2,120**	**5,050**
	1/13/2005	FD		--	< 0.01 U	**0.01**	**0.02**	**0.01**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**2,300**	**4,850**
	6/2/2005	N		--	< 0.01 U	**0.01**	**0.01**	**0.022**	--	< 0.4 U	< 0.4 U	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**1,780**	**4,370**
	1/27/2006	N		--	< 0.02 U	--	**0.058**	--	**0.052**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**1,170**	**2,680**
	7/12/2006	N		--	< 0.02 U	--	**0.115**	--	**0.13**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.094 U	< 0.05 U	**1,300**	**2,460**
	4/11/2007	N		--	< 0.02 U	--	**0.0787**	--	**0.075**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**1,220**	--
	9/21/2007	N		--	< 0.02 U	--	**0.121**	--	**0.12**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	**3.2**	**8.9**	< 3 U	< 0.095 U	< 0.05 U	**1,010**	--
	4/8/2008	N		--	< 0.02 U	--	**0.0578**	--	**0.057**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**1,090**	**2,640**
	8/19/2008	N		--	< 0.02 U	--	**0.0762**	--	**0.078**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	**1.1**	< 3 U	< 0.1 U	< 0.05 U	**1,250**	**2,900**
	3/25/2009	N		--	< 0.02 U	--	**0.0512**	--	**0.047**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	**0.11**	< 0.05 U	**1,390**	**3,650**
	8/10/2009	N		--	< 0.02 U	--	**0.0601**	--	**0.063**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.12**	< 0.05 U	**1,330**	**4,120**
	3/4/2010	N		--	< 0.05 U	--	**0.055**	--	**0.074**	--	**0.314**	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	**0.105**	< 0.05 U	**1,490**	**3,780**
MW086SA	8/5/2010	N		--	**0.016**	--	< 0.05 U	--	**0.048**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.154**	< 0.05 U	**1,430**	**3,860**
	5/8/2012	N		**0.0167**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**679**	**2,010**
	11/1/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	**0.0398**	**0.0398**	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**831**	**2,130**
	5/7/2013	N		**0.00795 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00506 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**851**	**1,970**
	10/30/2013	N		**0.0199 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.0895**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**656**	**2,190**
	5/14/2014	N		**0.0137 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00416 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**605 J**	**2,090**
	11/12/2014	N		**0.0178 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	**0.00433 J**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**514**	**1,660**
	5/14/2015	N		**0.00954 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**531**	**1,550**
	11/11/2015	N		**0.0152 J**	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**765**	**2200 J**
	5/18/2016	N		**0.0216**	--	**0.0416**	--	**0.0432**	--	--	--	--	--	--	--	--	--	--	--	**1,040**	**2,540**
	9/19/2016	N		< 0.00336 U	--	**0.055**	--	**0.049**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**1,160**	**3,600**
	5/9/2017	N		**0.0103**	--	**0.0549**	--	**0.0084 J**	--	**0.241 J**	--	**0.00381**	--	--	--	--	--	--	--	**1,470**	**3,800**
	9/20/2017	N		**0.0111**	--	**0.0475**	--	**0.0464**	--	**0.515**	--	**0.0101**	--	--	--	--	--	--	--	**1,370**	**3,420**
	3/22/2018	Reg		--	**0.00957**	--	**0.039**	--	**0.0341**	**0.266**	--	--	**0.00512**	--	--	--	--	--	--	**1,260**	**2,640**
	9/11/2018	Reg		**0.0123**	--	**0.034**	--	**0.0255**	--	--	< 0.100 U	**0.00153 J**	--	--	--	--	--	--	--	**1,260**	**3,110**
	9/14/2004	N		--	< 0.01 U	**4.29**	**4.23**	**1.8**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	< 2 U	< 2 U	< 2 U	< 6 U	< 0.25 U	< 0.05 U	**900**	**--**
	10/5/2004	N		--	< 0.01 U	**3.66**	**3.82**	**1.8**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**800**	**--**
	11/9/2004	N		--	< 0.01 U	**5.06**	**4.62**	< 2 U	--	**0.42**	< 0.4 U	< 0.01 U	**0.01**	--	--	--	--	--	--	**1,060**	**4,210**
	12/16/2004	N		--	< 0.01 U	**4.63**	**4.78**	**2**	--	< 0.4 U	< 0.4 U	**0.01**	**0.02**	--	--	--	--	--	--	**1,160**	**4,520**
	1/13/2005	N		--	< 0.01 U	**3.78**	**3.97**	**3.2**	--	< 0.4 U	< 0.4 U	**0.39**	**0.42**	--	--	--	--	--	--	**1,260**	**4,710**
	2/8/2005	N		--	< 0.01 U	**1.75**	**2.23**	**1.2**	--	< 0.4 U	**1**	**1.59**	**1.89**	--	--	--	--	--	--	**1,220**	**4,730**
	3/8/2005	N		--	< 0.01 U	**1.07**	**2.03**	**0.47**	--	< 0.4 U	**0.65**	**1.67**	**1.64**	--	--	--	--	--	--	**1,180**	**4,610**
	4/6/2005	N		--	< 0.01 U	**0.44**	**1.99**	< 0.005 U	--	< 0.4 U	**0.67**	**1.35**	**1.55**	--	--	--	--	--	--	**1,150**	**4,510**
	5/11/2005	N		--	< 0.01 U	**0.45**	**1.59**	**0.12**	--	< 0.4 U	< 0.4 U	**1.38**	**1.41**	--	--	--	--	--	--	**1,150**	**4,510**
	6/7/2005	N		--	< 0.01 U	**0.69**	**1.56**	**0.13**	--	< 0.4 U	< 0.4 U	**1.1**	**1.11**	--	--	--	--	--	--	**1,120**	**4,380**
MW087A	7/6/2005	N		--	**0.01**	**0.33**	**1.73**	< 0.02 U	--	< 0.4 U	**0.94**	**1.14**	**1.11**	--	--	--	--	--	--	**1,140**	**4,180**
	8/2/2005	N		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/6/2006	N		--	**0.0222**	--	**0.449**	--	< 0.5 U	--	**14.5**	**6.61**	**6.61**	< 5 U	< 5 U	< 5 U	< 15 U	< 60 U	< 60 U	**1,560**	**5,910**
	7/18/2006	N		--	< 0.02 U	--	**0.144**	--	< 0.02 U	--	**0.217**	**3.5**	**3.5**	< 5 U	< 5 U	< 5 U	< 15 U	**6.4**	**0.27**	**1,100**	**4,620**
	4/13/2007	N		--	< 0.02 U	--	**0.173**	--	< 0.02 U	--	**13**	**1.72**	**1.72**	< 2 U	< 1 U	< 1 U	< 3 U	**5.1**	**2.4**	**1,160**	--
	4/15/2008	N		--	**0.0276**	--	**0.187**	--	< 1 U	--	**4.27**	**1.4**	**1.4**	< 5 U	< 5 U	< 5 U	< 15 U	**4.8**	< 0.25 U	**1,550**	**4,520**
	3/30/2009	N		--	**0.0241**	--	**0.233**	--	< 0.2 U	--	**1.23**	**0.786**	**0.786**	< 5 U	< 5 U	< 5 U	< 15 U	**1.7**	< 0.25 U	**1,060**	**4,380**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	3/10/2010	N	--	< 0.05 U	--	**0.095**	--	**0.316**	--	**0.064**	**0.261**	**0.261**	< 1 U	< 1 U	< 1 U	< 1 U	**0.522**	**0.072**	**35.5**	**3,500**
	5/25/2012	N	< 0.0100 U	--	**0.0996**	--	--	**0.0479**	**0.32**	--	**0.0216**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,170**	**3,860**
	5/16/2013	N	**0.0201**	--	**0.0596**	--	--	**0.0162**	**0.661**	--	**0.0851**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,120**	**2,450**
	5/8/2014	N	< 0.0200 U	--	**0.0351**	--	--	< 0.0500 U	**0.202**	--	**0.197**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,070**	**4,290**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW087A	6/3/2015	N	**0.0143 J**	--	**0.0326**	--	--	< 0.0500 U	< 0.200 UJ	--	**0.135**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,230**	**4,110**
	5/20/2016	N	**0.00396 J**	--	**0.0374**	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**1,010**	**3,530**
	5/4/2017	N	**0.00338**	--	**0.0478**	--	< 0.01 U	--	**1.12**	--	**0.548**	--	--	--	--	--	--	--	**1,210**	**3,550**
	4/4/2018	Reg	--	**0.00115 J**	--	**0.0265**	--	< 0.0100 U	**1.18**	--	--	**0.281**	--	--	--	--	--	--	**1,270**	**4,040**
MW088M	9/13/2004	N	--	--	--	--	--	--	--	--	--	--	< 40 U	< 40 U	< 40 U	< 100 U	**39**	**7**	--	--
	9/18/2004	N	--	< 0.01 U	**0.37**	**0.53**	< 0.05 U	--	**216**	**259**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**670**	--
	10/7/2004	N	--	< 0.1 U	**1.2**	**1.1**	< 0.1 U	--	**585**	**584**	**72.8**	**73.4**	--	--	--	--	--	--	**1,180**	--
	11/10/2004	N	--	< 0.1 U	**0.05**	**1**	< 1 U	--	--	**666**	**2.71**	**64.7**	--	--	--	--	--	--	**1,080**	**15,900**
	12/28/2004	N	--	< 0.1 U	**0.8**	**0.9**	< 0.01 U	--	**724**	**695**	**63.8**	**62.4**	--	--	--	--	--	--	**1,220**	**12,000**
	1/19/2005	N	--	< 0.01 U	**7.6**	**0.76**	< 0.05 U	--	**900**	**942**	< 0.1 U	< 0.01 U	--	--	--	--	--	--	**1,440**	**21,400**
	2/10/2005	N	--	< 0.1 U	**0.7**	**1**	< 0.05 U	--	**747**	**856**	**53.2**	**62.3**	--	--	--	--	--	--	**1,300**	**19,900**
	3/10/2005	N	--	< 0.1 U	**0.6**	**0.9**	< 0.005 U	--	**482**	**681**	**34.5**	**47.5**	--	--	--	--	--	--	**930**	**15,400**
	4/13/2005	N	--	< 0.1 U	**0.5**	**0.7**	< 0.05 U	--	**464**	**742**	**33.6**	**49.5**	--	--	--	--	--	--	**930**	**16,000**
	5/17/2005	N	--	< 0.1 U	**1.2**	**4**	< 0.05 U	--	**497**	**626**	**31.9**	**38.2**	--	--	--	--	--	--	**1,230**	**41,500**
	5/31/2005	N	--	< 0.01 U	**0.52**	**0.6**	< 0.1 U	--	**36.7**	**44.2**	**4.82**	**5.07**	--	--	--	--	--	--	**670**	**4,010**
	7/12/2005	N	--	< 0.05 U	**0.68**	**0.7**	< 0.05 U	--	< 2 U	< 2 U	**45**	**43.2**	--	--	--	--	--	--	**1,140**	**23,700**
	2/6/2006	N	--	**0.144**	--	**0.691**	--	< 2 U	--	**1330**	**36**	**36**	< 100 U	< 100 U	< 100 U	< 300 U	< 1200 U	< 4000 U	**626**	**24,900**
	7/20/2006	N	--	< 0.02 U	--	**0.108**	--	< 0.02 U	--	**0.405**	**2.12**	**2.12**	< 1 U	< 1 U	< 1 U	< 3 U	< 4.8 U	< 0.05 U	**879**	**3,980**
	4/5/2007	N	--	< 0.02 U	--	**0.0346**	--	< 0.02 U	--	**2.44**	**0.0385**	**0.0385**	< 5 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**701**	--
	4/21/2008	N	--	**0.154**	--	**0.273**	--	< 2.0 U	--	**1420**	**58.7**	**58.7**	< 20 U	< 20 U	< 20 U	< 60 U	**71**	**4.7**	**801**	**21,000**
	4/1/2009	N	--	**0.117**	--	**0.186**	--	< 2 U	--	**1030**	**52.7**	**52.7**	< 50 U	< 50 U	< 50 U	< 150 U	**1500**	**4.9**	**720**	**17,100**
	3/11/2010	N	--	< 0.5 U	--	< 0.500 U	--	**0.124**	--	**261**	**50**	**50**	< 5 U	< 5 U	< 5 U	< 5 U	**69.6**	**0.949**	**509**	**11,000**
	5/22/2012	N	**0.158**	--	**0.122**	--	--	**0.117**	**14.1**	--	**15.6**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**918**	**8,290**
	5/21/2013	N	**0.0825**	--	**0.143**	--	--	< 0.200 U	**32.3**	--	**13.2**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**809**	**7,040**
	5/9/2014	N	**0.0354**	--	**0.126**	--	--	< 0.0500 U	**9.15**	--	**9.81**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**826**	**6,000**
	5/22/2015	N	**0.0424**	--	**0.15**	--	--	< 0.200 U	**9.08**	--	**4.17**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**962**	**4,770**
	5/13/2016	N	**0.0324**	--	**0.176**	--	< 0.0548 U	--	--	--	--	--	--	--	--	--	--	--	**923**	**2,790**
	5/5/2017	N	**0.0235**	--	**0.165**	--	< 0.01 U	--	**0.688**	--	**0.798**	--	--	--	--	--	--	--	**942**	**3,300**
	9/22/2017	N	**0.0304**	--	**0.194**	--	< 0.01 U	--	**7.5**	--	**0.931**	--	--	--	--	--	--	--	**820**	**3,100**
	4/4/2018	Reg	--	**0.0286**	--	**0.164**	--	< 0.0100 U	**7.59**	--	--	**0.788**	--	--	--	--	--	--	**876**	**3,290**
	9/13/2018	Reg	**0.0234**	--	**0.157**	--	< 0.0100 U	--	--	**1.99**	**0.994**	--	--	--	--	--	--	--	**1,760**	**3,200**
MW089SA	2/9/2006	N	--	< 0.02 U	--	**1.36**	--	**0.95**	--	**0.284**	**0.0131**	**0.0131**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**709**	**2,810**
	2/9/2006	FD	--	< 0.02 U	--	**1.19**	--	**0.96**	--	**0.213**	**0.0104**	**0.0104**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**744**	**2,880**
	7/21/2006	N	--	< 0.02 U	--	**1.11**	--	**1.1**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**787**	**3,220**
	7/21/2006	FD	--	< 0.02 U	--	**1.09**	--	**1.1**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**800**	**3,200**
	4/4/2007	N	--	< 0.02 U	--	**0.591**	--	**1**	--	< 0.2 U	**0.0056**	**0.0056**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**785**	--
	4/9/2008	N	--	< 0.02 U	--	**1.15**	--	**1.1**	--	< 0.2 U	**0.0118**	**0.0118**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**909**	**3,850**
	3/26/2009	N	--	< 0.02 U	--	**1.07**	--	**1.1**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.10 U	< 0.05 U	**1,010**	**3,790**
	3/8/2010	N	--	< 0.05 U	--	**1.24**	--	**1.24**	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.056 U	< 0.05 U	**714**	**3,780**
	5/22/2012	N	< 0.0100 U	--	**0.0226**	--	--	**0.0195**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**119**	**1,060**
	5/22/2012	FD	< 0.0100 U	--	**0.022**	--	--	**0.0177**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**122**	**1,010**
	9/6/2012	N	--	--	--	**0.0279**	--	**0.027**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/15/2013	N	< 0.0200 U	--	**0.0381**	--	--	**0.0299**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**102**	**831**
	10/24/2013	N	--	--	--	**1.17**	--	**1.16 J**	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/27/2014	N	< 0.0200 U	--	**0.0261**	--	--	**0.022**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**170**	**1,150**
	5/27/2014	FD	< 0.0200 U	--	**0.0261**	--	--	**0.0216**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**169**	**1,150**
	6/1/2015	N	< 0.0200 U	--	**0.0238**	--	--	**0.0186**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**172**	**1,170**
	5/19/2016	N	**0.0152**	--	**1.34**	--	**1.14**	--	--	--	--	--	--	--	--	--	--	--	**815**	**2,700**
	5/4/2017	N	**0.0101**	--	**1.15**	--	**1.02**	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	**948**	**3,160**
	9/22/2017	N	**0.0112**	--	**1.24**	--	**1.26**	--	< 0.1 U	--	**0.000274 J**	--	--	--	--	--	--	--	**905**	**4,240**
	4/4/2018	Reg	--	**0.0102**	--	**1.14**	--	**1.02**	< 0.100 U	--	--	**0.000901 J**	--	--	--	--	--	--	**1,020**	**3,730**
	9/14/2018	Reg	**0.0109**	--	**1.18**	--	**1.04**	--	--	< 0.100 U	**0.000448 J**	--	--	--	--	--	--	--	**1,040**	**3,780**
MW090SA	2/9/2006	N	--	< 0.02 U	--	**0.437**	--	**0.45**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**575**	**2,870**
	7/21/2006	N	--	< 0.02 U	--	**0.42**	--	**0.52**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**630**	**2,990**
	4/3/2007	N	--	< 0.02 U	--	**0.484**	--	**0.49**	--	< 0.2 U	**0.0051**	**0.0051**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**633**	--
	4/14/2008	N	--	< 0.02 U	--	**0.569**	--	**0.59**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	**650**	**3,100**
	3/17/2009	N	--	< 0.02 U	--	**0.634**	--	**0.54**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.098 U	< 0.05 U	**652**	**3,230**
	8/11/2009	N	--	< 0.02 U	--	**0.58**	--	**0.52**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**648**	**3,290**
	3/2/2010	N	--	< 0.05 U	--	**0.488**	--	**0.452**	--	**0.066**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.058 U	< 0.05 U	**596**	**3,160**
	5/23/2012	N	< 0.0100 UJ	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**297**	**1,450**
	5/14/2013	N	< 0.0200 U	--	**0.00542 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**166**	**1,150**
	5/22/2014	N	< 0.0200 U	--	**0.00579 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 UJ	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**281**	**1,950**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/29/2015	N	**0.0135 J**	--	**0.00472 J**	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**139**	**1,100**

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Former Eunice North Gas Plant

ARCADIS Design & Consultancy for natural and built assets

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
MW090SA	5/19/2016	N		0.0239	--	0.185	--	0.171	--	--	--	--	--	--	--	--	--	--	--	491	2,840
	5/4/2017	N		0.0094	--	0.194	--	0.188	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	471	2,460
	5/4/2017	FD		0.00813	--	0.187	--	0.19	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	374	2,320
	4/4/2018	Reg		--	0.00926	--	0.263	--	0.258	< 0.100 U	--	--	0.000541 J	--	--	--	--	--	--	520	2,280
MW091SA	2/9/2006	N		--	< 0.02 U	--	0.746	--	0.67	--	< 0.2 U	0.0051	0.0051	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	679	2,530
	7/24/2006	N		--	< 0.02 U	--	0.856	--	0.77	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.095 U	< 0.05 U	732	2,920
	4/5/2007	N		--	< 0.02 U	--	1.05	--	1.1	--	< 0.2 U	0.0075	0.0075	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	864	--
	4/7/2008	N		--	< 0.02 U	--	1.16	--	0.57 *	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	819	2,970
	3/24/2009	N		--	< 0.02 U	--	0.821	--	0.88	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	834	3,540
	3/8/2010	N		--	< 0.05 U	--	0.912	--	0.851	--	< 0.03 U	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.054 U	< 0.05 U	672	3,360
	5/8/2012	N		< 0.0100 U	--	0.0567	--	--	0.051	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	187	1,200
	5/21/2014	N		< 0.0200 U	--	0.12	--	--	0.124	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	422	1,780
	5/7/2015	N		0.0115 J	--	0.14	--	--	0.141	< 0.200 U	--	0.00334 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	416	1,950
	5/19/2016	N		0.0268	--	0.876	--	0.87	--	--	--	--	--	--	--	--	--	--	--	701	3,300
	5/19/2016	FD		0.02	--	0.782	--	0.562	--	--	--	--	--	--	--	--	--	--	--	730	3,490
	5/5/2017	N		0.00905	--	0.786	--	0.687	--	< 0.02 U	--	< 0.002 U	--	--	--	--	--	--	--	780	3,340
MW092SA	2/9/2006	N		--	< 0.02 U	--	1.16	--	1	--	0.536	0.0102	0.0102	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	662	2,910
	7/24/2006	N		--	< 0.02 U	--	0.901	--	0.76	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	607	2,660
	4/5/2007	N		--	< 0.02 U	--	1.3	--	1.4	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	841	--
	4/8/2008	N		--	< 0.02 U	--	--	--	--	--	0.282	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	2,860
	4/9/2008	N		--	--	--	1.61	--	1.3	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	740	--
	3/24/2009	N		--	< 0.02 U	--	1.46	--	1.5	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	905	3,480
	3/8/2010	N		--	< 0.05 U	--	1.48	--	1.46	--	0.041	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	< 0.054 U	< 0.05 U	751	3,570
	5/11/2012	N		< 0.0100 U	--	0.0129	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	184 J	1,160
MW093SA	2/9/2006	N		--	< 0.02 U	--	0.689	--	0.62	--	1.66	0.0457	0.0457	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	684	2,820
	7/24/2006	N		--	< 0.02 U	--	0.477	--	0.42	--	< 0.2 U	0.0053	0.0053	< 1 U	< 1 U	< 1 U	< 3 U	0.11	< 0.05 U	564	2,580
	4/5/2007	N		--	< 0.02 U	--	0.615	--	0.97	--	0.883	0.0731	0.0731	< 1 U	< 1 U	< 1 U	< 3 U	0.34	< 0.05 U	732	--
	4/8/2008	N		--	< 0.02 U	--	--	--	--	--	< 0.2 U	< 0.005 U	< 0.005 U	--	--	--	--	--	--	--	3,000
	4/9/2008	N		--	--	--	1.96	--	1.7	--	--	--	--	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	831	--
	3/24/2009	N		--	< 0.02 U	--	2	--	2	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.11 U	< 0.05 U	949	3,750
	3/8/2010	N		--	< 0.05 U	--	2.37	--	2.42	--	0.052	< 0.050 U	< 0.050 U	< 1 U	< 1 U	< 1 U	< 1 U	0.143	< 0.05 U	877	3,960
	5/11/2012	N		< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	244 J	1,050
	5/10/2013	N		< 0.0200 U	--	0.21	--	--	0.251	0.0278 J	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	656	2,800
	5/10/2013	FD		< 0.0200 U	--	0.286	--	--	0.306	0.0204 J	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	696	2,900
	5/21/2014	N		< 0.0200 U	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0102 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	485	1,360
	5/7/2015	N		0.0135 J	--	0.00499 J	--	--	< 0.0100 U	< 0.200 U	--	0.0345	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	510	2,220
	5/19/2016	N		0.0268	--	0.71	--	0.723	--	--	--	--	--	--	--	--	--	--	--	796	3,660
	9/22/2017	N		0.00906	--	0.645	--	0.702	--	< 1 U	--	0.0478	--	--	--	--	--	--	--	857	3,880
	3/29/2018	Reg		--	0.00826	--	0.523	--	0.557	< 0.1	--	--	0.142	--	--	--	--	--	--	982	3,000
	9/14/2018	Reg		0.00859	--	0.494	--	0.504	--	--	< 0.100 U	0.019	--	--	--	--	--	--	--	914	3,440
MW094	5/25/2012	N		< 0.0100 U	--	0.0585	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	147	1,170
	10/31/2012	N		--	< 0.0100 U	--	< 0.0100 U	--	< 0.0100 U	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	161	1,350
	5/15/2013	N		0.00923 J	--	0.402	--	--	0.385	< 0.200 U	--	0.0143 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	297	2,400
	5/15/2013	FD		< 0.0200 U	--	0.399	--	--	0.395	< 0.200 U	--	0.0125 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	299	2,280
	11/1/2013	N		0.00855 J	--	0.138	--	--	0.127	< 0.200 U	--	0.0211	--	1.4	< 2.00 U	< 1.00 U	< 1.00 U	--	--	226	2,030
	5/9/2014	N		0.0141 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	138	1,110
	11/5/2014	N		0.0219	--	0.00213 J	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	126	980
	5/20/2015	N		0.0188 J	--	0.738	--	--	0.746	< 0.200 UJ	--	0.00830 J	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	409	2,630
	11/5/2015	N		< 0.0200 UJ	--	0.00375 J	--	--	< 0.0100 U	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	158	1,070
	5/13/2016	N		0.0755	--	1.81	--	1.8	--	--	--	--	--	--	--	--	--	--	--	1,130	4,030
	9/21/2016	N		< 0.00336 U	--	1.75	--	2.36	--	< 0.00616 U	--	0.0524	--	--	--	--	--	--	--	1,060	4,190
	5/11/2017	N		0.00835	--	1.62	--	1.72	--	0.0465	--	0.0363	--	--	--	--	--	--	--	873	4,000
	4/3/2018	Reg		--	0.0095	--	1.74	--	1.65	< 0.100 U	--	--	0.0140 J	--	--	--	--	--	--	960	3,390
MW095	5/25/2012	N		< 0.0100 U	--	4.46	--	--	4.68	< 0.200 U	--	0.0881	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	1,290	4,590
	5/25/2012	FD		< 0.0100 U	--	4.58	--	--	4.87	< 0.200 U	--	0.0802	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	1,300	4,540
	10/31/2012	N		--	< 0.0100 U	--	5.18	--	4.98	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,360	4,330
	5/15/2013	N		0.0130 J	--	4.81	--	--	4.83	< 0.200 U	--	0.0761	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,510	4,630
	11/6/2013	N		0.0187 J	--	4.28	--	--	4.31	< 0.200 U	--	0.0902	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,150	3,940
	5/9/2014	N		0.0266	--	3.83	--	--	3.76	< 0.200 U	--	0.109	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,290	4,340
	11/6/2014	N		0.0513	--	3.92	--	--	3.67	< 0.200 UJ	--	0.0905	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,330	4,950
	5/21/2015	N		0.0208	--	4.35	--	--	4.71	< 0.200 U	--	0.0734	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	1,500	5,320
	11/5/2015	N		< 0.0200 U	--	5.03	--	--	4.85	< 0.200 U	--	0.0423	--	--	--	--	--	--	--	1,540	4,160

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Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	5/13/2016	N	**0.0705**	--	**4.49**	--	**4.65**	--	--	--	--	--	--	--	--	--	--	--	**1,460**	**4,170**

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		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
MW095	9/21/2016	N	< 0.00336 U	--	4.29	--	5.34	--	< 0.00616 U	--	0.0695	--	--	--	--	--	--	--	1,660	4,420
	9/21/2016	FD	< 0.00336 U	--	4.24	--	5.57	--	< 0.00616 U	--	0.0622	--	--	--	--	--	--	--	1,340	4,740
	5/11/2017	N	0.00731	--	4.07	--	4.06	--	0.0336	--	0.0688	--	--	--	--	--	--	--	1,650	6,570
	3/29/2018	Reg	--	0.00933	--	4.15	--	1.03	< 0.1	--	--	0.132	--	--	--	--	--	--	1,520	4,020
	9/13/2018	Reg	0.00984 J	--	3.93	--	3.62	--	--	< 0.500 U	0.14	--	--	--	--	--	--	--	1,380	3,650
MW096P	6/21/2012	N	--	< 0.0400 U	--	< 0.0400 U	--	--	--	--	--	--	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	--	--	--	--
	7/11/2012	N	--	--	--	0.0664	--	0.0229	--	--	--	--	--	--	--	--	--	--	--	--
	8/3/2012	N	--	--	--	0.0229	--	0.0133	--	--	--	--	--	--	--	--	--	--	--	--
	9/6/2012	N	--	--	--	< 0.0100 U	--	< 0.0100 U	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	11/19/2012	N	--	--	--	0.0177	--	< 0.0100 U	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/7/2014	N	0.0126 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.104	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	197	897
	5/28/2015	N	0.00874 J	--	< 0.0100 U	--	--	< 0.0100 U	< 0.200 U	--	0.0865	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	227	974
	5/19/2016	N	0.0117	--	0.118	--	0.119	--	--	--	--	--	--	--	--	--	--	--	242	1,200
	5/4/2017	N	0.0116	--	0.0615	--	0.0162	--	0.119	--	0.242	--	--	--	--	--	--	--	330	1,390
MW097P	6/21/2012	N	--	< 0.00400 U	--	< 0.00400 U	--	--	--	--	--	--	< 1.00 U	< 1.00 U	< 1.00 U	< 1.00 U	--	--	--	--
	7/10/2012	N	--	--	--	0.631	--	0.665	--	--	--	--	--	--	--	--	--	--	--	--
	9/5/2012	N	--	--	--	0.323	--	0.322	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	11/19/2012	N	--	--	--	0.562	--	0.436	< 0.200 U	< 0.200 U	--	--	--	--	--	--	--	--	--	--
	5/7/2014	N	0.0111 J	--	< 0.0100 UJ	--	--	0.0284	< 0.200 U	--	0.452	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	535	2,110
	6/2/2015	N	0.00646 J	--	0.00454 J	--	--	< 0.0100 U	< 0.200 U	--	0.324	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	605	2,450
	5/19/2016	N	0.0109	--	0.456	--	0.346	--	--	--	--	--	--	--	--	--	--	--	855	3,880
	5/4/2017	N	0.00811	--	0.39	--	0.379	--	< 0.02 U	--	0.0722	--	--	--	--	--	--	--	1,010	3,760
	4/4/2018	Reg	--	0.00869	--	0.385	--	0.371	< 0.100 U	--	--	0.0554	--	--	--	--	--	--	965	3,670
MW099	12/12/2016	N	< 0.01 U	--	< 0.01 U	--	< 0.01 U	--	0.523	--	0.0249	--	--	--	--	--	--	--	63.2	520
	5/11/2017	N	0.0375	--	0.00134 J	--	< 0.01 U	--	0.0509 J	--	0.387	--	--	--	--	--	--	--	74	336
	9/21/2017	N	0.0297	--	< 0.00400 U	--	--	< 0.0100 U	0.0705 J	--	0.322	--	--	--	--	--	--	--	66.9	496
	3/29/2018	Reg	--	0.0124	--	< 0.00400 U	--	< 0.0100 U	0.0835	--	--	0.262	--	--	--	--	--	--	64.8	429
	3/29/2018	FD	--	0.012	--	< 0.00400 U	--	< 0.0100 U	0.0661	--	--	0.252	--	--	--	--	--	--	67.2	447
	9/13/2018	Reg	0.00898 J	--	< 0.0200 U	--	< 0.0100 U	--	--	< 0.500 U	0.219	--	--	--	--	--	--	--	64.6	496
MW100	12/12/2016	N	< 0.01 U	--	< 0.01 U	--	< 0.01 U	--	0.0211 J	--	0.39	--	--	--	--	--	--	--	172	722
	5/9/2017	N	0.00793	--	0.00191 J	--	< 0.01 U	--	0.151 J	--	0.184	--	--	--	--	--	--	--	690	1,780
	5/9/2017	FD	0.00873	--	0.00209 J	--	< 0.01 U	--	0.212 J	--	0.246	--	--	--	--	--	--	--	632	1,700
	9/20/2017	N	0.0129	--	0.00223 J	--	< 0.01 U	--	0.528	--	0.124	--	--	--	--	--	--	--	667 J	1640 J
	9/20/2017	FD	0.0139	--	0.00125 J	--	< 0.01 U	--	0.426	--	0.116	--	--	--	--	--	--	--	216 J	760 J
	3/22/2018	Reg	--	0.00858	--	< 0.00400 U	--	< 0.0100 U	0.0727	--	--	0.172	--	--	--	--	--	--	743	2,200
	9/11/2018	Reg	0.00935	--	< 0.00400 U	--	< 0.0100 U	--	--	0.0583 J	0.253	--	--	--	--	--	--	--	789	1,640
	9/11/2018	FD	0.00906	--	< 0.00400 U	--	< 0.0100 U	--	--	0.0569 J	0.223	--	--	--	--	--	--	--	865	1,730
ROLANDWW	9/29/1997	N	< 0.10 U	--	0.16	--	--	--	--	--	--	--	--	--	--	--	--	--	1,100	2,700
	1/19/1999	N	< 0.1 U	--	< 0.05 U	--	--	--	--	--	--	--	--	--	--	--	--	--	920	2,300
RW001	2/17/1999	N	--	--	1.3	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	910	3,600
	2/18/1999	N	--	--	1.4 1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	920 1000	3700 3700
RW002	10/1/2001	N	--	--	3.08	--	--	2.6	< 0.1 U	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	0.12	1,600	4,730
	12/11/2001	N	--	--	--	4.2	--	3.6	--	--	--	--	--	--	--	--	--	--	--	--
	12/12/2001	N	--	--	--	4.15	--	4.1	--	--	--	--	--	--	--	--	--	--	--	--
	12/13/2001	N	--	--	--	4.09 4.09	--	3.5 3.6	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/2002	N	--	--	4.2	--	3.2	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	4,990
	6/10/2003	N	--	< 0.05 U	4.31	4.05	3.76	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,300	--
	6/10/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1,320	--
	7/1/2003	N	--	< 0.05 U	7.13	3.58	3.57	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,300	--
	7/2/2003	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/9/2003	N	--	< 0.05 U	4.27	4.11	3.16	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	--
	7/15/2003	N	--	< 0.05 U	4.16	4.31	< 5 U	--	< 0.1 U	0.2	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	--
	7/30/2003	N	--	< 0.05 U	4.26	4.22	3.3	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	60	--
	8/20/2003	N	--	< 0.05 U	4.07	4.07	1.6	--	< 0.1 U	< 0.1 U	0.08	0.08	--	--	--	--	--	--	1,300	--
	9/30/2003	N	--	< 0.05 U	4.07	3.95	2	--	0.2	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,700	--
	10/28/2003	N	--	< 0.05 U	3.85	3.78	3	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,200	--
	12/8/2003	N	--	< 0.05 U	4.04	3.67	1.6	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	--
	1/7/2004	N	--	< 0.05 U	3.99	4.51	2.1	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	1,400	4,870
	3/4/2004	N	--	< 0.05 U	4.07	4.15	0.4 0.44	--	< 0.1 U	0.1	0.07	0.08	--	--	--	--	--	--	1,080	--

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Location ID	Sample Date	Sample Type	Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
			Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
			NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
RW002	4/1/2004	N		--	< 0.01 U	**3.49**	**3.6**	**1.4**	--	< 0.1 U	< 0.1 U	**0.08**	**0.1**	--	--	--	--	--	--	**1,100**	**4,660**
	5/17/2004	N		--	--	--	--	**1.4**	--	--	--	--	--	--	--	--	--	--	--	--	--
	5/18/2004	N		--	< 0.01 U	**3.58**	**3.83**	**1.2**	--	< 0.1 U	< 0.1 U	**0.06**	**0.07**	--	--	--	--	--	--	**1,200**	--
	6/10/2004	N		--	--	--	--	**3.7**	--	--	--	--	--	--	--	--	--	--	--	--	--
	6/14/2004	N		--	< 0.01 U	**3.75**	**3.9**	**2.6**	--	< 0.1 U	**0.2**	< 0.05 U	**0.05**	--	--	--	--	--	--	**1,000**	--
	7/8/2004	N		--	--	--	--	**1.8**	--	--	--	--	--	--	--	--	--	--	--	--	--
	7/13/2004	N		--	< 0.01 U	**4.03**	**3.58**	**2.4**	--	< 0.1 U	**0.2**	< 0.05 U	**0.06**	--	--	--	--	--	--	**1,190**	--
	8/11/2004	N		--	--	--	--	**0.9**	--	--	--	--	--	--	--	--	--	--	--	--	--
	8/16/2004	N		--	< 0.01 U	**3.12**	**3.47**	**6.3**	--	< 0.1 U	< 0.1 U	**0.1**	**0.07**	--	--	--	--	--	--	**1,000**	--
	9/15/2004	N		--	--	--	--	**0.06**	--	--	--	--	--	--	--	--	--	--	--	--	--
	9/16/2004	N		--	< 0.01 U	**3.02**	**3.09**	**1.3**	--	< 0.1 U	< 0.1 U	**0.2**	**0.16**	--	--	--	--	--	--	**1,080**	--
	10/6/2004	N		--	--	--	--	**1.6**	--	--	--	--	--	--	--	--	--	--	--	--	--
	10/7/2004	N		--	< 0.01 U	**2.01**	**2.11**	**0.6**	--	**1.4**	**1.4**	**0.8**	**0.81**	--	--	--	--	--	--	**1,110**	--
	11/17/2004	N		--	< 0.01 U	**1.58**	**1.81**	**2**	--	< 0.4 U	**1.27**	**0.64**	**0.69**	--	--	--	--	--	--	**1,030**	**4,930**
	12/20/2004	N		--	--	--	--	**1.4**	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/29/2004	N		--	< 0.01 U	**0.92**	**0.94**	< 0.02 U	--	**1.35**	**1.51**	**0.7**	**0.7**	--	--	--	--	--	--	**1,040**	**4,960**
	1/25/2005	N		--	< 0.01 U	**0.13**	**0.19**	< 0.005 U	--	**3.6**	**3.69**	**0.85**	**0.88**	--	--	--	--	--	--	**1,050**	**4,640**
	2/9/2005	N		--	< 0.01 U	**0.3**	**0.08**	< 0.005 U	--	< 0.4 U	**1.96**	< 0.01 U	**0.82**	--	--	--	--	--	--	**1,000**	**4,710**
	3/9/2005	N		--	< 0.01 U	**0.05**	**0.08**	< 0.005 U	--	**3.14**	**3.13**	**0.93**	**0.96**	--	--	--	--	--	--	**1,040**	**4,850**
	4/12/2005	N		--	< 0.01 U	**0.06**	**0.07**	< 0.01 U	--	**3.63**	**3.71**	**1.02**	**1.02**	--	--	--	--	--	--	**1,000**	**4,780**
	5/12/2005	N		--	< 0.01 U	**0.05**	**0.06**	< 0.01 U	--	**5.11**	**5.47**	**1.27**	**1.27**	--	--	--	--	--	--	**1,050**	**4,780**
	6/8/2005	N		--	< 0.01 U	**0.06**	**0.07**	< 0.01 U	--	**7.02**	**7.16**	**1.24**	**1.26**	--	--	--	--	--	--	**1,080**	**4,630**
	7/7/2005	N		--	< 0.01 U	**0.1**	**0.09**	< 0.005 U	--	**9.38**	**7.66**	**1.77**	**1.44**	--	--	--	--	--	--	**1,090**	**4,640**
	2/10/2006	N		--	< 0.02 U	--	**0.295**	--	< 0.02 U	--	**23.7**	**6.42**	**6.42**	< 10 U	< 10 U	< 10 U	< 30 U	< 0.6 U	< 0.6 U	**1,390**	**5,700**
	7/20/2006	N		--	< 0.02 U	--	**0.0581**	--	< 0.02 U	--	**21.8**	**1.79**	**1.79**	< 1 U	< 1 U	< 1 U	< 3 U	**0.38**	< 0.05 U	**1,220**	**4,980**
	3/29/2007	N		--	< 0.02 U	--	**0.205**	--	< 0.02 U	--	**40.7**	**1.51**	**1.51**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.1 U	< 0.05 U	**1,080**	--
	4/17/2008	N		--	< 0.02 U	--	**0.0523**	--	< 0.02 U	--	**24.6**	**1.23**	**1.23**	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**1,220**	**4,590**
	3/31/2009	N		--	< 0.02 U	--	**0.0662**	--	< 2.00 U	--	**14.8**	**1.64**	**1.64**	< 5 U	< 5 U	< 5 U	< 15 U	**6.6**	< 0.25 U	**942**	**5,160**
	3/11/2010	N		--	< 0.05 U	--	< 0.05 U	--	**0.152**	--	**8.85**	**2.96**	**2.96**	< 1 U	< 1 U	< 1 U	< 1 U	**1**	< 0.05 U	**369**	**3,500**
	5/22/2012	N		< 0.0100 U	--	**0.0126**	--	--	**0.0448**	**16.3**	--	**0.898**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**1,060**	**4,420**
	5/20/2013	N		< 0.0200 U	--	**0.0145**	--	--	< 0.100 U	**5.78**	--	**0.854**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**994**	**3,320**
RW003	12/18/2001	N		--	--	--	**3.55**	--	**2.4**	--	--	--	--	--	--	--	--	--	--	--	--
	12/20/2001	N		--	--	--	**3.08**	--	**2.4**	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/2002	N		--	--	**4.44**	--	**0.064**	--	< 0.1 U	**0.1**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**980**	**3,930**
	6/10/2003	N		--	< 0.05 U	**3.39**	**3.51**	**3.03**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**890**	--
	6/10/2003	FD		--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**900**	--
	7/2/2003	N		--	< 0.05 U	**3.85**	**3.35**	**2.69**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**800**	--
	7/8/2003	N		--	< 0.05 U	**3.11**	**3.08**	**2.86**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**700**	--
	7/15/2003	N		--	< 0.05 U	**3.74**	**3.87**	< 5 U	--	< 0.1 U	< 1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**890**	--
	7/30/2003	N		--	< 0.05 U	**2.81**	**2.75**	**2.1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**770**	--
	8/21/2003	N		--	< 0.05 U	**3.17**	**3.32**	**2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**740**	--
	9/30/2003	N		--	< 0.05 U	**2.58**	**3.2**	**2.2**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**700**	--
	10/28/2003	N		--	< 0.05 U	**2.64**	**2.85**	**2.4**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**700**	--
	12/9/2003	N		--	< 0.05 U	**2.85**	**2.94**	**0.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**760**	--
	1/7/2004	N		--	< 0.05 U	**3.05**	**2.97**	**0.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**970**	**3,640**
	2/19/2004	N		--	< 0.05 U	**0.85**	**0.99**	**0.63**	--	< 0.1 U	**0.4**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**500**	--
	4/6/2004	N		--	< 0.01 U	**1.14**	**1.27**	**1**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**600**	--
	5/6/2004	N		--	< 0.01 U	**0.77**	**1.87**	**0.5**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**730**	--
	6/8/2004	N		--	< 0.01 U	**1.06**	**1.11**	**0.9**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**640**	--
	7/14/2004	N		--	< 0.01 U	**0.79**	**0.59**	**0.34**	--	< 0.1 U	**0.6**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**400**	--
	8/16/2004	N		--	< 0.01 U	**1.99**	**2.01**	**3.7**	--	< 0.1 U	**0.2**	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**700**	--
	9/9/2004	N		--	< 0.01 U	**0.85**	**1.02**	**0.47**	--	< 0.1 U	< 0.1 U	**0.06**	**0.06**	--	--	--	--	--	--	**540**	--
	10/7/2004	N		--	< 0.01 U	**0.28**	**0.27**	**0.23**	--	< 0.1 U	< 0.1 U	**0.05**	< 0.05 U	--	--	--	--	--	--	**430**	--
	11/10/2004	N		--	< 0.01 U	**0.21**	**0.27**	< 0.05 U	--	< 0.4 U	< 0.4 U	**0.44**	**0.67**	--	--	--	--	--	--	**480**	**2,820**
	12/28/2004	N		--	< 0.01 U	**0.08**	**0.14**	< 0.005 U	--	**0.96**	**0.8**	**0.91**	**0.74**	--	--	--	--	--	--	**490**	**2,760**
	1/18/2005	N		--	< 0.01 U	**0.1**	**0.14**	< 0.005 U	--	**4.23**	**4.2**	**1.83**	**1.9**	--	--	--	--	--	--	**510**	**2,960**
	2/10/2005	N		--	< 0.01 U	**0.06**	**0.06**	< 0.005 U	--	**10**	**11.7**	< 0.01 U	< 0.01 U	--	--	--	--	--	--	**550**	**3,340**
	3/10/2005	N		--	< 0.01 U	**0.07**	**0.07**	< 0.005 U	--	**15.4**	**24.7**	**5.04**	**6.82**	--	--	--	--	--	--	**430**	**2,930**
	4/13/2005	N		--	< 0.01 U	**0.04**	**0.04**	< 0.005 U	--	**0.82**	**11.3**	**4.02**	**3.94**	--	--	--	--	--	--	**390**	**2,760**
	5/18/2005	N		--	< 0.01 U	**0.03**	**0.03**	**0.02**	--	**1.18**	**12**	**3.97**	**4.01**	--	--	--	--	--	--	**430**	**2,720**
	6/14/2005	N		--	< 0.01 U	**0.02**	**0.03**	< 0.005 U	--	**1**	**14.2**	**4.16**	**4.28**	--	--	--	--	--	--	**460**	**2,620**
	7/12/2005	N		--	< 0.01 U	**0.02**	**0.02**	< 0.005 U	--	**2.02**	**12.6**	**3.66**	**3.71**	--	--	--	--	--	--	**430**	**2,580**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
	7/19/2005	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/10/2006	N	--	**0.0367**	--	< 0.015 U	--	< 0.02 U	--	**94.9**	**11.7**	**11.7**	< 10 U	< 10 U	< 10 U	< 30 U	< 3 U	< 12 U	**545**	**3,130**
	7/20/2006	N	--	**0.0656**	--	< 0.015 U	--	< 0.02 U	--	**73.8**	**1.15**	**1.15**	< 5 U	< 5 U	< 5 U	< 15 U	< 2.4 U	< 0.25 U	**585**	**2,730**
	4/2/2007	N	--	**0.128**	--	< 0.015 U	--	< 0.2 U	--	**44.9**	**0.889**	**0.889**	< 5 U	< 5 U	< 5 U	< 15 U	**1.1**	< 0.25 U	**627**	--
	4/21/2008	N	--	**0.12**	--	< 0.015 U	--	< 0.5 U	--	**40.4**	**0.833**	**0.833**	< 5 U	< 5 U	< 5 U	< 1.5 U	**0.67**	**0.25**	**441**	**2,700**
	4/1/2009	N	--	**0.101**	--	< 0.015 U	--	< 0.2 U	--	**53.3**	**0.05**	**0.05**	< 5 U	< 5 U	< 5 U	< 15.0 U	**0.76**	< 0.25 U	**487**	**2,170**
	3/11/2010	N	--	< 0.5 U	--	< 0.500 U	--	< 0.1 U	--	**3.71**	**4.55**	**4.55**	< 1 U	< 1 U	< 1 U	< 1 U	**0.138**	< 0.05 U	**299**	**1,900**
	5/21/2012	N	< 0.0100 U	--	< 0.0100 U	--	--	< 0.0100 U	**19**	--	**0.931**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**584**	**2,550**
	5/22/2013	N	**0.0362**	--	**0.019**	--	--	< 0.0100 U	**4.97**	--	**1.02**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**550**	**2,270**

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Appendix E
Historical Analytical Data (through 2017)
2021 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant

Chemical Name			Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
Units			mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
NMWQCC Standard			0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
RW003	5/28/2014	N	**0.00909 J**	--	< 0.0100 U	--	--	< 0.0500 U	**0.154 J**	--	**0.622**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**474**	**1,970**
	5/22/2015	N	< 0.0200 U	--	**0.00102 J**	--	--	< 0.0500 U	**0.140 J**	--	**0.704**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**516**	**1,080**
	5/13/2016	N	**0.0787**	--	< 0.00136 U	--	< 0.00548 U	--	--	--	--	--	--	--	--	--	--	--	**339**	**1,990**
	5/5/2017	N	**0.0792**	--	< 0.004 U	--	< 0.01 U	--	**38.7**	--	**1.21**	--	--	--	--	--	--	--	**509**	**2,460**
RW004A	10/1/2001	N	--	--	**3.11**	--	--	**2**	**0.1**	--	--	--	**400**	**1200**	< 2 U	< 2 U	< 0.25 U	**0.63**	**1,120**	**2,000**
	12/6/2001	N	--	--	--	**4.26** **4.19**	--	**2** **1.9**	--	--	--	--	--	--	--	--	--	--	--	--
	12/7/2001	N	--	--	--	**4.17**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/8/2001	N	--	--	--	**4.28**	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	2/4/2002	N	--	--	**4.33**	--	**3.5**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**1,100**	**4,250**
	9/18/2002	N	--	--	**3.63**	--	**3**	--	--	--	--	--	< 2 U	< 2 U	< 2 U	< 2 U	< 0.25 U	< 0.05 U	**860**	--
	6/9/2003	N	--	< 0.05 U	**5.43**	**2.61**	**4.62**	--	< 0.1 U	< 0.1 U	< 0.05 U	< 0.05 U	--	--	--	--	--	--	**860**	--
	6/9/2003	FD	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**880**	--
	7/1/2003	N	--	< 0.05 U	**0.07**	**0.07**	< 0.05 U	--	**11**	**11.5**	**1.66**	**1.73**	--	--	--	--	--	--	**2,300**	--
	7/9/2003	N	--	< 0.05 U	< 0.05 U	**0.08**	< 0.05 U	--	**6.2**	**22.2**	**0.78**	**2.47**	--	--	--	--	--	--	**3,000**	--
	7/15/2003	N	--	< 0.05 U	**0.1**	**0.07**	< 0.1 U < 1 U	--	**23.4**	**22.3**	**2.12**	**1.95**	--	--	--	--	--	--	**1,900**	--
	7/28/2003	N	--	< 0.5 U	< 0.5 U	**0.6**	< 0.02 U	--	**191**	**19.6**	**14.9**	**1.59**	--	--	--	--	--	--	**1,500**	--
	8/21/2003	N	--	< 0.05 U	**0.13**	**0.12**	< 0.005 U	--	**66.3**	**75.8**	**3.62**	**4.23**	--	--	--	--	--	--	**1,500**	--
	10/1/2003	N	--	< 0.05 U	**0.57**	**0.41**	< 0.1 U	--	**50.2**	**54.4**	**4.55**	**4.94**	--	--	--	--	--	--	**4,500**	--
	10/29/2003	N	--	< 0.05 U	**0.21**	**0.24**	< 0.005 U	--	**127**	**145**	**20.3**	**21.9**	--	--	--	--	--	--	**3,000**	--
	12/9/2003	N	--	< 0.05 U	**0.23**	**0.21**	< 0.01 U	--	**124**	**123**	**11.1**	**17.9**	--	--	--	--	--	--	**1,400**	--
	1/8/2004	N	--	< 0.5 U	< 0.5 U	< 0.5 U	< 0.005 U	--	**75**	**84**	**11**	**8.8**	--	--	--	--	--	--	**1,300**	**32,600**
	3/2/2004	N	--	< 0.05 U	**0.78**	**0.77**	< 0.05 U	--	**532**	**543**	**35.7**	**82.5**	--	--	--	--	--	--	**1,800**	--
	4/1/2004	N	--	< 0.01 U	**0.09**	**0.1**	< 0.1 U	--	**76.2**	**84.1**	**4.05**	**4.99**	--	--	--	--	--	--	**1,240**	**22,400**
	5/4/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.1 U	--	**122**	**179**	**16.1**	**25**	--	--	--	--	--	--	**2,200**	--
	6/8/2004	N	--	< 0.01 U	**0.21**	**0.26**	< 0.1 U	--	**191**	**225**	**29.4**	**36.4**	--	--	--	--	--	--	**2,700**	--
	7/8/2004	N	--	< 0.01 U	**0.2**	**0.3**	< 0.1 U	--	**221**	**291**	**19**	**35.1**	--	--	--	--	--	--	**1,900**	--
	8/11/2004	N	--	< 0.01 U	< 0.05 U	< 0.05 U	< 0.1 U	--	**30.9**	**35.1**	**2.86**	**3.11**	--	--	--	--	--	--	**2,000**	--
	9/16/2004	N	--	< 0.05 U	< 0.2 U	< 0.2 U	< 0.1 U	--	**166**	**166**	**5**	**5.2**	--	--	--	--	--	--	**1,240**	--
	10/5/2004	N	--	< 0.01 U	**0.08**	< 0.05 U	**0.2**	--	**54.7**	**80**	**4.38**	**0.6**	--	--	--	--	--	--	**1,740**	--
	11/9/2004	N	--	< 0.1 U	< 0.1 U	**0.1**	< 0.1 U	--	**78.1**	**82.1**	**8.6**	**9.2**	--	--	--	--	--	--	**1,170**	**34,000**
	11/15/2004	N	--	--	--	--	**1.9**	--	--	--	--	--	--	--	--	--	--	--	--	--
	12/20/2004	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.005 U	--	**81.1**	**76.8**	**9.3**	**11.3**	--	--	--	--	--	--	**1,140**	--
	1/18/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.005 U	--	**65.1**	**78.5**	**12.5**	**14.9**	--	--	--	--	--	--	**390**	--
	2/14/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**46.9**	**54.4**	**6.5**	**8.5**	--	--	--	--	--	--	**260**	--
	3/8/2005	N	--	< 0.01 U	< 0.1 U	< 0.01 U	**0.006**	--	**30.6**	**2.91**	**5.6**	**0.52**	--	--	--	--	--	--	**220**	--
	4/11/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**68.3**	**66.1**	**10.3**	**10**	--	--	--	--	--	--	**410**	--
	5/12/2005	N	--	< 0.1 U	< 0.1 U	< 0.1 U	< 0.05 U	--	**43.2**	**46.7**	**4.5**	**4.9**	--	--	--	--	--	--	**640**	--
	6/8/2005	N	--	< 0.05 U	**0.06**	**0.06**	< 0.05 U	--	**48.1**	**49.3**	**5.24**	**5.68**	--	--	--	--	--	--	**400**	--
	7/7/2005	N	--	< 0.05 U	**0.05**	**0.05**	< 0.05 U	--	**51.5**	**51.8**	**7.6**	**7.7**	--	--	--	--	--	--	**440**	--
	2/10/2006	N	--	**0.0207**	--	< 0.015 U	--	< 0.08 U	--	**70.3**	**3.1**	**3.1**	< 50 U	< 50 U	< 50 U	< 150 U	< 120 U	< 300 U	**138**	**3,420**
	7/19/2006	N	--	< 0.02 U	--	**0.0213**	--	< 0.02 U	--	**223**	**4.77**	**4.77**	< 10 U	< 10 U	< 10 U	< 30 U	**130**	**9.9**	**147**	**4,890**
	4/11/2007	N	--	**0.1**	--	< 0.075 U	--	< 2.0 U	--	**478**	**7.68**	**7.68**	< 100 U	< 100 U	< 100 U	< 300 U	**340**	**23**	**209**	--
	4/16/2008	N	--	**0.0672**	--	**0.0712**	--	< 1 U	--	**697**	**9.38**	**9.38**	< 10 U	< 5 U	< 5 U	< 15 U	**890**	**22**	**256**	**13,900**
	3/31/2009	N	--	**0.0257**	--	**0.0436**	--	< 0.2 U	--	**986**	**13**	**13**	**290**	< 10 U	**230**	**34**	**710**	**19**	**291**	**14,900**
	3/10/2010	N	--	< 0.50 U	--	< 0.050 U	--	**0.842**	--	**661**	**13.3**	**13.3**	< 5 U	< 5 U	< 5 U	< 5 U	**1300**	**9.83**	**126**	**14,600**
	5/25/2012	N	< 0.0500 U	--	< 0.0500 U	--	--	**2.96**	**9.8**	--	**1.16**	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**480**	**3,900**
	5/20/2013	N	**0.0102 J**	--	**0.026**	--	--	< 0.100 U	**7.25**	--	**0.215**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**462**	**3,780**
	5/8/2014	N	**0.0146 J**	--	**0.0245**	--	--	< 0.0500 U	**8.67**	--	**0.273**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**541**	**4,180**
	6/3/2015	N	**0.0189 J**	--	**0.0201**	--	--	< 0.200 U	**8.98 J**	--	**0.276**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**581**	**4,500**
	5/20/2016	N	**0.0253**	--	**0.0273**	--	< 0.0548 U	--	--	--	--	--	--	--	--	--	--	--	**805**	**3,500**
	5/4/2017	N	**0.036**	--	**0.0285**	--	< 0.01 U	--	**23.1**	--	**0.274**	--	--	--	--	--	--	--	**573**	**3,310**
TEAGUE	5/22/2014	N	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	**1,180**	--
	5/11/2017	N	**0.00457**	--	**0.00844**	--	< 0.01 U	--	**0.0466 J**	--	**0.0185**	--	--	--	--	--	--	--	**1,170**	**2,830**

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		Chemical Name	Dissolved Arsenic	Total Arsenic	Dissolved Chromium	Total Chromium	Dissolved Chromium, Hexavalent	Total Chromium, Hexavalent	Dissolved Iron	Total Iron	Dissolved Manganese	Total Manganese	Benzene	Toluene	Ethylbenzene	Total Xylenes	DRO	GRO	Chloride	TDS
		Units	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	mg/l	mg/l	mg/l	mg/l
		NMWQCC Standard	0.01	0.01	0.05	0.05	0.05	0.05	1	1	0.2	0.2	5	1,000	700	620			250	1000
Location ID	Sample Date	Sample Type																		
WoodellWW	6/14/1996	N	< 0.10 U	--	**0.66**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**782**	--
	8/1/1996	N	--	--	**0.82**	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	4/23/1997	N	< 0.10 U	--	**0.52**	--	--	--	--	--	--	--	< 1 U	< 1 U	< 1 U	< 1 U	--	--	**800**	**2,600**
	1/20/1999	N	< 0.10 U	--	**0.69**	--	--	--	--	--	--	--	--	--	--	--	--	--	**900**	**2,800**
	1/24/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.6 U	< 0.6 U	**699**	**2,390**
	6/27/2006	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**602**	**1,900**
	3/29/2007	N	--	< 0.02 U	--	< 0.015 U	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.097 U	< 0.05 U	**621**	--
	4/15/2008	N	--	< 0.02 U	--	**0.0523**	--	**0.035**	--	**1.14**	< 0.02 U	< 0.02 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.099 U	< 0.05 U	**305**	**1,060**
	8/21/2008	N	--	< 0.02 U	--	**0.0254**	--	< 0.02 U	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**558**	**1,820**
	3/24/2009	N	--	< 0.02 U	--	**0.0296**	--	**0.022**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**690**	**1,780**
	8/24/2009	N	--	< 0.02 U	--	**0.0561**	--	**0.058**	--	< 0.2 U	< 0.005 U	< 0.005 U	< 1 U	< 1 U	< 1 U	< 3 U	< 0.096 U	< 0.05 U	**615**	**1,480**
	3/2/2010	N	--	< 0.05 U	--	< 0.05 U	--	**0.035**	--	**0.098**	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	< 0.051 U	< 0.05 U	**478**	**2,620**
	8/18/2010	N	--	**0.022**	--	< 0.05 U	--	**0.019**	--	< 0.1 U	< 0.050 U	< 0.050 U	< 1 U	< 2 U	< 1 U	< 1 U	**0.073**	< 0.05 U	**380**	**2,120**
	5/16/2012	N	< 0.0100 U	--	**0.0421**	--	--	**0.038**	< 0.200 U	--	< 0.0200 U	--	< 1.00 UJ	< 2.00 UJ	< 1.00 UJ	< 1.00 UJ	--	--	**579 J**	**2,500**
	10/31/2012	N	--	< 0.0100 U	--	**0.0314**	--	**0.0285**	--	< 0.200 U	< 0.0200 U	< 0.0200 U	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**582**	**1,940**
	5/22/2013	N	**0.00973 J**	--	**0.0329**	--	--	**0.0299**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**634**	**2,240**
WoodellWW	10/31/2013	N	**0.00793 J**	--	**0.0866**	--	--	**0.0843**	< 0.200 U	--	**0.0623**	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**775**	**2,820**
	5/29/2014	N	**0.00857 J**	--	**0.0446**	--	--	**0.0341**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**580**	**2,400**
	11/14/2014	N	**0.0168 J**	--	**0.0967**	--	--	**0.0638**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**558**	**2,120**
	5/11/2015	N	**0.00702 J**	--	**0.0203**	--	--	**0.0152**	< 0.200 U	--	< 0.0200 U	--	< 1.00 U	< 2.00 U	< 1.00 U	< 1.00 U	--	--	**711**	**2,330**
	11/13/2015	N	< 0.0200 U	--	**0.0268**	--	--	**0.0288**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**584**	**2,080**
	11/13/2015	FD	< 0.0200 U	--	**0.0265**	--	--	**0.0281**	< 0.200 U	--	< 0.0200 U	--	--	--	--	--	--	--	**590**	**2,140**
	9/19/2016	N	< 0.00336 U	--	**0.0766**	--	**0.071**	--	< 0.00616 U	--	< 0.000585 U	--	--	--	--	--	--	--	**622**	**1,980**
	5/11/2017	N	**0.0095**	--	**0.115**	--	**0.113**	--	**0.0826 J**	--	**0.000684 J**	--	--	--	--	--	--	--	**532**	**1,630**

Notes:

NMWQCC Standard exceedance
-- = not analyzed
< = less than
bold = detected analyte
E = Sample diluted due to instrument range
FD = field duplicate sample
ID = identification
J = estimated value
mg/l = milligrams per liter
N = Normal Sample
NMWQCC = New Mexico Water Quality Control Commission
TDS = total dissolved solids
U = non-detect
ug/l = micrograms per liter

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APPENDIX F

Historical Analytical Data (2017 to current)

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Appendix F
Historical Groundwater Analytical Results
2023 Annual GWM Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
IW001	5/5/2017	REG	0.0179 J	0.0108 J	< 0.0100 U	1.54 J	--	1.84 J	--	--	--	--	--	--	1,030	4,350
IW002	5/5/2017	REG	0.0172	0.0116	< 0.0100 U	25.6	--	1.1	--	--	--	--	--	--	526	2,960
IW003	5/8/2017	REG	0.0137	0.00781	< 0.0100 U	6.3	--	8.02	--	--	--	--	--	--	1,090	2,600
IW003	3/22/2018	REG	0.00717	0.00409	0.00330 J	3.57	1.94	--	--	--	--	--	--	--	999	2,200
IW003	4/15/2019	REG	0.0157	0.0088	< 0.0100 U	5.02	--	3.74	--	--	--	--	--	--	1,130	2,410
IW003	3/11/2020	REG	0.0107	0.00306 J	< 0.0100 U	5.29	--	3.41 D	--	--	--	--	--	--	886	2,400
IW003	3/10/2021	REG	0.0162	0.00497	< 0.0100 U	6.27	--	5.1	--	--	--	--	--	--	795	2,260
IW003	2/17/2022	REG	0.0127	0.00463	< 0.100 U	4.40	--	4.08	--	--	--	--	--	--	938	2,140
IW003	2/22/2023	REG	0.0213	0.00426	<0.0100 U	5.99	--	5.65	--	--	--	--	--	--	823	2,800
IW004	5/8/2017	REG	0.00202	0.0123	< 0.0100 U	1.68	--	3.97	--	--	--	--	--	--	1,000	2,620
IW005	5/8/2017	REG	0.0186	0.0124	< 0.0100 U	10.9	--	2.73	--	--	--	--	--	--	822	2,400
IW006	5/8/2017	REG	0.0196	0.00869	< 0.0100 U	3.93	--	4.15	--	--	--	--	--	--	741	2,150
IW007	5/8/2017	REG	0.0843	0.0192	< 0.0100 U	17.1	--	3.93	--	--	--	--	--	--	893	2,570
IW008	5/8/2017	REG	0.033	0.00545	< 0.0100 U	5.22	--	1.93	--	--	--	--	--	--	608	1,900
IW008	5/8/2017	FD	0.0323	0.00515	< 0.0100 U	5.34	--	1.97	--	--	--	--	--	--	584	1,710
IW008	3/22/2018	REG	0.0248	0.00370 J	< 0.0100 U	4.24	1.2	1.58	--	--	--	--	--	--	707	2,060
IW008	4/12/2019	REG	0.0235	0.00388 J	< 0.0100 U	4.78	--	1.9	--	--	--	--	--	--	875	2,160
IW008	3/10/2020	REG	0.015	0.00331 J	< 0.0100 U	4.05	--	1.60 D	--	--	--	--	--	--	943 J	2590
IW008	3/9/2021	REG	0.0106	0.00407	< 0.0100 U	4.24	--	1.72	--	--	--	--	--	--	802	2,620
IW008	2/16/2022	REG	0.00964	0.00453	< 0.100 U	4.12	--	1.74	--	--	--	--	--	--	873	2660
IW008	2/22/2023	REG	0.00460	0.00454	<0.0100 U	0.868	--	1.48	--	--	--	--	--	--	712	2,330
IW010	5/8/2017	REG	0.00571	< 0.00400 U	0.00620 J	11	--	7.31	--	--	--	--	--	--	913	3,080
IW010	3/22/2018	REG	0.00789	0.00191 J	< 0.0100 U	8.83	0.0599	5.01	--	--	--	--	--	--	906	2,940
IW010	4/12/2019	REG	0.00899	0.00202 J	0.00310 J	11.8	--	7.96	--	--	--	--	--	--	2,280	3,120
IW010	3/10/2020	REG	0.00745	0.00208 J	0.0100 J	10.6	--	7.85 D	--	--	--	--	--	--	1230 J	3680
IW010	3/9/2021	REG	0.00944	0.00195 J	< 0.0100 U	12.2	--	8.12	--	--	--	--	--	--	1160	3,680
IW010	2/16/2022	REG	0.00792	0.00231 J	< 0.100 U	12.0	--	7.98	--	--	--	--	--	--	1290	3700
IW010	2/22/2023	REG	0.00568	0.0015 J	0.00593 J	9.84	--	7.07	--	--	--	--	--	--	1,170	3,480
IW011	5/8/2017	REG	0.00779	< 0.00400 U	< 0.0100 U	0.173	--	0.588	--	--	--	--	--	--	993	2,780
IW012	5/8/2017	REG	0.0103	0.0126	< 0.0100 U	2.55	--	0.32	--	--	--	--	--	--	952	3,320
IW013	5/8/2017	REG	0.00494	0.00637	< 0.0100 U	0.839	--	0.18	--	--	--	--	--	--	2,180	5,430
IW014	5/8/2017	REG	0.0346	0.00776	< 0.0100 U	0.0237	--	0.20	--	--	--	--	--	--	1,400	3,380
IW015	5/8/2017	REG	0.0102	0.0119	< 0.0100 U	0.196	--	0.0861	--	--	--	--	--	--	948	2,460
IW016	5/8/2017	REG	0.00501	< 0.00400 U	< 0.0100 UJ	0.0498	--	0.0772	--	--	--	--	--	--	328	1,270
IW019	5/5/2017	REG	0.00833 J	0.563 J	0.87	< 0.0200 U	--	0.0328 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,070	2,540
IW019	9/26/2017	REG	0.00947	0.743	0.693	0.157 J	--	0.24	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,000	4,380
IW019	4/4/2018	REG	0.00908	0.66	0.616	< 0.100 U	--	0.381	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,070	3,190
IW019	9/11/2018	REG	0.0101	0.757	0.687	< 0.100 U	--	0.0349	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,060	3,270
IW019	4/16/2019	REG	0.00987	0.672	0.664	0.0721 J	--	0.139	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,130 J	3,310
IW019	4/16/2019	FD	0.0106 J	0.736	0.698	< 0.500 U	--	0.105	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	361 J	3,190
IW019	10/10/2019	REG	0.00931	0.621	0.609	< 0.100 U	--	0.0482 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.12 U	< 2.12 U	1,120	3,770
IW019	3/13/2020	REG	0.00867	0.5	0.625	< 0.100 U	--	0.0398	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 2.29 U	< 2.29 U	599	3750
IW019	3/12/2021	REG	0.00929	0.560	0.656	< 0.100 U	--	0.0345	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 2.22 U	< 2.22 U	1270	3,630
IW019	2/21/2022	REG	0.0106	0.598	0.534	< 0.100 U	--	0.0391	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00400 U	< 4.48 U	< 4.48 U	1090	3650
IW019	2/27/2023	REG	0.00909	0.489	0.469	<0.100 U	--	0.0435	<0.00200 UJ	<0.00200 UJ	<0.00200 UJ	<0.00400 UJ	<4.75 U	<4.75 U	880	3,380
IW021	5/5/2017	REG	0.00845	0.706	0.766	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	855	3,740
IW022	5/5/2017	REG	0.00833	0.171	0.178	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	739	3,070
IW023	5/5/2017	REG	0.00817	0.397	0.41	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	729	2,900
IW023	9/22/2017	REG	0.00936	0.423	0.406	0.0417 J	--	0.00149 J	--	--	--	--	--	--	631	2,990
IW023	3/29/2018	REG	0.00871	0.378	0.369	< 0.100 U	--	0.000378 J	--	--	--	--	--	--	644	2,760
IW023	9/14/2018	REG	0.0102	0.376	0.307	< 0.100 U	--	0.000254 J	--	--	--	--	--	--	645	2,790
IW023	9/14/2018	FD	0.0101	0.383	0.269	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	638	2,880
IW023	4/16/2019	REG	0.00961	0.345 J	0.315 J	0.0487 J	--	0.00282	--	--	--	--	--	--	765 J	2,790
IW023	10/10/2019	REG	0.00981	0.315	0.312	0.0668 J	--	0.00412 J	--	--	--	--	--	--	33.3	3,040
IW023	3/12/2020	FD	0.00921	0.334	0.333	< 0.100 U	--	0.000349 J	--	--	--	--	--	--	489	3230
IW023	3/12/2020	REG	0.00952	0.333	0.342	< 0.100 U	--	0.000456 J	--	--	--	--	--	--	521	3230

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
IW023	3/9/2021	FD	0.00982	0.317	0.318	0.223	--	0.00788	--	--	--	--	--	--	576	3,010
IW023	3/9/2021	REG	0.0097	0.312	0.313	0.194	--	0.00674	--	--	--	--	--	--	567	3,000
IW023	2/18/2022	REG	0.0105	0.333	0.317	< 0.100 U	--	0.000806 J	--	--	--	--	--	--	609	2980
IW023	2/18/2022	FD	0.0100	0.322	< 0.100 U	< 0.100 U	--	0.00124 J	--	--	--	--	--	--	623	2890
IW023	2/23/2023	REG	0.00969	0.255	0.265	<0.100 U	--	0.000342 J	--	--	--	--	--	--	552	2,890
IW023	2/23/2023	FD	0.00966	0.267	0.270 J	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	546	2,940
IW024	5/4/2017	REG	0.00877	1.13	1.26	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	871	3,960
IW024	4/4/2018	REG	0.00924	0.99	1.04	< 0.100 U	--	0.000827 J	--	--	--	--	--	--	920	3,450
IW024	4/16/2019	REG	0.0113	1.21	1.02	0.321	--	0.0288	--	--	--	--	--	--	817	4,350
IW024	3/12/2020	REG	0.0104	0.941	0.891	< 0.100 U	--	0.00174 J	--	--	--	--	--	--	656	4040
IW024	3/12/2021	REG	0.0107	0.957	1.02	< 0.100 U	--	0.00314	--	--	--	--	--	--	1040	4,200
IW024	2/21/2022	REG	0.011	0.975	0.876	0.0590 J	--	0.00910	--	--	--	--	--	--	601	3380
IW025	5/4/2017	REG	< 0.00200 U	0.0255	< 0.0100 U	0.063	--	0.822	--	--	--	--	--	--	832	3,750
IW026	5/4/2017	REG	0.0085	0.69	0.737	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	698	3,140
IW027	5/4/2017	REG	0.00815	0.282	0.293	0.189	--	0.00787	--	--	--	--	--	--	430	2,320
IW028	5/4/2017	REG	0.00949	0.694	0.758	< 0.0200 U	--	0.00436	--	--	--	--	--	--	702	2,740
IW029P	5/11/2017	REG	0.106	0.00148 J	< 0.0100 U	81.4	--	4.41	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,100	5,550
IW029P	5/11/2017	FD	0.107	0.00185 J	< 0.0100 U	80.7	--	4.18	< 0.002 U	< 0.002 U	< 0.002 U	0.00866	< 1.50 U	< 1.50 U	1,080	5,440
MW001	5/11/2017	REG	0.000551 J	0.00161 J	< 0.0100 U	0.18	--	0.0971	--	--	--	--	--	--	1,490	2,730
MW001	5/10/2017	REG	0.00199 J	0.0181	< 0.0100 U	0.0102 J	--	0.91	< 0.002 U	< 0.002 U	0.0364	< 0.002 U	< 1.50 U	< 1.50 U	408	2,500
MW001	5/10/2017	FD	0.00185 J	0.02	0.0135	0.0125 J	--	0.937	< 0.002 U	< 0.002 U	0.0315	< 0.002 U	< 1.50 U	< 1.50 U	475	2,580
MW001	9/26/2017	REG	0.00221	0.00906	< 0.0100 U	< 0.100 U	--	0.694	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	482	2,810
MW001	4/4/2018	REG	0.00154 J	0.00146 J	< 0.0100 U	< 0.100 U	--	0.739	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	292	2,350
MW001	9/11/2018	REG	0.00241 J	0.00146 J	< 0.0100 U	< 0.100 U	--	0.584	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	275	2,610
MW001	4/17/2019	REG	0.00174 J	0.00142 J	< 0.0100 U	< 0.100 U	--	0.858	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	451	2,570
MW001	10/10/2019	REG	0.00160 J	0.00176 J	< 0.0100 U	< 0.100 U	--	0.954 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.14 U	< 2.14 U	498	2,680
MW001	3/13/2020	REG	0.00132 J	0.00147 J	< 0.0100 U	< 0.100 U	--	1.42 D	< 0.002 U	< 0.002 U	0.00074 J	< 0.002 U	< 2.28 U	< 2.28 U	360	2860
MW001	3/12/2021	REG	0.00184 J	0.0563	0.0135	0.0403 J	--	1.12	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 2.22 U	< 2.22 U	319	2,570
MW001	2/21/2022	REG	0.00173 J	0.00191 J	< 0.100 U	< 0.100 U	--	1.22	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00400 U	< 4.45 U	< 4.45 U	221	3110
MW001	2/27/2023	REG	0.00189 J	0.00151 J	<0.0100 UJ	<0.100 U	--	1.22	<0.00200 U	0.00061 J	<0.00200 U	<0.00400 U	<4.48 U	<4.48 U	251	3,080
MW002	5/9/2017	REG	0.00922 J	0.285	0.271	< 0.100 U	--	0.00199 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	845	2,750
MW002A	5/9/2017	REG	0.0164	0.709	0.781	< 0.100 U	--	0.0235	--	--	--	--	--	--	1,400	3,510
MW002A	9/22/2017	REG	0.0204	0.867	0.892	0.0591 J	--	0.0234	--	--	--	--	--	--	1,310	3,550
MW002A	4/4/2018	REG	0.0146	0.638	0.724	< 0.100 U	--	0.0163	--	--	--	--	--	--	1,620	3,010
MW002A	9/14/2018	REG	0.0195	0.963	0.796	< 0.100 U	--	0.0193	--	--	--	--	--	--	1,610	3,330
MW002A	4/17/2019	REG	0.0193	0.889	0.00890 J	< 1.00 U	--	0.0201	--	--	--	--	--	--	1,430	3,420
MW002A	10/10/2019	REG	0.0177	0.812	0.758	< 0.100 U	--	0.0163 J	--	--	--	--	--	--	1,630	3,410
MW002A	10/10/2019	FD	0.0192	0.917	0.79	< 0.100 U	--	0.0190 J	--	--	--	--	--	--	1,390	3,430
MW002A	3/12/2020	FD	0.0176	0.891	0.736	0.0647 J	--	0.0193	--	--	--	--	--	--	939	3340
MW002A	3/12/2020	REG	0.0176	0.832	0.716	0.0429 J	--	0.0188	--	--	--	--	--	--	953	3460
MW002A	3/12/2021	REG	0.0172	0.848	0.828	< 0.100 U	--	0.019	--	--	--	--	--	--	1940	1760 J
MW002A	3/12/2021	FD	0.0174	0.826	0.78	< 0.100 U	--	0.0195	--	--	--	--	--	--	1580	3050 J
MW002A	2/21/2022	REG	0.0173	0.896	0.878	0.0460 J	--	0.0199	--	--	--	--	--	--	1000 J	3770
MW002A	2/21/2022	FD	0.0179	0.955	0.902	0.0304 J	--	0.0199	--	--	--	--	--	--	426 J	3890
MW002A	2/27/2023	REG	0.0179	0.916	0.834	<0.100 U	--	0.0175	--	--	--	--	--	--	1,430	4,060
MW002A	2/27/2023	FD	0.0170	0.909 J	0.812 J	<0.100 U	--	0.0172	--	--	--	--	--	--	1,550	4,040
MW003	5/4/2017	REG	0.0135	0.0481	< 0.0100 U	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	64.1	784
MW004	5/5/2017	REG	0.00984	0.339 J	0.257 J	0.0228	--	< 0.00200 UJ	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	672 J	2,880
MW004	5/5/2017	FD	0.00898	0.672 J	0.796 J	< 0.0200 U	--	0.0428 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	1,120 J	3,550
MW004A	5/5/2017	REG	0.0154 J	0.489 J	0.494	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	643	2,420
MW004A	9/22/2017	REG	0.0154	0.463	0.448	< 0.100 U	--	0.000947 J	--	--	--	--	--	--	579	2,640
MW004A	4/4/2018	REG	0.0145	0.498	0.438	< 0.100 U	--	0.000681 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	628	2,110
MW004A	9/14/2018	REG	0.0158	0.515	0.497	< 0.100 U	--	0.000320 J	--	--	--	--	--	--	632	2,230
MW004A	4/16/2019	REG	0.0156	0.558	0.459	< 0.100 U	--	0.000551 J	--	--	--	--	--	--	550	1,080
MW004A	10/11/2019	REG	0.0148 J	0.415	0.378	< 0.500 U	--	< 0.0100 U	--	--	--	--	--	--	635	2,230

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW004A	3/12/2020	REG	0.0145	0.5	0.453	< 0.100 U	--	0.000272 J	--	--	--	--	--	--	599	2240
MW004A	3/12/2021	REG	0.0125	0.366	0.531	0.0238 J	--	0.00288	--	--	--	--	--	--	652	2,410
MW004A	2/21/2022	REG	0.0143	0.504	0.360	< 0.100 U	--	0.000668 J	--	--	--	--	--	--	778	2140
MW004A	2/23/2023	REG	0.0187	0.00198 J	<0.0100 U	<0.100 U	--	0.000472 J	--	--	--	--	--	--	54.7	532
MW004A	2/27/2023	REG	0.0151	0.597	0.484	<0.100 U	--	0.000517 J	--	--	--	--	--	--	625	2,440
MW007	5/4/2017	REG	0.0119	0.0105	< 0.0100 U	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	43.2	1,040
MW007A	5/4/2017	REG	0.0102	0.661	0.769	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	764	2,950
MW007A	9/22/2017	REG	0.0116	0.729	0.65	< 0.100 U	--	0.00327	--	--	--	--	--	--	662	3,290
MW007A	4/4/2018	REG	0.0102	0.705	0.129	< 0.100 U	--	0.000979 J	--	--	--	--	--	--	815	3,060
MW007A	9/14/2018	REG	0.0115	0.763	0.67	< 0.100 U	--	0.000655 J	--	--	--	--	--	--	801	3,040
MW007A	4/17/2019	REG	0.0109	0.711	0.66	< 1.00 U	--	0.000644 J	--	--	--	--	--	--	792	3,350
MW007A	10/11/2019	REG	0.0113 J	0.676	0.592	< 0.500 U	--	0.00257 J	--	--	--	--	--	--	843	2,980
MW007A	3/12/2020	REG	0.0121	0.87	0.143 J	< 0.100 U	--	0.00172 J	--	--	--	--	--	--	396	3160
MW007A	9/28/2020	REG	0.0101	0.614	0.499	< 0.100 U	--	0.00264	--	--	--	--	--	--	844	3450
MW007A	3/11/2021	REG	0.0116	0.773	0.81	< 0.100 U	--	0.00232	--	--	--	--	--	--	862	798
MW007A	10/15/2021	REG	0.0117 J	0.719	0.809	< 1.00 U	--	0.00248	--	--	--	--	--	--	797	4,230
MW007A	2/21/2022	REG	0.0100	0.688	0.707	< 0.100 U	--	0.00626	--	--	--	--	--	--	1880	3300
MW007A	10/12/2022	REG	0.0113	0.772	0.136	< 0.100 U	--	0.0049	--	--	--	--	--	--	755	3220
MW007A	2/27/2023	REG	0.0110	0.776	0.699	<0.100 U	--	0.000715 J	--	--	--	--	--	--	765	3,260
MW007A	10/4/2023	REG	0.0105	0.683	0.732	<0.100 U	--	0.00321	--	--	--	--	--	--	692	3,170
MW008	5/4/2017	REG	0.0191	0.00575	< 0.0100 U	4.61	--	0.583	--	--	--	--	--	--	824	3,420
MW008A	5/4/2017	REG	0.0618	0.0767	< 0.0100 U	17	--	0.176	--	--	--	--	--	--	771	2,740
MW008M	5/4/2017	REG	0.00325	0.0101	< 0.0100 U	59.9	--	3.11	--	--	--	--	--	--	1,390	4,730
MW008M	9/22/2017	REG	0.0032	0.00823	< 0.0100 U	56.5	--	3.23	--	--	--	--	--	--	1,250	4,930
MW008M	4/4/2018	REG	0.00803	0.0219	< 0.0100 U	107	--	2.96	--	--	--	--	--	--	1,470	4,580
MW008M	4/4/2018	FD	0.00222	0.00842	< 0.0100 U	91.3	--	3.23	--	--	--	--	--	--	1,490	3,820
MW008M	9/14/2018	REG	0.00312 J	0.00775	< 0.0100 U	40.4	--	3.08	--	--	--	--	--	--	1,350	4,600
MW008M	4/17/2019	REG	0.00329 J	0.0071	0.00430 J	35.9	--	2.95	--	--	--	--	--	--	1,350	5,040
MW008M	10/10/2019	REG	0.00362 J	0.00693	0.00710 J	26.5	--	2.80 J	--	--	--	--	--	--	1,530	4,680
MW008M	3/12/2020	REG	0.00407	0.00821	0.00560 J	43.9	--	3.65 D	--	--	--	--	--	--	812	4710
MW008M	3/11/2021	REG	0.00607	0.0129	< 0.0100 U	50.3	--	2.54	--	--	--	--	--	--	1640	1,280
MW008M	2/21/2022	REG	0.00503	0.0108	0.0105	75.0	--	2.9	--	--	--	--	--	--	642	4850
MW008M	2/27/2023	REG	0.0138	0.0284	<0.0100 U	71.6	--	2.45	--	--	--	--	--	--	1,350	4,820
MW009	5/4/2017	REG	0.00655	0.0151	0.0115	< 0.0200 U	--	0.0111	--	--	--	--	--	--	120	1,010
MW009A	5/4/2017	REG	0.00378	0.00684	< 0.0100 U	< 0.0912 UB	--	1.03	--	--	--	--	--	--	447	1,780
MW010	5/9/2017	REG	0.00884	0.0295	0.0271	0.0314	--	0.00459	--	--	--	--	--	--	2,730	6,960
MW010	9/21/2017	REG	0.00803	0.0190 J	0.00310 J	< 0.100 U	--	0.0104	--	--	--	--	--	--	2,360	5,620
MW010	4/2/2018	REG	0.00889	0.0242	0.0157	< 0.100 U	--	0.000740 J	--	--	--	--	--	--	2,920	4,910
MW010	9/13/2018	REG	0.00939 J	0.0228	0.012	< 0.500 U	--	0.00206 J	--	--	--	--	--	--	2,550	4,990
MW010	4/16/2019	REG	0.00885 J	0.0273	0.0213	< 0.500 U	--	< 0.0100 U	--	--	--	--	--	--	2,380	4,160
MW010	10/10/2019	REG	0.00811	0.02	0.088	< 0.100 U	--	0.00474 J	--	--	--	--	--	--	2,450	5,330
MW010	10/10/2019	FD	0.00883	0.016	0.0135	< 0.100 U	--	0.00284 J	--	--	--	--	--	--	2,520	5,300
MW010	3/12/2020	REG	0.00914	0.0206	0.018	< 0.100 U	--	0.00128 J	--	--	--	--	--	--	2430	4640
MW010	3/10/2021	REG	0.00834	0.0158	0.0089 J	0.0831 J	--	0.00384	--	--	--	--	--	--	2590	5,430
MW010	2/18/2022	REG	0.00791	0.0103	0.00953 J	0.0286 J	--	0.00894	--	--	--	--	--	--	2400	4700
MW010	2/23/2023	REG	0.00853	0.0106	<0.0100 U	<0.100 U	--	0.000834 J	--	--	--	--	--	--	2,160	4,970
MW011	5/5/2017	REG	0.00802 J	0.00476 UB	< 0.0100	16.5 J	--	1.64	--	--	--	--	--	--	1,580	4,630
MW011A	5/5/2017	REG	0.0128 J	1.03 J	0.976	< 0.0200 U	--	0.197 J	--	--	--	--	--	--	941	3,310
MW011A	9/22/2017	REG	0.0133	0.692	0.65	< 0.100 U	--	0.182	--	--	--	--	--	--	785	3,530
MW011A	9/22/2017	FD	0.0134	0.707	0.645	< 0.100 U	--	0.183	--	--	--	--	--	--	790	2,950
MW011A	4/4/2018	REG	0.0119	0.371	0.329	< 0.100 U	--	0.16	--	--	--	--	--	--	729	2,090
MW011A	9/14/2018	REG	0.0142	0.291	0.242	< 0.100 U	--	0.193	--	--	--	--	--	--	646	2,160
MW011A	9/14/2018	FD	0.0136	0.277	0.239	< 0.100 U	--	0.187	--	--	--	--	--	--	576	2,080
MW011A	4/17/2019	REG	0.0144	0.159	< 0.0100 U	< 0.100 U	--	0.182	--	--	--	--	--	--	511	1,930
MW011A	10/10/2019	REG	0.0133	0.1	0.0834	< 0.100 U	--	0.167 J	--	--	--	--	--	--	433	1,800

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW011A	3/12/2020	REG	0.0145	0.0942	0.0585	< 0.100 U	--	0.157	--	--	--	--	--	--	430	1680
MW011A	9/28/2020	REG	0.0143	0.057	0.0436	< 0.100 U	--	0.0985	--	--	--	--	--	--	401	1630
MW011A	3/12/2021	REG	0.0142	0.0459	0.0386	< 0.100 U	--	0.0475	--	--	--	--	--	--	488	786
MW011A	10/15/2021	REG	0.0164 J	0.0295 J	0.0205	< 1.00 U	--	0.00389	--	--	--	--	--	--	334	1,410
MW011A	2/21/2022	REG	0.0149	0.0375	0.0295	< 0.100 U	--	0.00650	--	--	--	--	--	--	72.4	1440
MW011A	10/11/2022	REG	0.0141	0.0286	0.0193	< 0.100 U	--	0.00131 J	--	--	--	--	--	--	317	1430
MW011A	2/27/2023	REG	0.0156	0.0278	0.0169	<0.100 U	--	0.0843	--	--	--	--	--	--	309	1,420
MW011A	10/4/2023	REG	0.0155	0.0187	0.0120	<0.100 U	--	0.131	--	--	--	--	--	--	317	1,580
MW011M	5/5/2017	REG	0.00253 J	0.0202 J	< 0.0100 U	2.28 J	--	0.0305 J	--	--	--	--	--	--	1,360	3,970
MW012	5/5/2017	REG	0.0149	< 0.00400 U	< 0.0100 U	3.08	--	4.29	--	--	--	--	--	--	469	2,080
MW012A	5/5/2017	REG	0.0163	< 0.00400 U	< 0.0100 U	0.0741	--	0.0559	--	--	--	--	--	--	85.4	528
MW012M	5/5/2017	REG	0.105	0.0411	< 0.0100 U	7.82	--	0.0876	--	--	--	--	--	--	752	3,690
MW012M	4/4/2018	REG	0.0815	0.0351	< 0.0100 U	4.76	--	0.052	--	--	--	--	--	--	800	3,140
MW012M	4/17/2019	REG	0.0652	0.0306	< 0.0100 U	3.94	--	0.0507	--	--	--	--	--	--	800	3,130
MW012M	3/12/2020	REG	0.0511	0.0287	< 0.0100 U	4.42	--	0.0723	--	--	--	--	--	--	832	2950
MW012M	3/11/2021	REG	0.0297	0.108	< 0.100 U	18.2	--	1.68	--	--	--	--	--	--	979	866
MW012M	2/18/2022	REG	0.0303	0.0161	< 0.100 U	19.0	--	0.326	--	--	--	--	--	--	1140	3730
MW012M	2/27/2023	REG	0.0141	0.0118	<0.0100 U	27.9	--	0.348	--	--	--	--	--	--	1,020	4,510
MW013	5/9/2017	REG	0.00811	1.42	0.15	0.0226	--	0.000450 J	--	--	--	--	--	--	816	3,220
MW013	9/21/2017	REG	0.00734	1.25 J	1.25	< 0.100 U	--	0.00442	--	--	--	--	--	--	255	3,220
MW013	4/2/2018	REG	0.00798	1.75	1.88	< 0.100 U	--	0.000295 J	--	--	--	--	--	--	850	2,880
MW013	9/13/2018	REG	0.00757	1.76	1.84	< 0.100 U	--	0.000747 J	--	--	--	--	--	--	692	2,810
MW013	4/16/2019	REG	0.00809	2.54	2.22 J	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	859	2,940
MW013	10/10/2019	REG	0.00767	1.97	1.75	0.0266 J	--	0.000714 J	--	--	--	--	--	--	814	3,220
MW013	3/12/2020	REG	0.00608	1.3	1.35	< 0.100 U	--	0.000588 J	--	--	--	--	--	--	823	3120
MW013	9/25/2020	REG	0.00729	2.1	0.396	0.19	--	0.00479	--	--	--	--	--	--	908	3460
MW013	3/10/2021	REG	0.00757	2.19	2.12	< 0.100 U	--	0.000637 J	--	--	--	--	--	--	978	3,480
MW013	10/14/2021	REG	0.00578	0.536	1.71	< 0.100 U	--	0.000524 J	--	--	--	--	--	--	760	2,740
MW013	2/16/2022	REG	0.00717	1.22	1.13	0.0382 J	--	0.000611 J	--	--	--	--	--	--	897	3500
MW013	10/12/2022	REG	0.00717	0.465	0.282	0.0303 J	--	0.00206	--	--	--	--	--	--	777	3280
MW013	2/23/2023	REG	0.00615	0.468	0.498	<0.100 U	--	0.000232 J	--	--	--	--	--	--	1,030	3,700
MW013	10/4/2023	REG	0.00562	0.418	0.372	<0.100 U	--	0.0022	--	--	--	--	--	--	694	2,980
MW013A	5/11/2017	REG	0.0195	0.00456	0.00320 J	0.00385 J	--	0.000398 J	--	--	--	--	--	--	84.5	506
MW015	5/11/2017	REG	0.00558	0.00267 J	< 0.0100 U	0.00384 J	--	0.000542 J	--	--	--	--	--	--	476	1,700
MW015A	5/11/2017	REG	0.0105	0.0123	0.0112	0.0119 J	--	0.00376	--	--	--	--	--	--	3,800	6,250
MW015A	9/22/2017	REG	0.00763	0.00192 J	0.00240 J	0.152	--	0.00417	--	--	--	--	--	--	361	1,940
MW015A	4/2/2018	REG	0.00351	0.00546	< 0.0100 U	0.24	--	0.0428	--	--	--	--	--	--	5,570	8,370
MW015A	4/2/2018	FD	0.00222	0.0048	< 0.0100 U	0.214	--	0.0573	--	--	--	--	--	--	5,430	8,500
MW015A	9/13/2018	REG	0.00882 J	0.00534 J	< 0.0100 U	0.164 J	--	0.0197	--	--	--	--	--	--	5,950	9,850
MW015A	4/16/2019	REG	0.0136 J	0.00983 J	< 0.0100 UJ	< 0.500 U	--	0.00203 J	--	--	--	--	--	--	4,250	6,120
MW015A	10/9/2019	REG	0.012	0.0127	0.00480 J	0.0304 J	--	0.00551	--	--	--	--	--	--	5,480	9,970
MW015A	3/12/2020	REG	0.0119	0.00793	< 0.0100 U	0.0242 J	--	0.00734	--	--	--	--	--	--	5800	9780
MW015A	9/25/2020	REG	0.00819	0.00639	< 0.0100 U	0.766	--	0.0257	--	--	--	--	--	--	5090	8280
MW015A	3/10/2021	REG	0.0105	0.00746	< 0.0100 U	0.131	--	0.016	--	--	--	--	--	--	4840	9,040
MW015A	10/14/2021	REG	0.0065	0.00413	< 0.0100 U	0.0739 J	--	0.0129	--	--	--	--	--	--	3,640	14,200
MW015A	2/18/2022	REG	0.00980	0.00569	< 0.100 U	0.227	--	0.0179	--	--	--	--	--	--	3000	6820
MW015A	10/12/2022	REG	0.0108	0.00332 J	< 0.0100 U	0.700	--	0.346	--	--	--	--	--	--	4290	8650
MW015A	2/23/2023	REG	0.00825	0.00363 J	<0.0100 U	0.165	--	0.217	--	--	--	--	--	--	5,080	10,300
MW015A	10/3/2023	REG	0.00205 J	0.00115 J	<0.0100 U	--	0.162	--	--	--	--	--	--	--	193	3,060
MW016A	9/14/2018	REG	0.00914	0.00528	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	513	1,290
MW016A	10/13/2021	REG	0.00724	0.00712 J	0.00764 J	< 0.100 UJ	--	0.00142 J	--	--	--	--	--	--	615	2,320
MW016A	2/18/2022	REG	0.00965	0.0105	0.0105	< 0.100 U	--	0.000408 J	--	--	--	--	--	--	672	1460
MW016A	10/12/2022	REG	0.0102	0.0116	< 0.0100 U	< 0.100 U	--	0.00540	--	--	--	--	--	--	599	1620
MW016A	2/23/2023	REG	0.00910	0.0113	0.00593 J	<0.100 U	--	0.000332 J	--	--	--	--	--	--	644	1,550
MW018	5/10/2017	REG	0.00994	< 0.00129 UB	< 0.0100 U	0.00457 J	--	< 0.00200 U	--	--	--	--	--	--	210	1,120
MW018	9/21/2017	REG	0.0128	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	241	1,290

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW018	4/2/2018	REG	0.00969	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00133 J	--	--	--	--	--	--	660	1,900
MW018	4/2/2018	FD	0.00933	0.000717 J	< 0.0100 U	< 0.100 U	--	0.00151 J	--	--	--	--	--	--	601	2,020
MW018	9/13/2018	REG	0.00937 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00220 J	--	--	--	--	--	--	528	2,210
MW018	4/16/2019	REG	0.0124	< 0.00400 U	< 0.0100 U	0.0574 J	--	0.00194 J	--	--	--	--	--	--	455	1,600
MW018	10/9/2019	REG	0.0103	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000437 J	--	--	--	--	--	--	502	1,650
MW018	3/12/2020	REG	0.0109	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000492 J	--	--	--	--	--	--	327	1450
MW018	9/25/2020	REG	0.011	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00052	--	--	--	--	--	--	153	967
MW018	2/23/2023	REG	0.0100	< 0.00400 U	< 0.0100 U	< 0.100 U	--	<0.00200 U	--	--	--	--	--	--	186	1,190
MW018	10/13/2021	REG	0.00785	< 0.00400 UJ	< 0.0100 U	< 0.100 UJ	--	0.000515 J	--	--	--	--	--	--	186	1,090
MW018	2/18/2022	REG	0.0103	< 0.00400 U	< 0.100 U	< 0.100 U	--	0.000705 J	--	--	--	--	--	--	199	1140
MW018	10/12/2022	REG	0.0113	0.0236	< 0.0100 U	0.0578 J	--	0.0198	--	--	--	--	--	--	187	1130
MW018	2/23/2023	REG	0.0100	<0.00400 U	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	186	1,190
MW018	10/3/2023	REG	0.0101	<0.00400 U	<0.0100 U	--	0.0307	--	--	--	--	--	--	--	192	1,210
MW019A	5/10/2017	REG	0.0106	0.00182 J	< 0.0100 U	0.0154 J	--	0.00169 J	--	--	--	--	--	--	327	1,300
MW019A	9/21/2017	REG	0.0134	0.000637 J	< 0.0100 U	< 0.100 U	--	0.000387 J	--	--	--	--	--	--	262	1,250
MW019A	4/2/2018	REG	0.0125	0.000668 J	< 0.0100 U	< 0.100 U	--	0.00157 J	--	--	--	--	--	--	301	1,060
MW019A	9/13/2018	REG	0.0116 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.0118	--	--	--	--	--	--	291	1,170
MW019A	4/16/2019	REG	0.00627	0.000853 J	< 0.0100 U	0.0538 J	--	0.0179	--	--	--	--	--	--	303	1,110
MW019A	10/9/2019	REG	0.0103	0.000533 J	< 0.0100 U	< 0.100 U	--	0.00424	--	--	--	--	--	--	346	1,200
MW019A	3/12/2020	REG	0.0112	0.000552 J	< 0.0100 UJ	< 0.100 U	--	0.00196 J	--	--	--	--	--	--	259	1180
MW019A	3/10/2021	REG	0.0104	0.000902 J	< 0.0100 U	0.0454 J	--	0.00716	--	--	--	--	--	--	266	1,310
MW019A	2/18/2022	REG	0.0117	0.000738 J	< 0.100 U	< 0.100 U	--	0.00184 J	--	--	--	--	--	--	378	1290
MW019A	2/23/2023	REG	0.00823	0.000597 J	< 0.100 U	0.0435 J	--	0.0112	--	--	--	--	--	--	318	1,330
MW020	5/11/2017	REG	0.0105	0.00371 J	< 0.0100 U	0.0236	--	0.00101 J	--	--	--	--	--	--	733	2,180
MW020	3/11/2021	REG	0.0146	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	405	632
MW020A	5/11/2017	REG	0.00893	0.00723	0.00290 J	0.00408 J	--	0.000342 J	--	--	--	--	--	--	1,070	2,410
MW020A	9/21/2017	REG	0.0108	0.00696 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	1,010	2,700
MW020A	4/2/2018	REG	0.0101	0.00589	< 0.0100 U	< 0.100 U	--	0.00115 J	--	--	--	--	--	--	1,130	2,180
MW020A	9/13/2018	REG	0.0112 J	0.00675 J	< 0.0100 U	< 0.500 U	--	0.00217 J	--	--	--	--	--	--	961	2,370
MW020A	4/16/2019	REG	0.0111 J	0.00560 J	< 0.0100 U	< 0.500 U	--	0.00112 J	--	--	--	--	--	--	1,320	2,180
MW020A	4/16/2019	FD	0.0106 J	0.00511	< 0.0100 U	< 0.500 U	--	0.00123 J	--	--	--	--	--	--	1,060	2,140
MW020A	10/9/2019	REG	0.00988	0.00604	0.00630 J	< 0.100 U	--	0.000518 J	--	--	--	--	--	--	1,260	2,560
MW020A	3/12/2020	REG	0.00967	0.00568	< 0.0100 UJ	< 0.100 U	--	0.000353 J	--	--	--	--	--	--	951	2600
MW020A	3/10/2021	REG	0.0107	0.00549	< 0.0100 U	< 0.100 U	--	0.00108 J	--	--	--	--	--	--	1170	2,520
MW020A	2/18/2022	REG	0.0105	0.00829	0.00853 J	< 0.100 U	--	0.00145 J	--	--	--	--	--	--	975	2310
MW020A	2/23/2023	REG	0.0105	0.00886	0.00393 J	<0.100 U	--	0.000267 J	--	--	--	--	--	--	861	2,070
MW021A	5/10/2017	REG	0.00938	0.00422	< 0.0100 U	0.0123 J	--	0.0724	--	--	--	--	--	--	2,530	5,210
MW021A	9/22/2017	REG	0.0117	0.00429	< 0.0100 U	< 0.100 U	--	0.0106	--	--	--	--	--	--	2,210	5,830
MW021A	4/3/2018	REG	0.0106	0.00392 J	< 0.0100 U	< 0.100 U	--	0.0159 J	--	--	--	--	--	--	2,640	4,240
MW021A	9/12/2018	REG	0.0106	0.00352 J	< 0.0100 U	< 0.100 U	--	0.0108	--	--	--	--	--	--	2,330	5,170
MW021A	4/12/2019	REG	0.011	0.00295 J	< 0.0100 U	< 0.100 U	--	0.0126	--	--	--	--	--	--	1,020	5,150
MW021A	10/10/2019	REG	0.0113	0.00301 J	< 0.0100 U	0.0228 J	--	0.0166 J	--	--	--	--	--	--	2,360	5,810
MW021A	3/11/2020	REG	0.0115	0.00314 J	< 0.0100 U	< 0.100 U	--	0.0155	--	--	--	--	--	--	2310	5330
MW021A	3/10/2021	REG	0.0106	0.00259 J	< 0.0100 U	< 0.100 U	--	0.0174	--	--	--	--	--	--	2330	5,370
MW021A	2/16/2022	REG	0.0106	0.00259 J	< 0.100 U	< 0.100 U	--	0.0211	--	--	--	--	--	--	2620	5750
MW021A	2/23/2023	REG	0.00961	0.00250 J	<0.0100 U	0.0299 J	--	0.0188	--	--	--	--	--	--	2,510	5,520
MW023	5/11/2017	REG	0.00749	1.09	1.05	0.00308 J	--	0.000372 J	--	--	--	--	--	--	798	3,180
MW023	9/21/2017	REG	0.01	1.32 J	1.09	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	739	3,540
MW023	3/29/2018	REG	0.00928	1.42	1.31	< 0.100 U	--	0.000486 J	--	--	--	--	--	--	747	2,800
MW023	9/13/2018	REG	0.00933	1.72	1.43	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	785	3,160
MW023	4/15/2019	REG	0.00878	2.22	2.07	0.0352 J	--	0.00488	--	--	--	--	--	--	860	3,150
MW023	10/8/2019	REG	0.00946	2.75	2.32	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	716	3,360
MW023	3/10/2020	REG	0.00868	2.91 D	2.72	< 0.100 U	--	0.000383 J	--	--	--	--	--	--	790 J	3580
MW023	9/25/2020	REG	0.00809	3.05	0.27	0.024	--	0.00164	--	--	--	--	--	--	780	3510
MW023	3/11/2021	REG	0.00905	3.23	3.65	< 0.100 U	--	0.000205 J	--	--	--	--	--	--	832	874

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Appendix F
Historical Groundwater Analytical Results
2023 Annual GWM Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW023	10/14/2021	REG	0.00727	3.14	3.61	< 0.100 U	--	0.000969 J	--	--	--	--	--	--	750	3,560
MW023	2/21/2022	REG	0.00888	3.33	3.29	< 0.100 U	--	0.000538	--	--	--	--	--	--	836	3670
MW023	10/11/2022	REG	0.00876	4.03	3.36	< 0.100 U	--	0.000260 J	--	--	--	--	--	--	731	3850
MW023	2/24/2023	REG	0.00770	2.92	3.37	<0.100 U	--	0.000720 J	--	--	--	--	--	--	798	3,290
MW023	10/5/2023	REG	0.00778	3.36	3.59	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	668	2,950
MW023A	5/11/2017	REG	0.0189	0.00535	< 0.0100 U	0.00417 J	--	0.000257 J	--	--	--	--	--	--	49.9	594
MW024	5/11/2017	REG	0.00875	0.128	0.13	0.00318 J	--	0.00809	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	875	1,720
MW024A	5/11/2017	REG	0.0109	0.724	0.785	0.00442 J	--	0.000468 J	--	--	--	--	--	--	918	2,370
MW024A	9/21/2017	REG	0.0128	0.437 J	0.457 J	< 0.100 U	--	0.000585 J	--	--	--	--	--	--	790	2,620
MW024A	9/21/2017	FD	0.012	0.689 J	< 0.852 UJ	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	748	3,010
MW024A	3/29/2018	REG	0.012	0.621	0.479	< 0.100 U	--	0.000484 J	--	--	--	--	--	--	884	2,360
MW024A	9/12/2018	REG	0.0125	0.579	0.477	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	901	2,420
MW024A	9/12/2018	FD	0.0126	0.547	0.52	< 0.100 U	--	0.000247 J	--	--	--	--	--	--	894	2,310
MW024A	4/12/2019	REG	0.0119	0.5	0.474	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	997	2,140
MW024A	10/8/2019	REG	0.0128	0.504	0.457	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	790	2,470
MW024A	3/11/2020	REG	0.0117	0.498	0.471	< 0.100 U	--	0.000550 J	--	--	--	--	--	--	910	2200
MW024A	3/10/2021	REG	0.0122	0.442	0.429	< 0.100 U	--	0.000457 J	--	--	--	--	--	--	939	2,720
MW024A	2/18/2022	REG	0.0115	0.437	0.315	< 0.100 U	--	0.000622 J	--	--	--	--	--	--	966	2560
MW024A	2/23/2023	REG	0.0115	0.465	0.469	<0.100 U	--	0.000634 J	--	--	--	--	--	--	879	3,120
MW026	9/22/2017	REG	0.00716	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	108	890
MW026	4/5/2018	REG	0.00716	0.00255 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	229	1,180
MW026	9/13/2018	REG	0.00774 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00160 J	--	--	--	--	--	--	129	860
MW026	4/16/2019	REG	0.00768	< 0.00400 U	< 0.0100 UJ	< 0.100 U	--	0.000977 J	--	--	--	--	--	--	104	696
MW026	10/11/2019	REG	0.00801	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000348 J	--	--	--	--	--	--	105	741
MW026	3/12/2020	REG	0.00908	< 0.00400 U	< 0.0100 U	0.0749 J	--	0.00186 J	--	--	--	--	--	--	84.9	670
MW026	3/11/2021	REG	0.00933	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	89.0	733
MW026	2/16/2022	REG	0.00872	< 0.00400 U	< 0.100 U	< 0.100 U	--	0.000447 J	--	--	--	--	--	--	96.5	836
MW026	2/23/2023	REG	0.00745	0.000621 J	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	171	1,140
MW027	5/11/2017	REG	0.00529	0.00238 J	< 0.0100 U	0.00482 J	--	0.000440 J	--	--	--	--	--	--	365	1,680
MW027	9/22/2017	REG	0.00703	0.00211 J	< 0.0100 U	< 0.100 U	--	0.000557 J	--	--	--	--	--	--	351	1,760
MW027	4/3/2018	REG	0.0063	0.00154 J	< 0.0100 U	< 0.100 U	--	0.00155 J	--	--	--	--	--	--	366	1,480
MW027	9/13/2018	REG	0.00682 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00133 J	--	--	--	--	--	--	355	1,600
MW027	4/16/2019	REG	0.00653	0.00139 J	< 0.0100 UJ	0.0457 J	--	0.00129 J	--	--	--	--	--	--	367	1,550
MW027	10/9/2019	REG	0.00685	0.00107 J	< 0.0100 U	< 0.100 U	--	0.000539 J	--	--	--	--	--	--	358	1,610
MW027	3/12/2020	REG	0.0067	0.000861 J	< 0.0100 U	< 0.100 U	--	0.000300 J	--	--	--	--	--	--	364	1710
MW027	3/11/2021	REG	0.00655	0.000702 J	< 0.0100 U	< 0.100 U	--	0.00164 J	--	--	--	--	--	--	360	805
MW027	2/15/2022	REG	0.00782	0.000888 J	< 0.100 U	< 0.100 U	--	< 0.00200 UB	--	--	--	--	--	--	357	1600
MW027	2/23/2023	REG	0.00732	0.000662 J	<0.0100 U	<0.100 U	--	0.000233 J	--	--	--	--	--	--	364	1,530
MW030	5/11/2017	REG	0.0144	0.00256 J	< 0.0100 U	0.0300 J	--	0.00120 J	--	--	--	--	--	--	249	588
MW030	9/21/2017	REG	0.0194	0.00147 J	< 0.0100 U	0.0315 J	--	0.000561 J	--	--	--	--	--	--	202	778
MW030	3/29/2018	REG	0.0179	0.00135 J	< 0.0100 U	< 0.100 U	--	0.000316 J	--	--	--	--	--	--	241	662
MW030	9/13/2018	REG	0.0189 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00159 J	--	--	--	--	--	--	245	726
MW030	4/12/2019	REG	0.0197	0.00126 J	< 0.0100 U	< 0.100 U	--	0.000594 J	--	--	--	--	--	--	220	694
MW030	10/8/2019	REG	0.0204	0.00156 J	< 0.0100 U	0.0382 J	--	0.000554 J	--	--	--	--	--	--	190	715
MW030	3/11/2020	REG	0.0198	0.00163 J	< 0.0100 U	< 0.100 U	--	0.000266 J	--	--	--	--	--	--	235	701
MW030	3/11/2021	REG	0.0201	0.00147 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	213	822
MW030	2/21/2022	REG	0.0195	0.00285 J	0.00580 J	0.280	--	0.00459	--	--	--	--	--	--	258	786
MW030	2/24/2023	REG	0.0162	0.00151 J	<0.0100 U	<0.100 U	--	0.000478 J	--	--	--	--	--	--	237	712
MW030P	5/4/2017	REG	0.239	0.0101	0.027	65.3	--	0.465	--	--	--	--	--	--	478	2,020
MW031	5/11/2017	REG	0.0144	0.00175 J	< 0.0100 U	0.00590 J	--	0.000627 J	--	--	--	--	--	--	138	780
MW031	9/21/2017	REG	0.0227	< 0.00400 U	< 0.0100 U	0.0475 J	--	0.815	--	--	--	--	--	--	166	854
MW031	3/29/2018	REG	0.0511	< 0.00400 U	< 0.0100 U	0.538	--	1.36	--	--	--	--	--	--	228	840
MW031	9/13/2018	REG	0.102	< 0.0200 U	< 0.0100 U	4.17	--	1.02	--	--	--	--	--	--	233	832
MW031	4/15/2019	REG	0.0847	< 0.00400 U	< 0.0100 U	3.36	--	0.866	--	--	--	--	--	--	263	874
MW031	10/9/2019	REG	0.0962 J	< 0.00400 U	0.00570 J	4.93 J	--	0.833	--	--	--	--	--	--	230	876

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Appendix F
Historical Groundwater Analytical Results
2023 Annual GWM Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

ARCADIS

		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW031	10/9/2019	FD	0.0550 J	< 0.00400 U	< 0.0100 U	2.08 J	--	0.818	--	--	--	--	--	--	243	866
MW031	3/11/2020	REG	0.0436	< 0.00400 U	< 0.0100 U	1.52	--	0.892	--	--	--	--	--	--	247	852
MW031	3/10/2021	REG	0.029	< 0.00400 U	< 0.0100 U	0.822	--	0.19	--	--	--	--	--	--	160	863
MW031	2/21/2022	REG	0.0478	< 0.00400 U	< 0.100 U	1.25	--	0.817	--	--	--	--	--	--	157	825
MW031	2/24/2023	REG	0.0451	0.00112 J	<0.0100 U	1.20	--	0.768	--	--	--	--	--	--	187	886
MW032	9/22/2017	REG	0.00397	0.00188 J	< 0.0100 U	0.0228 J	--	0.00117 J	--	--	--	--	--	--	250	1,400
MW032	4/3/2018	REG	0.00332	0.00177 J	< 0.0100 U	< 0.100 U	--	0.000594 J	--	--	--	--	--	--	285	1,190
MW032	9/13/2018	REG	0.00389 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00249 J	--	--	--	--	--	--	309	1,190
MW032	4/16/2019	REG	0.00370 J	0.00473	< 0.0100 UJ	< 0.100 U	--	0.00172 J	--	--	--	--	--	--	386	1,340 J
MW032	4/16/2019	FD	0.00315 J	0.00505	< 0.0100 U	0.0230 J	--	0.00127 J	--	--	--	--	--	--	374	372 J
MW032	10/9/2019	REG	0.00362 J	0.00407	0.00350 J	< 0.100 U	--	0.000854 J	--	--	--	--	--	--	428	1,390
MW032	3/12/2020	REG	0.00359 J	0.00356 J	< 0.0100 U	< 0.100 U	--	0.000244 J	--	--	--	--	--	--	399	1720
MW032	9/25/2020	REG	0.00346 J	0.00357 J	< 0.0100 U	< 0.100 U	--	0.00048	--	--	--	--	--	--	374	1400
MW032	3/12/2021	REG	0.00333 J	0.00394 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	343	1,700
MW032	10/14/2021	REG	0.00377 J	< 0.0400 U	< 0.0100 U	< 1.00 U	--	0.00129 J	--	--	--	--	--	--	308	1,340
MW032	2/16/2022	REG	0.00359 J	0.00261 J	< 0.100 U	< 0.100 U	--	0.000779 J	--	--	--	--	--	--	372	2080
MW032	10/11/2022	REG	0.00354 J	0.00220 J	< 0.0100 U	< 0.100 U	--	0.000293 J	--	--	--	--	--	--	430	1770
MW032	2/23/2023	REG	0.00424	0.00105 J	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	479	1,830
MW032	10/4/2023	REG	0.00453	0.00177 J	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	524	2,040
MW034	5/5/2017	REG	0.00624	0.0185	0.0126	0.0438	--	< 0.00200 U	--	--	--	--	--	--	431	1,630
MW036	5/9/2017	REG	0.06	0.00153 J	< 0.0100 U	29.7	--	0.358	0.407	< 0.01 U	0.588	0.0411	4.41	< 1.50 U	165	914
MW037	5/9/2017	REG	0.0604	0.00211 J	0.00250 J	15.1	--	0.617	0.0572	< 0.002 U	0.0422	< 0.002 U	1.76	1.36 J	647	1,510
MW037	9/26/2017	REG	0.0526	0.00311 J	< 0.0100 U	8.70 J	--	0.178	0.252	0.00271	0.173	< 0.002 U	< 1.50 U	1.51	513	1,470
MW037	4/4/2018	REG	0.0433	0.00105 J	< 0.0100 U	8.01	--	0.0823	0.0225	0.0006 J	0.00974	< 0.002 U	< 1.50 U	0.944 J	516	1,770
MW037	4/4/2018	FD	0.0413	0.00107 J	< 0.0100 U	7.74	--	0.0796	0.0254	< 0.002 U	0.0116	< 0.002 U	< 1.50 U	0.961 J	432	1,400
MW037	9/11/2018	REG	0.0502	0.00126 J	< 0.0100 U	7.15	--	0.0653	0.0719	< 0.002 U	0.0108	0.00977	< 1.50 U	1.04 J	549	1,470
MW037	4/16/2019	REG	0.0546	0.00116 J	< 0.0100 U	8.05	--	0.0493	0.719 D	0.00039 J	0.134	0.00272	3.22	2.87	405	1,320
MW037	10/10/2019	REG	0.0538	0.00111 J	0.0131	7.15	--	0.0537 J	0.0926	< 0.002 U	0.0136 J	< 0.002 U	1.37 J	1.56 J	559	1,440
MW037	3/13/2020	REG	0.0754	0.000725 J	< 0.0100 U	28.6	--	0.341	0.210 J	0.00046 J	0.314 J	0.0123 J	1.40 J	3.34	115	834
MW037	3/12/2021	REG	0.0578	0.000817 J	< 0.0100 U	7.27	--	0.159	0.00115 J	< 0.00200 U	0.00509	< 0.00200 U	0.978 J	0.901 J	515	1,680
MW037	2/21/2022	REG	0.066	0.000906 J	< 0.100 U	6.23	--	0.115	0.000786 J	< 0.00200 U	0.0180	< 0.00400 U	< 4.53 U	< 4.53 U	428	1340
MW037A	2/27/2023	REG	0.0611	0.000790 J	<0.0100 U	5.38 J	--	0.169	0.00346 J	<0.00200 UJ	0.0244 J	0.00184 J	<4.76 U	0.945 J	303	1,230
MW038	5/9/2017	REG	0.0114	0.0042	0.00810 J	9.62	--	0.14	0.00943	< 0.002 U	0.00296	< 0.002 U	< 1.50 U	1.19 J	104	966
MW038	5/9/2017	FD	0.0116	0.00449	0.00710 J	9.27	--	0.114	0.00799	< 0.002 U	< 0.002 U	< 0.002 U	1.04 J	0.988 J	111	1,010
MW040A	5/9/2017	REG	0.0176	0.00285 J	< 0.0100 U	0.00278 J	--	< 0.00200 U	--	--	--	--	--	--	53.7	574
MW040A	9/21/2017	REG	0.0187	0.00164 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	203	540
MW040A	4/2/2018	REG	0.0207	0.00231 J	< 0.0100 U	< 0.100 U	--	0.000290 J	--	--	--	--	--	--	50.3	504
MW040A	9/13/2018	REG	0.0195 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.00163 J	--	--	--	--	--	--	51.6	497
MW040A	4/16/2019	REG	0.0203	0.00285 J	< 0.0100 UJ	< 0.100 U	--	0.000271 J	--	--	--	--	--	--	56.4	481
MW040A	10/10/2019	REG	0.02	0.00312 J	< 0.0100 U	< 0.100 U	--	< 0.00200 UJ	--	--	--	--	--	--	55.8	526
MW040A	3/12/2020	REG	0.0208	0.00246 J	< 0.0100 UJ	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	55.1	511
MW040A	3/10/2021	REG	0.0204	0.00245 J	< 0.0100 U	< 0.100 U	--	0.000304 J	--	--	--	--	--	--	58.4	554
MW040A	2/16/2022	REG	0.0204	0.00233 J	0.00853 J	< 0.100 U	--	0.000274 J	--	--	--	--	--	--	59.2	516
MW040A	2/23/2023	REG	0.0187	0.00198 J	<0.0100 U	< 0.100 U	--	0.000472 J	--	--	--	--	--	--	54.7	532
MW041A	5/5/2017	REG	0.0093	0.197	0.203	0.0462	--	0.00232	--	--	--	--	--	--	408	1,630
MW041A	9/21/2017	REG	0.0104	0.210 J	0.174	0.0310 J	--	0.0024	--	--	--	--	--	--	377	1,680
MW041A	3/29/2018	REG	0.00948	0.206	0.184	< 0.100 U	--	0.00242	--	--	--	--	--	--	390	1,520
MW041A	9/12/2018	REG	0.0103	0.206	0.167	< 0.100 U	--	0.00121 J	--	--	--	--	--	--	403	1,600
MW041A	4/16/2019	REG	0.0104	0.201	0.175	< 0.100 U	--	0.00107 J	--	--	--	--	--	--	461	1,530
MW041A	10/9/2019	REG	0.0104	0.193	0.178	< 0.100 U	--	0.000914 J	--	--	--	--	--	--	488	1,620
MW041A	3/12/2020	FD	0.0107	0.2	0.194	< 0.100 U	--	0.000420 J	--	--	--	--	--	--	397	1570
MW041A	3/12/2020	REG	0.0105	0.192	0.194	< 0.100 U	--	0.000373 J	--	--	--	--	--	--	393	1580
MW041A	3/9/2021	REG	0.0109	0.213	0.199	< 0.100 U	--	0.000387 J	--	--	--	--	--	--	382	1,740
MW041A	2/17/2022	REG	0.0108	0.197	0.177	< 0.100 U	--	0.00175 J	--	--	--	--	--	--	436	1660
MW041A	2/23/2023	REG	0.00981	0.183	0.186	<0.100 U	--	0.000586 J	--	--	--	--	--	--	394	1,620
MW042A	5/9/2017	REG	0.00693 J	0.391	0.381	0.0624 J	--	0.0279	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	2,470	5,270

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW043	5/9/2017	REG	0.00198 J	0.00207 J	< 0.0100 U	1.31	--	0.549	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	0.987 J	< 1.50 U	712	556
MW043	9/26/2017	FD	0.00366	0.00214 J	< 0.0100 U	1.28 J	--	0.653	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	679 J	1,780
MW043	9/26/2017	REG	0.00427	0.00202 J	< 0.0100 U	0.739 J	--	0.626	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	530 J	1,650
MW043	4/3/2018	REG	0.00535	0.00110 J	< 0.0100 U	0.345	--	0.608 J	< 0.002 U	< 0.002 U	< 0.002 U	0.00087 J	< 1.50 U	< 1.50 U	724	1,960
MW043	9/11/2018	REG	0.00508	0.000688 J	< 0.0100 U	0.152	--	0.545	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	0.00347 J	< 1.50 U	< 1.50 U	610	1,620
MW043	9/11/2018	FD	0.00524	0.000605 J	< 0.0100 U	0.156	--	0.553	< 0.002 U	< 0.002 U	< 0.002 U	0.00319	< 1.50 U	< 1.50 U	641	1,670
MW043	4/15/2019	REG	0.00504	0.000894 J	< 0.0100 U	0.593	--	0.573	< 0.002 U	< 0.002 U	< 0.002 U	0.00234	< 1.50 U	< 1.50 U	843	1,840
MW043	10/10/2019	REG	0.00503	0.000528 J	< 0.0100 U	0.257	--	0.499 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	1.12 J	< 2.16 U	862	2,000
MW043	3/13/2020	REG	0.00402	0.000554 J	< 0.0100 U	0.62	--	0.602	0.00062 J	< 0.002 U	0.00122 J	0.00366	< 2.30 U	< 2.30 U	627	2210
MW043	9/28/2020	REG	0.00492	0.000769 J	< 0.0100 U	0.502	--	0.642	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	1.29 J	< 2.19 U	1050	2330
MW043	3/12/2021	REG	0.00424	< 0.00400 U	< 0.0100 U	0.494	--	0.649	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 2.26 U	< 2.26 U	926	1,920
MW043	10/14/2021	REG	0.0049	0.000639 J	< 0.0100 U	0.0824 J	--	0.5	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00400 U	< 4.59 U	0.922 J	740	1,850
MW043	2/21/2022	REG	0.00500	< 0.00400 U	< 0.100 U	0.342	--	0.548	R	R	R	R	< 4.52 U	< 4.52 U	746	2140
MW043	10/12/2022	REG	0.00648	0.000832 J	< 0.0100 U	0.532	--	0.577	< 0.00200 U	0.000719 J	< 0.00200 U	0.00282 J	< 4.56 U	< 4.56 U	569	1730
MW043	10/12/2022	FD	0.00678	0.000648 J	< 0.0100 U	0.438	--	0.56	< 0.00200 U	0.000622 J	< 0.00200 U	0.00236 J	< 4.56 U	< 4.56 U	580	1690
MW043	2/27/2023	REG	0.00533	0.000665 J	<0.0100 U	0.136	--	0.353	<0.00200 UJ	<0.00200 UJ	0.000688 J	0.00241 J	<4.48 U	<4.48U	454	1,610
MW043	2/27/2023	FD	0.00576	0.000564 J	<0.0100 UJ	0.191 J	--	0.421	<0.00200 UJ	<0.00200 UJ	<0.00200 UJ	0.00270 J	<4.55 U	<4.55 U	522	1,800
MW043	10/3/2023	REG	0.00632	0.00101 J	<0.0100 U	<0.100 U	--	0.464	<0.00100 U	<0.00100 U	<0.00100 U	<0.00100 U	<5.12 U	<5.12 U	417	1,640
MW043	10/3/2023	FD	0.00525	0.000792 J	<0.0100 U	<0.100 U	--	0.403	<0.00100 U	<0.00100 U	<0.00100 U	<0.00100 U	<4.70 U	<4.70 U	433	1,700
MW044	5/9/2017	REG	0.00578 J	0.0554	< 0.0100 U	0.178	--	0.212	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	492 J	2,620
MW044	4/4/2018	REG	0.00843	0.00235 J	< 0.0100 U	0.471	--	0.077	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	346	1,430
MW045	5/9/2017	REG	< 0.0100 U	0.0197 J	< 0.0100 U	0.0201 J	--	0.0579	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	79.8	1,450
MW045	9/26/2017	REG	0.00229	0.0195	< 0.0100 U	< 0.100 U	--	0.0614	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	0.997 J	76.7	1,430
MW045	4/5/2018	REG	0.00173 J	0.0126	< 0.0100 U	< 0.100 U	--	0.0634	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	69.3	1,120
MW045	4/5/2018	REG	0.00196 J	0.0139	< 0.0100 U	< 0.100 U	--	0.0618	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	70.2	1,370
MW045	4/5/2018	REG	0.00177 J	0.0142	< 0.0100 U	< 0.100 U	--	0.0604	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	69	1,370
MW045	9/11/2018	REG	0.00213 J	0.0131	< 0.0100 U	< 0.100 U	--	0.071	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	72.1	1,350
MW045	4/17/2019	REG	0.00232 J	0.012	< 0.0100 U	0.0767 J	--	0.0782	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	76	1,460
MW045	4/17/2019	FD	0.00221 J	0.0111	< 0.0100 U	0.0544 J	--	0.0736	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	77.3	1,400
MW045	10/10/2019	REG	0.00203 J	0.0103	< 0.0100 U	< 0.100 U	--	0.0751 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.20 U	< 2.20 U	79.7	1,330
MW045	3/13/2020	REG	0.00216 J	0.013	< 0.0100 U	0.0289 J	--	0.104	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 2.26 U	< 2.26 U	66.9	1310
MW045	3/12/2021	REG	0.00205 J	0.0119	< 0.0100 U	< 0.100 U	--	0.112	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 2.21 U	< 2.21 U	68.9	1,270
MW045	2/21/2022	REG	0.00231 J	0.0111	< 0.100 U	0.237	--	0.157	0.00173 J	< 0.00200 U	< 0.00200 U	< 0.00400 U	< 4.50 U	< 4.50 U	26.0	1130
MW045	2/27/2023	REG	0.0023 J	0.0161	<0.0100 U	<0.100 U	--	0.0933	<0.00200 UJ	<0.00200 UJ	<0.00200 UJ	<0.00400 UJ	<4.87 U	<4.87 U	63.1	1,310
MW046	5/9/2017	REG	0.0438	0.00500 J	< 0.0100 U	3.5	--	0.776	0.063	< 0.002 U	0.12	0.0177	2.09	1.38 J	175	1,200
MW046A	5/9/2017	REG	0.0103	1.69	1.78	0.105	--	0.0253	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	704	3,100
MW046A	9/26/2017	REG	0.0113	1.84	1.63	0.0416 J	--	0.00285	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	639	3,040
MW046A	4/4/2018	REG	0.01	1.74	1.57	< 0.100 U	--	0.0028	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	704	2,370
MW046A	9/11/2018	REG	0.0106	1.77	1.67	< 0.100 U	--	0.00129 J	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	704	2,980
MW046A	4/17/2019	REG	0.0103	1.49	1.73	< 1.00 U	--	0.00333	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 1.50 U	< 1.50 U	745	3,260
MW046A	10/10/2019	REG	0.0103	2.08	2.19	0.108	--	0.00398 J	< 0.002 U	< 0.002 U	< 0.002 UJ	< 0.002 U	< 2.16 U	< 2.16 U	719	3,080
MW046A	3/13/2020	REG	0.0102	1.91	1.59	0.0360 J	--	0.00311	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	< 2.29 U	< 2.29 U	714	3280
MW046A	9/28/2020	REG	0.0108	1.95	1.77	< 0.100 U	--	0.000754 J	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	< 0.002 UJ	0.876 J	< 2.20 U	760	3370
MW046A	3/12/2021	REG	0.00988	1.96	2.05	< 0.100 U	--	0.000224 J	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 2.20 U	< 2.20 U	741	912
MW046A	10/14/2021	REG	0.00875	1.51	2.23	< 0.100 U	--	0.00403	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00400 U	< 4.69 U	< 4.69 U	642	3,310
MW046A	2/21/2022	REG	0.00974	1.75	1.62	< 0.100 U	--	0.00409	< 0.00200 U	< 0.00200 U	< 0.00200 U	< 0.00400 U	< 4.46 U	< 4.46 U	998	3380
MW046A	10/12/2022	REG	0.0100	1.67	0.296	0.0985 J	--	0.00622	< 0.00200 U	0.000432 J	< 0.00200 U	< 0.00400 U	< 4.57 U	< 4.57 U	621	2740
MW046A	2/27/2023	REG	0.0102	2.16	1.94	<0.100 U	--	0.000725 J	<0.00200 U	<0.00200 U	<0.00200 U	<0.00400 U	<4.42 U	<4.42 U	705	3,350
MW046A	10/3/2023	REG	0.00244 J	0.0122	<0.0100 U	<0.100 U	--	0.0806	<0.00100 U	<0.00100 U	<0.00100 U	<0.00100 U	<5.40 U	<5.40 U	63.1	1,260
MW047	5/10/2017	REG	0.00901	0.107	0.136	0.00410 J	--	< 0.00200 U	--	--	--	--	--	--	498	2,440
MW047	9/22/2017	REG	0.0105	0.129	0.139	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	446	2,550
MW047	4/4/2018	REG	0.0107	0.0896	0.0746	< 0.100 U	--	0.000787 J	--	--	--	--	--	--	388	2,050
MW047	9/14/2018	REG	0.012	0.06	0.0507	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	276	1,950
MW047	4/17/2019	REG	0.0116	0.0809	0.0709	0.0228 J	--	0.000519 J	--	--	--	--	--	--	272	968
MW047	10/11/2019	REG	0.00113 J	0.00379 J	< 0.0100 U	0.0560 J	--	1.13	--	--	--	--	--	--	486	2,650

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW047	3/12/2020	REG	0.0101	0.0693	0.0751	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	274	1800
MW047	9/28/2020	FD	0.00946	0.0624	0.0644	< 0.100 U	--	0.000465 J	--	--	--	--	--	--	284	1890
MW047	9/28/2020	REG	0.0118	0.0736	0.0724	0.0256 J	--	0.000425 J	--	--	--	--	--	--	294	1950
MW047	3/11/2021	FD	0.00944	0.0732	0.0769	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	260	1,050
MW047	3/11/2021	REG	0.0100	0.08	0.0781	< 0.100 U	--	0.000253 J	--	--	--	--	--	--	266	1,030
MW047	10/15/2021	FD	0.0108 J	0.0891	0.0967	< 1.00 U	--	0.00331	--	--	--	--	--	--	248	1,760
MW047	10/15/2021	REG	0.00926	0.0815	0.105	< 0.100 U	--	< 0.00200 UB	--	--	--	--	--	--	241	1,730
MW047	2/21/2022	REG	0.011	0.0969	0.0905	< 0.100 U	--	0.000489 J	--	--	--	--	--	--	604 J	1980
MW047	2/21/2022	FD	0.00982	0.0989	0.0915	< 0.100 U	--	0.000372 J	--	--	--	--	--	--	1880 J	1880
MW047	10/12/2022	REG	0.0114	0.0545	0.0424	0.0284 J	--	0.000863 J	--	--	--	--	--	--	162	1590
MW047	10/12/2022	FD	0.0119	0.0505	0.0434	0.0583 J	--	0.00454	--	--	--	--	--	--	177	1640
MW047	2/27/2023	REG	0.0118	0.0414	0.0329	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	157	1,740
MW047	2/27/2023	FD	0.0119	0.0423	0.0349 J	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	155	1,560
MW047	10/4/2023	REG	0.0104	0.0667	0.0578	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	146	1,690
MW047	10/4/2023	FD	0.0106	0.069	0.0583	<0.100 U	--	0.00112 J	--	--	--	--	--	--	142	1,590
MW048SA	5/5/2017	REG	0.00985	0.576	0.55	0.0411	--	< 0.00200 U	--	--	--	--	--	--	647	2,220
MW048SA	5/5/2017	FD	0.00976	0.54	0.55	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	674	2,360
MW048SA	9/20/2017	REG	0.0111	0.559	0.542	< 0.100 U	--	0.000794 J	--	--	--	--	--	--	667	2,370
MW048SA	3/23/2018	REG	0.0117	0.457	0.453	< 0.100 U	--	0.000252 J	--	--	--	--	--	--	643	2,110
MW048SA	9/12/2018	REG	0.0119	0.453	0.404	0.136	--	0.000896 J	--	--	--	--	--	--	583	1,960
MW048SA	4/16/2019	REG	0.0121	0.396	0.363	0.0259 J	--	0.00124 J	--	--	--	--	--	--	607	1,860
MW048SA	10/9/2019	REG	0.0115	0.369	0.36	0.0356 J	--	0.00168 J	--	--	--	--	--	--	631	2,900
MW048SA	3/12/2020	FD	0.0117	0.357	0.378	0.151	--	0.00374	--	--	--	--	--	--	453	1860
MW048SA	3/12/2020	REG	0.0119	0.363	0.382	0.128	--	0.00364	--	--	--	--	--	--	488	1870
MW048SA	3/9/2021	REG	0.0114	0.406	0.398	0.0724 J	--	0.00187 J	--	--	--	--	--	--	568	1,900
MW048SA	3/9/2021	FD	0.0118	0.428	0.393	0.0773 J	--	0.00267	--	--	--	--	--	--	577	1,980
MW048SA	2/17/2022	REG	0.0122	0.254	0.229	0.0251 J	--	0.000842 J	--	--	--	--	--	--	1390	3130
MW048SA	2/22/2023	REG	0.0104	0.456	0.453	<0.100 U	--	0.000232 J	--	--	--	--	--	--	684	2,700
MW048SA	2/22/2023	FD	0.0110	0.451	0.460 J	<0.100 U	--	0.000526 J	--	--	--	--	--	--	692	2,680
MW049SA	5/5/2017	REG	0.00926	0.185	0.193	0.0205	--	< 0.00200 U	--	--	--	--	--	--	1,560	3,700
MW049SA	9/20/2017	REG	0.0107	0.196	0.19	< 0.100 U	--	0.000498 J	--	--	--	--	--	--	1,640	3,880
MW049SA	3/23/2018	REG	0.0112	0.186	0.193	< 0.100 U	--	0.000274 J	--	--	--	--	--	--	1,530	3,880
MW049SA	9/12/2018	REG	0.0116	0.188	0.171	< 0.100 U	--	0.000414 J	--	--	--	--	--	--	1,300	2,960
MW049SA	4/16/2019	REG	0.0125 J	0.2	0.176	< 0.500 U	--	< 0.0100 U	--	--	--	--	--	--	1,320	2,530
MW049SA	10/9/2019	REG	0.013	0.246	0.187	0.123	--	0.00393	--	--	--	--	--	--	1,210	2,800
MW049SA	3/12/2020	REG	0.012	0.197	0.200 J	0.0438 J	--	0.00116 J	--	--	--	--	--	--	847	2640
MW049SA	9/25/2020	REG	0.0108	0.195	0.224	0.26	--	0.00397	--	--	--	--	--	--	1240	3030
MW049SA	3/9/2021	REG	0.0115	0.22	0.21	0.0274 J	--	0.00301	--	--	--	--	--	--	1110	3,160
MW049SA	10/13/2021	REG	0.0096	0.184 J	0.238	< 0.100 UJ	--	0.00231 J	--	--	--	--	--	--	1,190	2,480
MW049SA	2/17/2022	REG	0.0111	0.450	0.436	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	690	2120
MW049SA	2/17/2022	FD	0.0115	0.478	0.438	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	705	2260
MW049SA	10/12/2022	REG	0.0127	0.280	0.234	0.541	--	0.00797	--	--	--	--	--	--	1230	3250
MW049SA	2/22/2023	REG	0.0104	0.235	0.227	<0.100 U	--	0.000298 J	--	--	--	--	--	--	1,200	3,640
MW049SA	10/6/2023	REG	0.0114	0.263	0.260	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	1,060	2,940
MW050SA	5/10/2017	REG	0.0081	0.309	0.276	0.00504 J	--	0.0209	--	--	--	--	--	--	1,260	3,560
MW050SA	9/21/2017	REG	0.00926	0.409 J	0.346	< 0.100 U	--	0.0166	--	--	--	--	--	--	533	3,960
MW050SA	4/3/2018	REG	0.0086	0.287	0.196	< 0.100 U	--	0.0173	--	--	--	--	--	--	1,470	3,480
MW050SA	4/3/2018	FD	0.00887	0.272	0.184	< 0.100 U	--	0.0164	--	--	--	--	--	--	1,440	3,500
MW050SA	9/12/2018	REG	0.00822	0.442	0.405	< 0.100 U	--	0.0204	--	--	--	--	--	--	1,510	3,580
MW050SA	4/15/2019	REG	0.00854	0.329	0.29	< 0.100 U	--	0.0191	--	--	--	--	--	--	1,420	3,500
MW050SA	10/9/2019	REG	0.00869	0.394	0.355	< 0.100 U	--	0.0158	--	--	--	--	--	--	1,450	3,800
MW050SA	3/11/2020	REG	0.00917	0.416	0.352	< 0.100 U	--	0.0148	--	--	--	--	--	--	1400	3590
MW050SA	9/24/2020	REG	0.00835	0.351	0.362	< 0.100 U	--	0.013	--	--	--	--	--	--	1150	3730
MW050SA	3/10/2021	REG	0.00906	0.307	0.309	< 0.100 U	--	0.00729	--	--	--	--	--	--	1180	3,370
MW050SA	10/13/2021	REG	0.00769	0.182 J	0.321	< 0.100 UJ	--	0.00345 J	--	--	--	--	--	--	991	3,670

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW050SA	2/16/2022	REG	0.00989	0.430	0.221	< 0.100 U	--	0.0123	--	--	--	--	--	--	1290	3580
MW050SA	10/12/2022	REG	0.00719	0.291	0.340	< 0.100 U	--	0.0143	--	--	--	--	--	--	1120	3260
MW050SA	2/22/2023	REG	0.00935	0.347	0.342	<0.100 U	--	0.00815	--	--	--	--	--	--	1,090	3,250
MW050SA	10/5/2023	REG	0.0102	0.270	0.249	<0.100 U	--	0.00185 J	--	--	--	--	--	--	873	3,410
MW051SA	5/10/2017	REG	0.0114	0.818	0.819	0.00232 J	--	0.000337 J	--	--	--	--	--	--	1,210	3,390
MW051SA	9/20/2017	REG	0.0119	0.793	0.764	< 0.100 U	--	0.000608 J	--	--	--	--	--	--	1,120	3,620
MW051SA	4/3/2018	REG	0.012	0.788	0.691	< 0.100 U	--	0.000993 J	--	--	--	--	--	--	1,360	3,320
MW051SA	9/12/2018	REG	0.0116	0.799	0.668	< 0.100 U	--	0.00236	--	--	--	--	--	--	1,120	3,300
MW051SA	4/15/2019	REG	0.0126	0.779	0.733	< 0.100 U	--	0.00822	--	--	--	--	--	--	1,220	3,160
MW051SA	10/10/2019	REG	0.0119	0.699	0.658	0.0345 J	--	0.00252 J	--	--	--	--	--	--	1,050	3,330
MW051SA	3/11/2020	FD	0.0114	0.665	0.637	0.0245 J	--	0.00248	--	--	--	--	--	--	990	3250
MW051SA	3/11/2020	REG	0.0124	0.718	0.699	0.0794 J	--	0.00293	--	--	--	--	--	--	1030	3380
MW051SA	3/10/2021	REG	0.0100	0.705	0.738	< 0.100 U	--	0.00359	--	--	--	--	--	--	1050	3540 J
MW051SA	3/10/2021	FD	0.0111	0.761	0.725	< 0.100 U	--	0.00381	--	--	--	--	--	--	1050	853 J
MW051SA	2/17/2022	REG	0.0116	0.749	0.821	0.500	--	0.00634 J	--	--	--	--	--	--	1060	3420
MW051SA	2/17/2022	FD	0.0110	0.776	0.811	0.0530 J	--	0.00613	--	--	--	--	--	--	1050	3460
MW051SA	2/22/2023	REG	0.0104	0.701	0.747	<0.100 U	--	0.00569	--	--	--	--	--	--	968	3,360
MW051SA	2/22/2023	FD	0.0103	0.692	0.730 J	<0.100 U	--	0.00657	--	--	--	--	--	--	971	3,630
MW052SA	5/10/2017	REG	0.0116	0.207	0.222	0.00339 J	--	0.000376 J	--	--	--	--	--	--	1,450	3,150
MW052SA	9/20/2017	REG	0.0137	0.239	0.215	0.246	--	0.00892	--	--	--	--	--	--	1,630	3,720
MW052SA	3/23/2018	REG	0.0135	0.222	0.225	< 0.100 U	--	0.000710 J	--	--	--	--	--	--	1,360	3,020
MW052SA	9/12/2018	REG	0.0131	0.242	0.222	< 0.100 U	--	0.000660 J	--	--	--	--	--	--	1,400	3,020
MW052SA	4/16/2019	REG	0.0138	0.246	0.224	0.11	--	0.00376	--	--	--	--	--	--	1,590	3,060
MW052SA	10/9/2019	REG	0.0119	0.201	0.239	< 0.100 U	--	0.000382 J	--	--	--	--	--	--	1,470	3,040
MW052SA	3/11/2020	REG	0.0133	0.255	0.259	0.173	--	0.00704	--	--	--	--	--	--	1400	2830
MW052SA	3/10/2021	REG	0.0139	0.246	0.244	0.183	--	0.00686	--	--	--	--	--	--	1410	3,170
MW052SA	2/17/2022	REG	0.0136	0.242	0.232	< 0.100 U	--	0.000451 J	--	--	--	--	--	--	1470	3220
MW052SA	2/22/2023	REG	0.0135	0.239	0.244	<0.100 U	--	0.000503 J	--	--	--	--	--	--	1,280	4,500
MW053SA	2/21/2022	REG	0.0131	0.00927	0.00903 J	< 0.100 U	--	0.00121 J	--	--	--	--	--	--	1570	1980
MW053SA	10/12/2022	REG	0.0124	0.00710	< 0.0100 U	0.0570 J	--	0.00273	--	--	--	--	--	--	605	2060
MW053SA	10/12/2022	FD	0.0124	0.00719	< 0.0100 U H	0.115	--	0.00458	--	--	--	--	--	--	604	2020
MW053SA	2/27/2023	REG	0.0122	0.00438	<0.0100 U	<0.100 U	--	0.000549 J	--	--	--	--	--	--	667	1,940
MW053SA	10/6/2023	REG	0.0107	0.00214 J	<0.0100 U	<0.100 U	--	0.00194 J	--	--	--	--	--	--	610	2,140
MW053SA	10/6/2023	FD	0.0116	0.00233 J	<0.0100 U	<0.100 U	--	0.0021	--	--	--	--	--	--	639	1,970
MW054SA	5/10/2017	REG	0.00952	0.122	0.126	0.0113 J	--	0.000350 J	--	--	--	--	--	--	826	1,990
MW054SA	9/20/2017	REG	0.0108	0.132	0.117	< 0.100 U	--	0.000414 J	--	--	--	--	--	--	866	2,190
MW054SA	9/20/2017	FD	0.0103	0.128	0.119	< 0.100 U	--	0.000392 J	--	--	--	--	--	--	863	2,380
MW054SA	3/23/2018	REG	0.011	0.125	0.12	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	777	2,200
MW054SA	9/12/2018	REG	0.0107	0.131	0.115	0.103	--	0.00315	--	--	--	--	--	--	800	1,970
MW054SA	9/12/2018	FD	0.0108	0.129	0.118	0.0672 J	--	0.00235	--	--	--	--	--	--	801	1,970
MW054SA	4/16/2019	REG	0.0109	0.122	0.117	0.227	--	0.0073	--	--	--	--	--	--	951	1,910
MW054SA	10/9/2019	REG	0.0105	0.117	0.114	< 0.100 U	--	0.000327 J	--	--	--	--	--	--	913	1,940
MW054SA	3/11/2020	REG	0.0105	0.123	0.12	< 0.100 U	--	0.00114 J	--	--	--	--	--	--	817	2040
MW054SA	9/25/2020	REG	0.0104	0.115	0.121	0.0829	--	0.00429	--	--	--	--	--	--	801	2030
MW054SA	3/10/2021	REG	0.0105	0.119	0.111	< 0.100 U	--	0.000658 J	--	--	--	--	--	--	862	2,180
MW054SA	10/13/2021	REG	0.00895	0.0962 J	0.119	0.0353 J	--	0.00278 J	--	--	--	--	--	--	806	2,140
MW054SA	2/17/2022	REG	0.0109	0.121	0.115	< 0.100 U	--	0.000793 J	--	--	--	--	--	--	885	2170
MW054SA	10/12/2022	REG	0.0113	0.119	0.103	0.172	--	0.00468	--	--	--	--	--	--	777	2370
MW054SA	2/22/2023	REG	0.0105	0.110	0.0909	<0.100 U	--	0.00208	--	--	--	--	--	--	788	2,490
MW054SA	10/6/2023	REG	0.0101	0.111	0.109	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	714	2,240
MW055SA	5/9/2017	REG	0.00647	0.159	0.169	0.00386 J	--	0.000225 J	--	--	--	--	--	--	613	1,800
MW055SA	9/20/2017	REG	0.00754	0.181	0.165	< 0.100 U	--	0.000399 J	--	--	--	--	--	--	650	1,920
MW055SA	3/22/2018	REG	0.00734	0.179	0.154	< 0.100 U	0.0224	0.000368	--	--	--	--	--	--	620	1,650
MW055SA	9/12/2018	REG	0.00784	0.171	0.166	< 0.100 U	--	0.000439 J	--	--	--	--	--	--	622	1,660
MW055SA	4/12/2019	REG	0.00749	0.177	0.157	< 0.100 U	--	0.000651 J	--	--	--	--	--	--	653	1,700
MW055SA	10/8/2019	REG	0.00745	0.178	0.169	< 0.100 U	--	0.000250 J	--	--	--	--	--	--	574	1,810

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW055SA	3/11/2020	REG	0.00761	0.18	0.177	< 0.100 U	--	0.000539 J	--	--	--	--	--	--	655	1890
MW055SA	3/9/2021	REG	0.00734	0.174	0.167	< 0.100 U	--	0.000707 J	--	--	--	--	--	--	547	1,820
MW055SA	2/16/2022	REG	0.00754	0.181	0.175	< 0.100 U	--	0.000452 J	--	--	--	--	--	--	704	1890
MW055SA	2/22/2023	REG	0.00687	0.153	0.165	<0.100 U	--	0.000422 J	--	--	--	--	--	--	626	2,010
MW056SA	5/9/2017	REG	0.0146	0.378	0.348	0.122 J	--	0.000680 J	--	--	--	--	--	--	1,180	3,800
MW056SA	9/20/2017	REG	0.0149	0.413	0.369	< 0.100 U	--	0.000501 J	--	--	--	--	--	--	1,240	3,970
MW056SA	4/3/2018	REG	0.0136	0.416	0.401	< 0.100 U	--	0.000495 J	--	--	--	--	--	--	1,260	3,560
MW056SA	9/12/2018	REG	0.0155	0.417	0.401	0.0257 J	--	0.000575 J	--	--	--	--	--	--	1,130	3,380
MW056SA	4/17/2019	REG	0.0137	0.382	< 0.0100 U	< 0.200 U	--	0.000420 J	--	--	--	--	--	--	1,120	3,650
MW056SA	10/9/2019	REG	0.0137	0.33	0.312	0.0830 J	--	0.00116 J	--	--	--	--	--	--	1,190	3,220
MW056SA	3/11/2020	REG	0.0144	0.319	0.321	0.163	--	0.00202	--	--	--	--	--	--	1100	3280
MW056SA	9/24/2020	REG	0.0135	0.292	0.33	0.0778	--	0.000924	--	--	--	--	--	--	578	3440
MW056SA	3/9/2021	REG	0.0141	0.339	0.335	0.036 J	--	0.0005 J	--	--	--	--	--	--	706	3,490
MW056SA	10/13/2021	REG	0.0128	0.224 J	0.287	< 0.100 UJ	--	0.00131 J	--	--	--	--	--	--	974	4,560
MW056SA	2/16/2022	REG	0.0143	0.308	0.286	0.0556 J	--	0.00107 J	--	--	--	--	--	--	1050	3460
MW056SA	10/11/2022	REG	0.0135	0.325	0.284	< 0.100 U	--	0.0134	--	--	--	--	--	--	846	3490
MW056SA	2/22/2023	REG	0.0129	0.32	0.340	<0.100 U	--	0.000274 J	--	--	--	--	--	--	894	3,510
MW056SA	10/5/2023	REG	0.0132	0.333	0.301	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	682	2,820
MW057SA	5/9/2017	REG	0.012	0.0247	0.0241	0.0176 J	--	0.000496 J	--	--	--	--	--	--	272	1,210
MW057SA	9/20/2017	REG	0.0121	0.0349	0.0266	0.0947 J	--	0.00413	--	--	--	--	--	--	324	1,480
MW057SA	3/22/2018	REG	0.0125	0.0268	0.0163	< 0.100 U	0.0649	< 0.002	--	--	--	--	--	--	302	1,470
MW057SA	9/12/2018	REG	0.0127	0.0387	0.0276	< 0.100 U	--	0.000203 J	--	--	--	--	--	--	346	1,450
MW057SA	4/15/2019	REG	0.0124	0.0385	0.0343	0.0850 J	--	0.0034	--	--	--	--	--	--	357	1,500
MW057SA	10/9/2019	REG	0.0118	0.0408	0.0398	0.0797 J	--	0.0029	--	--	--	--	--	--	387	1,500
MW057SA	3/11/2020	REG	0.0128	0.034	0.0342	< 0.100 U	--	0.000621 J	--	--	--	--	--	--	303	1460
MW057SA	9/24/2020	REG	0.0138	0.0106	0.00780 J	0.0274	--	0.00106	--	--	--	--	--	--	611	1870
MW057SA	3/9/2021	REG	0.0127	0.0165	0.0188	0.092 J	--	0.00296	--	--	--	--	--	--	233	1,450
MW057SA	10/13/2021	REG	0.0112	0.00865 J	0.0114	< 0.100 UJ	--	0.00230 J	--	--	--	--	--	--	221	1,510
MW057SA	2/16/2022	REG	0.0129	0.0145	0.0115	< 0.100 U	--	0.000901 J	--	--	--	--	--	--	271	1440
MW057SA	10/11/2022	REG	0.0138	0.00945	< 0.0100 U	< 0.100 U	--	0.000314 J	--	--	--	--	--	--	229	1380
MW057SA	2/22/2023	REG	0.0125	0.00714	<0.0100 U	<0.100 U	--	0.000322 J	--	--	--	--	--	--	2,620	1,550
MW057SA	10/5/2023	REG	0.0129	0.0130	0.00854 J	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	299	1,570
MW058	5/11/2017	REG	0.0121	2.72	2.48	0.516 J	--	0.00896	--	--	--	--	--	--	995 J	3,530 J
MW058	5/11/2017	FD	0.0119	2.85	2.47	0.343 J	--	0.00555	--	--	--	--	--	--	627 J	1,670 J
MW058	3/29/2018	REG	0.0124	2.83	2.99	0.0325	--	0.000881 J	--	--	--	--	--	--	1,230	3,980
MW058	4/12/2019	REG	0.0127	3.16	2.74	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	1,150	4,180
MW058	4/12/2019	FD	0.013	3.25	2.9	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	1,040	3,900
MW058	3/11/2020	REG	0.0131	3.59 DX	4.08	0.133	--	0.00232	--	--	--	--	--	--	1120	4060
MW058	3/12/2021	REG	0.0129	3.64	3.93	< 0.100 U	--	0.000515 J	--	--	--	--	--	--	1330	1,000
MW058	2/21/2022	REG	0.0142	3.90	3.43	0.471	--	0.00712	--	--	--	--	--	--	1170	4580
MW058	2/24/2023	REG	0.0120	3.35	3.58	<0.100 U	--	0.00036 J	--	--	--	--	--	--	1,110	4,260
MW059	5/11/2017	REG	0.0118	0.535	0.441	0.0336	--	0.000967 J	--	--	--	--	--	--	951	3,670
MW059	9/21/2017	REG	0.014	0.563 J	0.473	0.0436 J	--	0.000998 J	--	--	--	--	--	--	810	3,820
MW059	3/29/2018	REG	0.0132	0.562	0.448 J	< 0.100 U	--	0.000366 J	--	--	--	--	--	--	925	3,610
MW059	9/13/2018	REG	0.0141 J	0.556	0.469	< 0.500 U	--	0.00308 J	--	--	--	--	--	--	904	3,070
MW059	4/15/2019	REG	0.0148	0.46	0.401	< 0.100 U	--	0.00107 J	--	--	--	--	--	--	891	2,950
MW059	10/8/2019	REG	0.0136	0.568	0.523	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	640 J	3,530
MW059	10/8/2019	FD	0.0137	0.587	0.524	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	885 J	3,400
MW059	3/10/2020	FD	0.0132	0.568	0.528	0.0925 J	--	0.00208	--	--	--	--	--	--	898 J	3560
MW059	3/10/2020	REG	0.015	0.594	0.556	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	891 J	3730
MW059	3/10/2021	REG	0.0137	0.65	0.465	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	812	919
MW059	3/10/2021	FD	0.0129	0.612	0.483	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	831	842
MW059	2/21/2022	REG	0.0141	0.639	0.995 J	< 0.100 U	--	0.000865 J	--	--	--	--	--	--	881	3870
MW059	2/21/2022	FD	0.0136	0.574	0.503 J	< 0.100 U	--	0.000911 J	--	--	--	--	--	--	776	4110
MW059	2/24/2023	REG	0.0117	0.529	0.559	<0.100 U	--	0.00294	--	--	--	--	--	--	909	4,030
MW059	2/24/2023	FD	0.0121	0.539	0.554	0.0918 J	--	0.00128 J	--	--	--	--	--	--	939	4,140

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW060	9/22/2017	REG	0.00363	< 0.00400 U	< 0.0100 U	0.639	--	9.71	--	--	--	--	--	--	1,370	3,950
MW060	3/29/2018	REG	0.0056	< 0.00400 U	< 0.0100 U	1.26	--	9.7	--	--	--	--	--	--	1,750	3,600
MW060	9/13/2018	REG	0.00342 J	< 0.0200 U	< 0.0100 U	0.765	--	10.5	--	--	--	--	--	--	1,560	3,470
MW060	4/16/2019	REG	0.00265 J	0.00195 J	< 0.0100 UJ	0.796	--	12.5	--	--	--	--	--	--	1,670	3,390
MW060	10/9/2019	REG	0.00492	< 0.00400 U	< 0.0100 U	1.86	--	6.47	--	--	--	--	--	--	1,490	3,480
MW060	3/12/2020	REG	0.00170 J	< 0.00400 U	< 0.0100 U	0.299	--	12.5 D	--	--	--	--	--	--	1210	3620
MW060	3/10/2021	REG	0.00332 J	< 0.00400 U	< 0.0100 U	2.08	--	5.71	--	--	--	--	--	--	1360	3,400
MW060	2/18/2022	REG	0.00230 J	< 0.00400 U	< 0.100 U	0.398	--	6.56	--	--	--	--	--	--	1430	3540
MW060	2/24/2023	REG	0.000946 J	<0.00400 U	<0.0100 U	0.167	--	5.11	--	--	--	--	--	--	1,330	4,250
MW061	5/11/2017	REG	0.0107	1.96	2.13	0.127	--	0.0221	--	--	--	--	--	--	883	3,840
MW061	9/22/2017	REG	0.0119	2.2	1.99	< 0.100 U	--	0.0292	--	--	--	--	--	--	927	4,900
MW061	4/3/2018	REG	0.011	1.68	1.49	< 0.100 U	--	0.0702 J	--	--	--	--	--	--	1,030	3,600
MW061	4/3/2018	FD	0.0107	2.11	1.44	< 0.100 U	--	0.0394 J	--	--	--	--	--	--	1,140	3,660
MW061	9/13/2018	REG	0.0120 J	1.56	1.44	< 0.500 U	--	0.036	--	--	--	--	--	--	1,060	3,830
MW061	4/16/2019	REG	0.0114	1.38	1.51 J	0.0231 J	--	0.0246	--	--	--	--	--	--	1,180	3,980
MW061	10/9/2019	REG	0.012	1.2	1.15	< 0.100 U	--	0.0603	--	--	--	--	--	--	1,040	4,300
MW061	3/11/2020	REG	0.0132	1.06	0.967	0.0395 J	--	0.0213	--	--	--	--	--	--	879	3580
MW061	9/28/2020	FD	0.0119	1.03	1.07	< 0.100 U	--	0.0234	--	--	--	--	--	--	1030	4560
MW061	9/28/2020	REG	0.0115	1	1.05	< 0.100 U	--	0.0195	--	--	--	--	--	--	1030	4540
MW061	3/11/2021	REG	0.0115	1.06	1.07	< 0.100 U	--	0.0384	--	--	--	--	--	--	1170	1,160
MW061	3/11/2021	FD	0.0113	1.04	1.07	< 0.100 U	--	0.0294	--	--	--	--	--	--	1190	1,100
MW061	10/14/2021	FD	0.0105	0.736	1.2	0.0250 J	--	0.0235 J	--	--	--	--	--	--	980	4,940 J
MW061	10/14/2021	REG	0.0104	0.946	1.24	0.0516 J	--	0.0454 J	--	--	--	--	--	--	995	3,460 J
MW061	2/16/2022	REG	0.0108	0.824	0.850	0.0292 J	--	0.0205	--	--	--	--	--	--	1090	4530
MW061	2/16/2022	FD	0.0107	0.815	0.825	0.500	--	0.0190	--	--	--	--	--	--	1110	4550
MW061	10/11/2022	REG	0.0111	0.982	0.835	< 0.100 U	--	0.0235	--	--	--	--	--	--	945	4430
MW061	2/23/2023	REG	0.0112	0.805	0.807	<0.100 U	--	0.0305	--	--	--	--	--	--	935	4,600
MW061	10/4/2023	REG	0.0115	0.689	0.712	<0.100 U	--	0.0362	--	--	--	--	--	--	715	3,860
MW062A	5/11/2017	REG	0.0214	0.00312 J	< 0.0100 U	0.00369 J	--	0.000214 J	--	--	--	--	--	--	63	334
MW062A	5/11/2017	FD	0.0203	0.00336 J	< 0.0100 U	0.0102 J	--	0.000357 J	--	--	--	--	--	--	62.8	418
MW062A	9/21/2017	REG	0.0254	0.00193 J	< 0.0100 U	< 0.100 U	--	0.000262 J	--	--	--	--	--	--	59	482
MW062A	3/29/2018	REG	0.0242	0.00207 J	< 0.0100 U	< 0.100 U	--	0.000335 J	--	--	--	--	--	--	55.8	471
MW062A	9/12/2018	REG	0.024	0.00213 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	57.9	497
MW062A	4/12/2019	REG	0.0249	0.00200 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	62.9	474
MW062A	10/8/2019	REG	0.0242	0.00187 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	60.8	489
MW062A	3/10/2020	REG	0.0241	0.00192 J	< 0.0100 UJ	< 0.100 U	--	0.000593 J	--	--	--	--	--	--	63.9 J	486
MW062A	3/10/2021	REG	0.025	0.00194 J	< 0.0100 U	< 0.100 U	--	0.000383 J	--	--	--	--	--	--	67.1	525
MW062A	2/18/2022	REG	0.0240	0.00201 J	0.422	< 0.100 U	--	0.000302 J	--	--	--	--	--	--	68.5	498
MW062A	2/23/2023	REG	0.0219	0.00449	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	66.5	522
MW063A	5/11/2017	REG	0.021	0.00309 J	< 0.0100 U	0.00612 J	--	0.000251 J	--	--	--	--	--	--	67.8	414
MW063A	9/21/2017	REG	0.0248	0.00154 J	< 0.0100 U	< 0.100 U	--	0.000408 J	--	--	--	--	--	--	51.7	518
MW063A	3/29/2018	REG	0.0233	0.00126 J	< 0.0100 U	< 0.100 U	--	0.000891 J	--	--	--	--	--	--	49.2	444
MW063A	9/12/2018	REG	0.0233	0.00162 J	< 0.0100 U	< 0.100 U	--	0.000592 J	--	--	--	--	--	--	51.7	472
MW063A	4/12/2019	REG	0.0244	0.00160 J	< 0.0100 U	< 0.100 U	--	0.000653 J	--	--	--	--	--	--	58.5	459
MW063A	10/8/2019	REG	0.0249	0.00168 J	< 0.0100 U	< 0.100 U	--	0.000251 J	--	--	--	--	--	--	54.4	484
MW063A	3/10/2020	REG	0.0233	0.00135 J	< 0.0100 U	< 0.100 U	--	0.000637 J	--	--	--	--	--	--	56.4 J	477
MW063A	3/10/2021	REG	0.0247	0.00151 J	< 0.0100 U	< 0.100 U	--	0.000516 J	--	--	--	--	--	--	59.0	507
MW063A	2/21/2022	REG	0.0265	0.00191 J	< 0.100 U	0.0318 J	--	0.000398 J	--	--	--	--	--	--	25.6 J	454
MW063A	2/24/2023	REG	0.0221	0.00166 J	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	54.4	500
MW065SA	5/9/2017	REG	0.0101	0.0631	0.0547 J	0.0149 J	--	0.0125	--	--	--	--	--	--	1,050	3,380
MW065SA	5/9/2017	FD	0.00999	0.0606	0.572 J	0.00336 J	--	0.0121	--	--	--	--	--	--	1,060	3,050
MW065SA	4/5/2018	REG	0.00851	0.114	0.11	< 0.100 U	--	0.0131	--	--	--	--	--	--	1,050	2,910
MW065SA	4/11/2019	REG	0.0103	0.0134	0.00690 J	< 0.100 U	--	0.0107	--	--	--	--	--	--	1,050	2,590
MW065SA	3/10/2020	REG	0.0104	0.04	0.0154	0.0435 J	--	0.0265	--	--	--	--	--	--	954 J	2910
MW065SA	3/9/2021	REG	0.014	0.0860	< 0.0100 U	0.278	--	0.113	--	--	--	--	--	--	852	3,090

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW065SA	2/15/2022	REG	0.0119	0.00526	< 0.100 U	< 0.100 U	--	0.477	--	--	--	--	--	--	994	2880
MW065SA	2/22/2023	REG	0.0147	0.00504	<0.0100 U	0.112	--	0.808	--	--	--	--	--	--	1,090	3,690
MW066SA	5/9/2017	REG	0.00815	0.094	0.0932	0.0548 J	--	0.298	--	--	--	--	--	--	1,160	3,560
MW066SA	9/20/2017	REG	0.00898	0.0801	0.0635	< 0.100 U	--	0.0741	--	--	--	--	--	--	1,170	3,120
MW066SA	3/22/2018	REG	0.00898	0.0387	0.021	< 0.100 U	0.0325	0.0118	--	--	--	--	--	--	1,050	1,050
MW066SA	9/12/2018	REG	0.00987	0.0186	0.0137	0.0408 J	--	0.115	--	--	--	--	--	--	884	2,350
MW066SA	4/11/2019	REG	0.00974	0.0179	0.00650 J	0.0678 J	--	0.0699	--	--	--	--	--	--	836	2,040
MW066SA	10/8/2019	REG	0.0108	0.00565	0.00610 J	< 0.100 U	--	0.00819	--	--	--	--	--	--	510	1,860
MW066SA	3/10/2020	REG	0.0102	0.00456	< 0.0100 U	0.0239 J	--	0.0604	--	--	--	--	--	--	458 J	1540
MW066SA	3/9/2021	REG	0.00935	0.00567	< 0.0100 U	0.23	--	0.437	--	--	--	--	--	--	445	1,730
MW066SA	2/16/2022	REG	0.00829	0.0198	0.0200	< 0.100 U	--	0.0432	--	--	--	--	--	--	885	2510
MW066SA	2/22/2023	REG	0.00801	0.0424	0.0379	<0.100 U	--	0.00497	--	--	--	--	--	--	929	2,750
MW067SA	5/8/2017	REG	0.0169	< 0.00400 U	< 0.0100 U	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	165	944
MW067SA	9/20/2017	REG	0.0194	0.000881 J	< 0.0100 U	< 0.100 U	--	0.000652 J	--	--	--	--	--	--	163	1,070
MW067SA	9/20/2017	FD	0.0196	0.00117 J	< 0.0100 U	< 0.100 U	--	0.000925 J	--	--	--	--	--	--	163	1,050
MW067SA	9/24/2020	REG	0.0194	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00025	--	--	--	--	--	--	191	1060
MW067SA	3/10/2021	REG	0.0193	0.00064 J	< 0.0100 U	0.18	--	0.00337	--	--	--	--	--	--	193	991
MW067SA	10/13/2021	REG	0.0159	< 0.00400 UJ	< 0.0100 U	< 0.100 UJ	--	0.00171 J	--	--	--	--	--	--	182	928
MW067SA	2/17/2022	REG	0.0193	< 0.00400 U	< 0.100 U	0.0785 J	--	0.00167 J	--	--	--	--	--	--	200	965
MW067SA	10/12/2022	REG	0.0193	0.00128 J	< 0.0100 U	0.424	--	0.00512	--	--	--	--	--	--	180	971
MW067SA	2/22/2023	REG	0.0169	<0.00400 U	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	181	947
MW067SA	10/6/2023	REG	0.0173	<0.00400 U	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	188	982
MW068	5/11/2017	REG	0.0193	0.00262 J	< 0.0100 U	0.343	--	3.29	--	--	--	--	--	--	8,760	10,400
MW068	9/22/2017	REG	0.0163	0.000550 J	< 0.0100 U	0.298	--	2.6	--	--	--	--	--	--	10,100	18,800
MW068	4/3/2018	REG	0.0148	0.000799 J	< 0.0100 U	0.32	--	2.33 J	--	--	--	--	--	--	11,700	14,300
MW068	9/13/2018	REG	0.0180 J	< 0.0200 U	< 0.0100 U	0.345 J	--	2.37	--	--	--	--	--	--	11,700	18,000
MW068	4/15/2019	REG	0.0180 J	< 0.0200 U	< 0.0100 U	1.66	--	2.87	--	--	--	--	--	--	7,100	10,500
MW068	10/9/2019	REG	0.017	< 0.00400 U	< 0.0100 U	0.362	--	2.01	--	--	--	--	--	--	8,880	15,500
MW068	3/13/2020	REG	0.0187	< 0.00400 U	< 0.0100 U	0.227	--	2.31 D	--	--	--	--	--	--	10500	17200
MW068	9/25/2020	REG	0.0153	< 0.00400 U	< 0.0100 U	0.265	--	2.62	--	--	--	--	--	--	10600	16600
MW068	3/11/2021	REG	0.018	< 0.0200 U	< 0.0100 U	0.144 J	--	2.48	--	--	--	--	--	--	6350	934
MW068	10/15/2021	REG	0.0133 J	< 0.0400 U	< 0.0100 U	< 1.00 U	--	0.742	--	--	--	--	--	--	6,970	1,910
MW068	2/16/2022	REG	0.0161 J	< 0.0400 U	< 0.100 U	0.525 J	--	3.66	--	--	--	--	--	--	6400	10200
MW068	10/11/2022	REG	0.0161	0.00119 J	< 0.0100 U	0.149	--	2.55	--	--	--	--	--	--	7660	14400
MW068	2/23/2023	REG	0.0139	<0.00400 U	<0.0100 U	0.153	--	2.66	--	--	--	--	--	--	9,840	18,000
MW068	10/4/2023	REG	0.0202	<0.00400 U	<0.0100 U	0.0295 J	--	0.661	--	--	--	--	--	--	2,030	7,150
MW069	5/11/2017	REG	0.0157	0.00188 J	< 0.0100 U	1.35	--	0.72	--	--	--	--	--	--	981	2,450
MW069	9/21/2017	REG	0.0151	< 0.00400 U	< 0.0100 U	0.282	--	0.778	--	--	--	--	--	--	715	2,120
MW069	3/29/2018	REG	0.014	< 0.00400 U	< 0.0100 U	0.456	--	0.78	--	--	--	--	--	--	846	1,730
MW069	9/13/2018	REG	0.0149	< 0.00400 U	< 0.0100 U	0.563	--	0.774	--	--	--	--	--	--	804	1,990
MW069	4/15/2019	REG	0.0113 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.0902	--	--	--	--	--	--	9,650	14,800
MW069	10/9/2019	REG	0.00906	< 0.00400 U	< 0.0100 U	0.100 J	--	0.293	--	--	--	--	--	--	9,140	14,200
MW069	3/11/2020	REG	0.0107	0.000605 J	0.00310 J	0.193	--	0.0969	--	--	--	--	--	--	10500	15600
MW069	9/25/2020	REG	0.00698	< 0.00400 U	< 0.0100 U	0.177	--	0.201	--	--	--	--	--	--	7990	14400
MW069	3/10/2021	REG	0.00732	< 0.00400 U	< 0.0100 U	0.0299 J	--	0.17	--	--	--	--	--	--	8610	15,100
MW069	10/14/2021	REG	0.00573	< 0.00400 U	< 0.0100 U	0.170	--	0.525	--	--	--	--	--	--	2,160	13,200
MW069	2/21/2022	REG	0.00750	< 0.00400 U	< 0.100 U	< 0.100 U	--	0.487	--	--	--	--	--	--	15700	14300
MW069	10/11/2022	REG	0.00697	0.00102 J	< 0.0100 U	< 0.100 U	--	0.185	--	--	--	--	--	--	8330	17000
MW069	2/27/2023	REG	0.00684	<0.00400 U	<0.0100 U	<0.100 U	--	0.198	--	--	--	--	--	--	8,810	15,400
MW069	10/4/2023	REG	0.00535	<0.00400 U	<0.0100 U	<0.100 U	--	0.249	--	--	--	--	--	--	4,650	15,800
MW070	5/11/2017	REG	0.0131	0.00191 J	< 0.0100 U	0.00494 J	--	0.000213 J	--	--	--	--	--	--	298	672
MW070	9/21/2017	REG	0.0155	0.000718 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	287	1,040
MW070	3/29/2018	REG	0.0141	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000337 J	--	--	--	--	--	--	350	956
MW070	3/29/2018	FD	0.0133	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00149 J	--	--	--	--	--	--	350	996
MW070	9/12/2018	REG	0.0145	0.000838 J	< 0.0100 U	< 0.100 U	--	0.000481 J	--	--	--	--	--	--	387	1,120

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW070	4/12/2019	REG	0.0141	< 0.00400 U	< 0.0100 U	0.0443 J	--	0.000935 J	--	--	--	--	--	--	444	1,130
MW070	10/8/2019	REG	0.0138	< 0.00400 U	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	398	1,220
MW070	3/11/2020	REG	0.0134	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000603 J	--	--	--	--	--	--	432	1170
MW070	9/25/2020	REG	0.0125	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000275	--	--	--	--	--	--	393	1220
MW070	10/14/2021	REG	0.0103	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00281	--	--	--	--	--	--	378	1,310
MW070	2/21/2022	REG	0.0139	0.000596 J	< 0.100 U	< 0.100 U	--	0.000377 J	--	--	--	--	--	--	461	1370
MW070	10/11/2022	REG	0.0127	0.00123 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	383	1420
MW070	2/24/2023	REG	0.0111	<0.00400 U	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	427	1,440
MW070	10/4/2023	REG	0.0121	0.000798 J	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	404	1,450
MW071SA	5/9/2017	REG	0.00711	0.0076	< 0.0100 U	0.252 J	--	0.389	--	--	--	--	--	--	590	1,750
MW071SA	9/20/2017	REG	0.00923	0.00315 J	< 0.0100 U	0.155	--	0.299	--	--	--	--	--	--	495	1,380
MW071SA	3/22/2018	REG	0.00852	0.00884	< 0.0100 U	< 0.100 U	0.0624	0.142	--	--	--	--	--	--	560	1,410
MW071SA	9/12/2018	REG	0.00951	0.00142 J	< 0.0100 U	0.100 J	--	0.293	--	--	--	--	--	--	613	1,580
MW071SA	4/11/2019	REG	0.00836	0.00587	< 0.0100 U	0.0284 J	--	0.216	--	--	--	--	--	--	636	1,490
MW071SA	10/8/2019	REG	0.00874	0.000795 J	< 0.0100 U	< 0.100 U	--	0.273	--	--	--	--	--	--	587	1,580
MW071SA	10/8/2019	FD	0.00879	0.00110 J	< 0.0100 U	0.0251 J	--	0.284	--	--	--	--	--	--	707	1,580
MW071SA	3/10/2020	REG	0.00901	0.00368 J	< 0.0100 U	0.0774 J	--	0.232	--	--	--	--	--	--	618 J	1520
MW071SA	3/9/2021	REG	0.0108	0.00159 J	< 0.0100 U	0.697	--	0.297	--	--	--	--	--	--	488	1,910
MW071SA	2/15/2022	REG	0.0102	0.00286 J	< 0.100 U	< 0.100 U	--	0.144	--	--	--	--	--	--	486	1310
MW071SA	2/21/2023	REG	0.00991	0.0219	0.0219	<0.100 U	--	0.000715 J	--	--	--	--	--	--	403	1,320
MW072SA	5/9/2017	REG	0.0154	0.00268 J	< 0.0100 U	0.00480 J	--	< 0.00200 U	--	--	--	--	--	--	262	1,150
MW072SA	9/20/2017	REG	0.017	0.00101 J	< 0.0100 U	< 0.100 U	--	0.000510 J	--	--	--	--	--	--	273	1,190
MW072SA	3/22/2018	REG	0.0148	0.000617 J	< 0.0100 U	0.0909	0.0246	0.00382	--	--	--	--	--	--	231	882
MW072SA	9/12/2018	REG	0.0179	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000362 J	--	--	--	--	--	--	238	1,090
MW072SA	4/11/2019	REG	0.0186	< 0.00400 U	< 0.0100 U	0.0464 J	--	0.00182 J	--	--	--	--	--	--	218	1,050
MW072SA	10/9/2019	REG	0.0189	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00204	--	--	--	--	--	--	282	1,050
MW072SA	3/11/2020	REG	0.0211	0.00208 J	< 0.0100 U	1.09	--	0.0273	--	--	--	--	--	--	232	1090
MW072SA	3/9/2021	REG	0.0172	0.000721 J	< 0.0100 U	0.204	--	0.00652	--	--	--	--	--	--	245	1,260
MW072SA	2/16/2022	REG	0.0156	0.000553 J	< 0.100 U	0.0711 J	--	0.00234	--	--	--	--	--	--	306	1160
MW072SA	2/22/2023	REG	0.0156	<0.00400 U	<0.0100 U	<0.100 U	--	0.000329 J	--	--	--	--	--	--	271	1,160
MW073SA	5/9/2017	REG	0.0112	0.00230 J	< 0.0100 U	0.0147 J	--	0.0112	--	--	--	--	--	--	409	902
MW073SA	9/20/2017	REG	0.0128	0.000850 J	< 0.0100	< 0.100 U	--	0.00351	--	--	--	--	--	--	250	886
MW073SA	3/22/2018	REG	0.0118	< 0.00400 U	< 0.0100 U	< 0.100 U	0.0368	0.000798	--	--	--	--	--	--	189	3,270
MW073SA	9/12/2018	REG	0.0112	< 0.00400 U	< 0.0100 U	0.231	--	0.00136 J	--	--	--	--	--	--	229	965
MW073SA	4/11/2019	REG	0.0102	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00344	--	--	--	--	--	--	1,000	2,020
MW073SA	10/9/2019	REG	0.0119	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.0104	--	--	--	--	--	--	2,100	4,320
MW073SA	3/11/2020	REG	0.0112	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.00478	--	--	--	--	--	--	1660	4000
MW073SA	9/24/2020	REG	0.0118	< 0.00400 U	< 0.0100 U	0.0641	--	0.0137	--	--	--	--	--	--	1230	3960
MW073SA	3/9/2021	REG	0.0106	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000942 J	--	--	--	--	--	--	1100	3,710
MW073SA	10/13/2021	REG	0.00918	< 0.00400 UJ	< 0.0100 U	< 0.100 UJ	--	0.00138 J	--	--	--	--	--	--	542	2,220
MW073SA	2/16/2022	REG	0.0115	< 0.00400 U	< 0.100 U	< 0.100 U	--	0.00111 J	--	--	--	--	--	--	402	1410
MW073SA	10/11/2022	REG	0.0110	0.00150 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	270	1190
MW073SA	2/22/2023	REG	0.00998	0.00102 J	<0.0100 U	<0.100 U	--	0.000646 J	--	--	--	--	--	--	249	1,140
MW073SA	10/5/2023	REG	0.0107	<0.00400 U	<0.0100 U	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	267	1,120
MW074SA	5/9/2017	REG	0.0122	0.00866	0.00440 J	0.0776 J	--	0.00170 J	--	--	--	--	--	--	394	1,610
MW074SA	9/20/2017	REG	0.0131	0.00754	< 0.0100 U	< 0.100 U	--	0.000218 J	--	--	--	--	--	--	382	1,700
MW074SA	3/22/2018	REG	0.0125	0.00601	< 0.0100 U	< 0.100 U	0.0288	< 0.002	--	--	--	--	--	--	350	1,580
MW074SA	9/12/2018	REG	0.0152	0.00517	< 0.0100 U	< 0.100 U	--	0.000226 J	--	--	--	--	--	--	376	1,510
MW074SA	4/12/2019	REG	0.0151	0.00508	< 0.0100 U	0.0318 J	--	0.000585 J	--	--	--	--	--	--	384	1,520
MW074SA	10/8/2019	REG	0.0153	0.0058	0.00610 J	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	363	1,640
MW074SA	3/11/2020	REG	0.0144	0.00687	0.00740 J	0.0520 J	--	0.00102 J	--	--	--	--	--	--	446	1670
MW074SA	3/9/2021	REG	0.0137	0.0097	0.00750 J	0.225	--	0.00354	--	--	--	--	--	--	491	2,160
MW074SA	2/16/2022	REG	0.0137	0.0132	0.0120	< 0.100 U	--	0.000562 J	--	--	--	--	--	--	730	2430
MW074SA	2/22/2023	REG	0.0114	0.0116	<0.0100 U	<0.100 U	--	0.000295 J	--	--	--	--	--	--	69.1	2,580
MW075SA	5/8/2017	REG	0.0125	0.0112	0.00840 J	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	397	1,820

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Appendix F
Historical Groundwater Analytical Results
2023 Annual GWM Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW075SA	9/20/2017	REG	0.0143	0.0135	0.00650 J	< 0.100 U	--	0.000256 J	--	--	--	--	--	--	377	1,880
MW075SA	3/22/2018	REG	0.0123	0.0121	< 0.0100 U	< 0.100 U	0.0136	< 0.002	--	--	--	--	--	--	362	1,730
MW075SA	9/11/2018	REG	0.0152	0.0135	0.00660 J	< 0.100 U	--	0.000321 J	--	--	--	--	--	--	399	1,670
MW075SA	4/11/2019	REG	0.0134	0.0128	0.00940 J	< 0.100 U	--	0.000224 J	--	--	--	--	--	--	466	1,770
MW075SA	10/8/2019	REG	0.0146	0.0116	0.0113	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	422	1,830
MW075SA	10/8/2019	FD	0.0144	0.0117	0.0100 J	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	495	1,850
MW075SA	3/10/2020	REG	0.0153	0.0122	0.00350 J	< 0.100 U	--	0.000640 J	--	--	--	--	--	--	495 J	1840
MW075SA	9/24/2020	REG	0.0124	0.0256	0.023	0.066	--	0.00247	--	--	--	--	--	--	260	1480
MW075SA	3/9/2021	REG	0.0131	0.011	0.00540 J	0.0722 J	--	0.00249	--	--	--	--	--	--	489	2,020
MW075SA	10/12/2021	REG	0.00995	0.0106	0.0114	0.0240 J	--	0.000824 J	--	--	--	--	--	--	518	1,820
MW075SA	2/15/2022	REG	0.0134	0.0155	0.0155	< 0.100 U	--	< 0.00200 UB	--	--	--	--	--	--	613	2100
MW075SA	10/11/2022	REG	0.0127	0.0181	0.0111	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	556	1900
MW075SA	2/21/2023	REG	0.0116	0.0168	0.0154	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	589	2,120
MW075SA	10/5/2023	REG	0.0120	0.0181	0.0145	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	520	2,010
MW076SA	5/8/2017	REG	0.0103	0.012	0.00920 J	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	580	2,170
MW076SA	9/20/2017	REG	0.0119	0.0146	0.00760 J	< 0.100 U	--	0.000882 J	--	--	--	--	--	--	623	2,060
MW076SA	3/22/2018	REG	0.0109	0.0128	0.00300 J	0.0973	0.0222	0.00196	--	--	--	--	--	--	579	2,020
MW076SA	9/11/2018	REG	0.013	0.0137	0.00580 J	0.0231 J	--	0.000582 J	--	--	--	--	--	--	583	1,850
MW076SA	4/11/2019	REG	0.0123	0.0119	0.0143	0.225	--	0.00388	--	--	--	--	--	--	601	1,950
MW076SA	10/8/2019	REG	0.0126	0.00657	0.00740 J	0.0567 J	--	0.000831 J	--	--	--	--	--	--	398	1,890
MW076SA	3/10/2020	REG	0.0131	0.00788	< 0.0100 U	0.0417 J	--	0.00108 J	--	--	--	--	--	--	526 J	1920
MW076SA	3/9/2021	REG	0.0125	0.00864	0.00360 J	< 0.100 U	--	0.000229 J	--	--	--	--	--	--	536	2,130
MW076SA	2/15/2022	REG	0.0126	0.00628	0.00704 J	< 0.100 U	--	< 0.00200 UB	--	--	--	--	--	--	601	2210
MW076SA	2/21/2023	REG	0.0131	0.00598	<0.0100 U	<0.100 U	--	0.00024 J	--	--	--	--	--	--	545	2,230
MW079SA	5/8/2017	REG	0.00324	< 0.00400 U	< 0.0100 U	0.428	--	0.0566	--	--	--	--	--	--	303	1,130
MW079SA	9/20/2017	REG	0.00748	0.00105 J	< 0.0100 U	0.101	--	0.0251	--	--	--	--	--	--	308	1,220
MW079SA	3/23/2018	REG	0.00663	< 0.00400 U	< 0.0100 U	0.335	--	0.0531	--	--	--	--	--	--	278	635
MW079SA	9/12/2018	REG	0.00709	0.000775 J	< 0.0100 U	0.176	--	0.0406	--	--	--	--	--	--	270	1,140
MW079SA	9/12/2018	FD	0.00707	0.000783 J	< 0.0100 U	0.184	--	0.042	--	--	--	--	--	--	269	1,030
MW079SA	4/15/2019	REG	0.00583	0.00103 J	< 0.0100 U	0.581	--	0.0511	--	--	--	--	--	--	271	1,140
MW079SA	10/9/2019	REG	0.00843	< 0.00400 U	< 0.0100 U	0.0585 J	--	0.0218	--	--	--	--	--	--	271	1,100
MW079SA	3/11/2020	REG	0.00895	< 0.00400 U	< 0.0100 U	0.0544 J	--	0.0173	--	--	--	--	--	--	233	1070
MW079SA	3/10/2021	REG	0.00962	< 0.00400 U	< 0.0100 U	0.0839 J	--	0.021	--	--	--	--	--	--	281	1,270
MW079SA	2/17/2022	REG	0.0111	0.000559 J	< 0.100 U	0.0703 J	--	0.0199	--	--	--	--	--	--	345	1350
MW079SA	2/22/2023	REG	0.00902	<0.00400 U	<0.0100 U	<0.100 U	--	0.0163	--	--	--	--	--	--	355	1,440
MW083SA	5/8/2017	REG	0.0115	0.00703	< 0.0100 U	0.867	--	0.0785	--	--	--	--	--	--	1,510	3,780
MW084SA	5/8/2017	REG	0.0108	0.0328	0.0313	0.0341	--	< 0.00200 U	--	--	--	--	--	--	1,210	2,980
MW084SA	9/20/2017	REG	0.0098	0.0165	0.0112	< 0.100 U	--	0.00181 J	--	--	--	--	--	--	1,610	3,970
MW084SA	3/22/2018	REG	0.00734	0.0126	< 0.0100 U	0.324	0.0369	0.0115	--	--	--	--	--	--	1,400	3,890
MW084SA	9/11/2018	REG	0.00938	0.0168	0.00860 J	< 0.100 U	--	0.0029	--	--	--	--	--	--	1,370	3,060
MW084SA	4/11/2019	REG	0.00962	0.0205	0.0167	0.415	--	0.0177	--	--	--	--	--	--	1,220	5,910
MW084SA	10/8/2019	REG	0.00979	0.0208	0.0204	< 0.100 U	--	0.00474	--	--	--	--	--	--	791	2,860
MW084SA	3/10/2020	REG	0.0107	0.0248	0.0171	0.109	--	0.00461	--	--	--	--	--	--	1140 J	3100
MW084SA	9/24/2020	REG	0.01	0.024	0.0234	< 0.100 U	--	0.00271	--	--	--	--	--	--	945	2890
MW084SA	3/9/2021	REG	0.0103	0.0239	0.0199	0.165	--	0.00465	--	--	--	--	--	--	1020	3,130
MW084SA	10/12/2021	REG	0.0081	0.0164	0.0195	< 0.100 U	--	0.000584 J	--	--	--	--	--	--	1,010	2,520
MW084SA	2/15/2022	REG	0.0115	0.0210	0.0205	0.0326 J	--	< 0.00200 UB	--	--	--	--	--	--	1100	2970
MW084SA	10/11/2022	REG	0.0102	0.0177	0.00917 J	< 0.100 U	--	0.000926 J	--	--	--	--	--	--	1010	3120
MW084SA	2/21/2023	REG	0.00935	0.0130	0.0114	<0.100 U	--	0.000263 J	--	--	--	--	--	--	1,070	3,040
MW084SA	10/5/2023	REG	0.0114	0.0133	0.00804 J	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	927	3,860
MW085SA	5/8/2017	REG	0.0111	0.0254	0.0244	< 0.0200 U	--	0.00864	--	--	--	--	--	--	1,430	3,850
MW085SA	9/20/2017	REG	0.0124	0.0293	0.0182	< 0.100 U	--	0.0241	--	--	--	--	--	--	1,410	4,160
MW085SA	3/22/2018	REG	0.0142	0.0336	0.0126	0.0345	0.0449	0.0332	--	--	--	--	--	--	1,470	4,090
MW085SA	9/11/2018	REG	0.014	0.0258	0.00280 J	0.177	--	0.115	--	--	--	--	--	--	1,650	3,270
MW085SA	4/11/2019	REG	0.0141	0.0559	0.0236	0.319	--	0.0265	--	--	--	--	--	--	1,580	3,660

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW085SA	10/8/2019	REG	0.0128	0.0497	0.0318	0.102	--	0.0167	--	--	--	--	--	--	1,210	3,890
MW085SA	3/10/2020	REG	0.0128	0.0532	< 0.0100 U	0.101	--	0.0541	--	--	--	--	--	--	1620 J	4370
MW085SA	9/24/2020	REG	0.0177	0.0696	0.0232	0.278	--	0.188	--	--	--	--	--	--	1230	4120
MW085SA	3/9/2021	REG	0.0119	0.0609	< 0.0100 U	0.268	--	0.0854	--	--	--	--	--	--	1070	4,220
MW085SA	10/12/2021	REG	0.0122	0.0217	0.0184	< 0.100 U	--	0.0432	--	--	--	--	--	--	1,390	3,270
MW085SA	2/16/2022	REG	0.0151	0.0346	0.0254	0.0276 J	--	0.0609	--	--	--	--	--	--	1560	3610
MW085SA	10/11/2022	REG	0.0170	0.0323	0.0135	< 0.100 U	--	0.0792	--	--	--	--	--	--	1330	3950
MW085SA	2/21/2023	REG	0.0118	0.0183	0.0159	<0.100 U	--	0.00049 J	--	--	--	--	--	--	654	2,310
MW085SA	10/5/2023	REG	0.0173	0.0170	0.00406 J	0.0668 J	--	0.0724	--	--	--	--	--	--	1,080	3,280
MW086SA	5/9/2017	REG	0.0103	0.0549	0.00840 J	0.241 J	--	0.00381	--	--	--	--	--	--	1,470	3,800
MW086SA	9/20/2017	REG	0.0111	0.0475	0.0464	0.515	--	0.0101	--	--	--	--	--	--	1,370	3,420
MW086SA	3/22/2018	REG	0.00957	0.039	0.0341	0.266	0.0267	0.00512	--	--	--	--	--	--	1,260	2,640
MW086SA	9/11/2018	REG	0.0123	0.034	0.0255	< 0.100 U	--	0.00153 J	--	--	--	--	--	--	1,260	3,110
MW086SA	4/11/2019	REG	0.0116	0.0482	0.0385	0.0839 J	--	0.00235	--	--	--	--	--	--	1,370	3,160
MW086SA	10/8/2019	REG	0.0123	0.0762	0.067	< 0.100 U	--	0.00833	--	--	--	--	--	--	1,110	3,240
MW086SA	3/10/2020	REG	0.011	0.0726	0.0639	0.162	--	0.00556	--	--	--	--	--	--	1300 J	3500
MW086SA	9/24/2020	REG	0.00921	0.0277	0.0432	< 0.100 U	--	0.00619	--	--	--	--	--	--	916	2880
MW086SA	3/9/2021	REG	0.0111	0.0556	0.0416	0.0926 J	--	0.00294	--	--	--	--	--	--	1250	3,560
MW086SA	10/12/2021	REG	0.00811	0.0457	0.0568	< 0.100 U	--	0.00126 J	--	--	--	--	--	--	1,400	3,220
MW086SA	2/15/2022	REG	0.0111	0.0669	0.0642	0.0287 J	--	< 0.00200 UB	--	--	--	--	--	--	1450	3220
MW086SA	10/11/2022	REG	0.0111	0.0376	0.0310	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	907	2930
MW086SA	2/21/2023	REG	0.0149	0.0246	0.0139	<0.100 U	--	0.0789	--	--	--	--	--	--	1,310	3,580
MW086SA	10/5/2023	REG	0.0119	0.0256	0.0200	<0.100 U	--	0.00191 J	--	--	--	--	--	--	586	2,220
MW087A	5/4/2017	REG	0.00338	0.0478	< 0.0100 U	1.12	--	0.548	--	--	--	--	--	--	1,210	3,550
MW087A	4/4/2018	REG	0.00115 J	0.0265	< 0.0100 U	1.18	--	0.281	--	--	--	--	--	--	1,270	4,040
MW087A	4/17/2019	REG	0.00120 J	0.0423	0.00490 J	3.56	--	0.185	--	--	--	--	--	--	1,190	3,840
MW087A	3/12/2020	REG	0.00239 J	0.0498	0.00830 J	6.77	--	0.118	--	--	--	--	--	--	791	3570
MW087A	3/11/2021	REG	0.00302 J	0.0723	< 0.0100 U	6.97	--	0.205	--	--	--	--	--	--	1180	895
MW087A	2/21/2022	REG	0.00342 J	0.0478	< 0.100 U	4.81	--	0.195	--	--	--	--	--	--	999	3410
MW087A	2/27/2023	REG	0.00319 J	0.0760	<0.0100 U	7.44	--	0.339	--	--	--	--	--	--	1,100	3,580
MW088M	5/5/2017	REG	0.0235	0.165	< 0.0100 U	0.688	--	0.798	--	--	--	--	--	--	942	3,300
MW088M	9/22/2017	REG	0.0304	0.194	< 0.0100 U	7.5	--	0.931	--	--	--	--	--	--	820	3,100
MW088M	4/4/2018	REG	0.0286	0.164	< 0.0100 U	7.59	--	0.788	--	--	--	--	--	--	876	3,290
MW088M	9/13/2018	REG	0.0234	0.157	< 0.0100 U	1.99	--	0.994	--	--	--	--	--	--	1,760	3,200
MW088M	4/17/2019	REG	0.0217	0.138	< 0.0100 U	1.72 J	--	1.26	--	--	--	--	--	--	957	3,690
MW088M	10/10/2019	REG	0.0178	0.135	< 0.0100 U	1.98	--	1.40 J	--	--	--	--	--	--	980	3,620
MW088M	3/12/2020	REG	0.0234	0.131	< 0.0100 U	6.72	--	1.94 D	--	--	--	--	--	--	975	3250
MW088M	3/11/2021	REG	0.0218	0.0177	< 0.0100 U	12.0	--	0.183	--	--	--	--	--	--	963	822
MW088M	2/18/2022	REG	0.014	0.099	< 0.100 U	12.6	--	1.49	--	--	--	--	--	--	1060	4090
MW088M	2/27/2023	REG	0.00756	0.0992	<0.0100 U	0.407	--	1.31	--	--	--	--	--	--	914	3,920
MW089SA	5/4/2017	REG	0.0101	1.15	1.02	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	948	3,160
MW089SA	9/22/2017	REG	0.0112	1.24	1.26	< 0.100 U	--	0.000274 J	--	--	--	--	--	--	905	4,240
MW089SA	4/4/2018	REG	0.0102	1.14	1.02	< 0.100 U	--	0.000901 J	--	--	--	--	--	--	1,020	3,730
MW089SA	9/14/2018	REG	0.0109	1.18	1.04	< 0.100 U	--	0.000448 J	--	--	--	--	--	--	1,040	3,780
MW089SA	4/17/2019	REG	0.0107	1.1	1.06	< 1.00 U	--	0.00835	--	--	--	--	--	--	934	4,260
MW089SA	10/11/2019	REG	0.0103	1.12	1.15	< 0.100 U	--	0.000543 J	--	--	--	--	--	--	929	3,770
MW089SA	3/12/2020	REG	0.0108	1.14	0.902	< 0.100 U		0.000751 J	--	--	--	--	--	--	630	4250
MW089SA	3/12/2021	REG	0.0104	1.02	0.988	0.0238 J	--	0.00128 J	--	--	--	--	--	--	973	4040
MW089SA	2/21/2022	REG	0.011	1.030	0.726	< 0.100 U	--	0.000707 J	--	--	--	--	--	--	714	4050
MW089SA	2/22/2023	REG	0.00991	0.227	0.238	<0.100 U	--	<0.00200 U	--	--	--	--	--	--	418	2,360
MW090	5/4/2017	FD	0.00813	0.187	0.19	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	374	2,320
MW090SA	5/4/2017	REG	0.0094	0.194	0.188	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	471	2,460
MW090SA	4/4/2018	REG	0.00926	0.263	0.258	< 0.100 U	--	0.000541 J	--	--	--	--	--	--	520	2,280
MW090SA	4/17/2019	REG	0.0096	0.265	0.31	< 0.100 U	--	0.000728 J	--	--	--	--	--	--	520	2,210
MW090SA	3/12/2020	REG	0.0098	0.315	0.303	< 0.100 U	--	0.00172 J	--	--	--	--	--	--	400	2710

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW090SA	3/12/2021	REG	0.0101	0.279	0.320	0.0233 J	--	0.00316	--	--	--	--	--	--	512	2,820
MW090SA	2/21/2022	REG	0.010	0.250	0.192	< 0.100 U	--	0.000536 J	--	--	--	--	--	--	714	1690
MW090SA	2/22/2023	REG	0.00980	0.949	1.02	<0.100 U	--	0.000409 J	--	--	--	--	--	--	937	4,420
MW091SA	5/5/2017	REG	0.00905	0.786	0.687	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	780	3,340
MW093SA	9/22/2017	REG	0.00906	0.645	0.702	< 1.00 U	--	0.0478	--	--	--	--	--	--	857	3,880
MW093SA	3/29/2018	REG	0.00826	0.523	0.557	< 0.100 U	--	0.142	--	--	--	--	--	--	982	3,000
MW093SA	9/14/2018	REG	0.00859	0.494	0.504	< 0.100 U	--	0.019	--	--	--	--	--	--	914	3,440
MW093SA	4/16/2019	REG	0.00811	0.405	0.365	0.0483 J	--	0.244	--	--	--	--	--	--	984	3,220
MW093SA	10/10/2019	REG	0.0092	0.547	0.518	0.0382 J	--	0.121 J	--	--	--	--	--	--	18.2 J	3,500
MW093SA	10/10/2019	FD	0.0092	0.563	0.528	0.0313 J	--	0.119 J	--	--	--	--	--	--	885 J	3,390
MW093SA	3/12/2020	REG	0.00893	0.576	0.68	< 0.100 U	--	0.013	--	--	--	--	--	--	685	3420
MW093SA	9/25/2020	REG	0.00831	0.494	0.5	< 0.100 U	--	0.0154	--	--	--	--	--	--	922	3960
MW093SA	3/9/2021	REG	0.00907	0.499	0.438	< 0.100 U	--	0.0192	--	--	--	--	--	--	885	3,960
MW093SA	10/14/2021	REG	0.00712	0.396	0.482	< 0.100 U	--	0.0334	--	--	--	--	--	--	864	3,890
MW093SA	2/18/2022	REG	0.00849	0.475	0.439	< 0.100 U	--	0.0114	--	--	--	--	--	--	936	3600
MW093SA	10/12/2022	REG	0.00943	0.486	0.428	0.0313 J	--	0.0183	--	--	--	--	--	--	809	3470
MW093SA	2/23/2023	REG	0.00831	0.372	0.389	<0.100 U	--	0.00728	--	--	--	--	--	--	835	3,600
MW093SA	10/3/2023	REG	0.00814	0.265	0.293	--	0.0235	--	--	--	--	--	--	--	695	3,590
MW094	5/11/2017	REG	0.00835	1.62	1.72	0.0465	--	0.0363	--	--	--	--	--	--	873	4,000
MW094	4/3/2018	REG	0.0095	1.74	1.65	< 0.100 U	--	0.0140 J	--	--	--	--	--	--	960	3,390
MW094	4/16/2019	REG	0.0108	1.53	1.88 J	0.134	--	0.0141	--	--	--	--	--	--	1,070	3,860
MW094	3/11/2020	REG	0.0108	1.77	1.63	0.0248 J	--	0.0103	--	--	--	--	--	--	926	3920
MW094	3/11/2021	REG	0.0109	0.535	0.855	< 0.100 U	--	0.0317	--	--	--	--	--	--	854	1,270
MW094	2/16/2022	REG	0.0111	0.316	0.163	< 0.100 U	--	0.0302	--	--	--	--	--	--	637	3990
MW094	2/23/2023	REG	0.00956	0.0626	0.0434	<0.100 U	--	0.0111	--	--	--	--	--	--	997	4,420
MW095	5/11/2017	REG	0.00731	4.07	4.06	0.0336	--	0.0688	--	--	--	--	--	--	1,650	6,570
MW095	3/29/2018	REG	0.00933	4.15	1.03	< 0.100 U	--	0.132	--	--	--	--	--	--	1,520	4,020
MW095	9/13/2018	REG	0.00984 J	3.93	3.62	< 0.500 U	--	0.14	--	--	--	--	--	--	1,380	3,650
MW095	4/16/2019	REG	0.0093	3.77	3.46 J	0.242	--	0.147	--	--	--	--	--	--	1,500	3,760 J
MW095	4/16/2019	FD	0.00823	3.97	3.54	0.239	--	0.126	--	--	--	--	--	--	1,410	5,320 J
MW095	10/9/2019	REG	0.00909	3.29	3.02	< 0.100 U	--	0.142	--	--	--	--	--	--	1,280	3,440
MW095	10/9/2019	FD	0.00914	3.58	3.11 J	< 0.100 U	--	0.141	--	--	--	--	--	--	1,260	3,740
MW095	3/11/2020	FD	0.00837	2.50 D	2.36	< 0.100 U	--	0.126	--	--	--	--	--	--	1370	3890
MW095	3/11/2020	REG	0.00874	2.42 D	2.22	0.0239 J	--	0.131	--	--	--	--	--	--	1460	3630
MW095	9/28/2020	FD	0.00917	3.42	3.39	0.0396 J	--	0.102	--	--	--	--	--	--	1540	4720
MW095	9/28/2020	REG	0.0095	3.4	3.34	0.0369 J	--	0.106	--	--	--	--	--	--	1520	4570
MW095	3/10/2021	REG	0.00894	3.83	3.67	0.0328 J	--	0.111	--	--	--	--	--	--	1460	4570 J
MW095	3/10/2021	FD	0.00929	4.03	3.7	0.0306 J	--	0.112	--	--	--	--	--	--	1470	1090 J
MW095	10/14/2021	FD	0.00904	3.54	3.71	< 0.100 U	--	0.108	--	--	--	--	--	--	1,340	4,510
MW095	10/14/2021	REG	0.00841	3.73	3.99	< 0.100 U	--	0.106	--	--	--	--	--	--	1,330	4,610
MW095	2/18/2022	REG	0.00905	3.46	2.94	< 0.100 U	--	0.131	--	--	--	--	--	--	1430	4720
MW095	2/18/2022	FD	0.00898	3.67	3.19	< 0.100 U	--	0.127	--	--	--	--	--	--	1410	4420
MW095	10/11/2022	REG	0.00943	4.06	3.23	< 0.100 U	--	0.154	--	--	--	--	--	--	1140	4970
MW095	2/27/2023	REG	0.00864	2.89	2.8	<0.100 U	--	0.170	--	--	--	--	--	--	1,120	4,550
MW095	10/4/2023	REG	0.00921	3.23	3.02	<0.100 U	--	0.162	--	--	--	--	--	--	1,030	4,920
MW096P	5/4/2017	REG	0.0116	0.0615	0.0162	0.119	--	0.242	--	--	--	--	--	--	330	1,390
MW097P	5/4/2017	REG	0.00811	0.39	0.379	< 0.0200 U	--	0.0722	--	--	--	--	--	--	1,010	3,760
MW097P	4/4/2018	REG	0.00869	0.385	0.371	< 0.100 U	--	0.0554	--	--	--	--	--	--	965	3,670
MW097P	4/16/2019	REG	0.0111 J	0.479	0.36	< 0.500 U	--	0.0557	--	--	--	--	--	--	1,010	3,480
MW097P	3/12/2020	REG	0.0112	0.457	0.446 J	< 0.100 U	--	0.0733	--	--	--	--	--	--	576	3610
MW097P	3/11/2021	REG	0.0111	0.446	0.467	< 0.100 U	--	0.0559	--	--	--	--	--	--	959	913
MW097P	2/21/2022	REG	0.0105	0.437	0.395	< 0.100 U	--	0.0402	--	--	--	--	--	--	1080	3520
MW097P	2/27/2023	REG	0.0107	0.45	0.392	<0.100 U	--	0.0383	--	--	--	--	--	--	875	3,590
MW099	5/11/2017	REG	0.0375	0.00134 J	< 0.0100 U	0.0509 J	--	0.387	--	--	--	--	--	--	74	336
MW099	9/21/2017	REG	0.0297	< 0.00400 U	< 0.0100 U	0.0705 J	--	0.322	--	--	--	--	--	--	66.9	496

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Appendix F
Historical Groundwater Analytical Results
2023 Annual GWM Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

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		Parameter Name	Arsenic	Chromium	Chromium, Hexavalent	Iron	Barium	Manganese	Benzene	Toluene	Ethylbenzene	Xylene (total)	GRO (C6-C10)	DRO (C10-C28)	Chloride	TDS
		Report Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
		NMWQCC Standard	0.01	0.05	0.05	1	2	0.2	0.005	1	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
MW099	3/29/2018	REG	0.0124	< 0.00400 U	< 0.0100 U	0.0835	--	0.262	--	--	--	--	--	--	64.8	429
MW099	3/29/2018	FD	0.012	< 0.00400 U	< 0.0100 U	0.0661	--	0.252	--	--	--	--	--	--	67.2	447
MW099	9/13/2018	REG	0.00898 J	< 0.0200 U	< 0.0100 U	< 0.500 U	--	0.219	--	--	--	--	--	--	64.6	496
MW099	4/12/2019	REG	0.00744	< 0.00400 U	< 0.0100 U	0.0423 J	--	0.18	--	--	--	--	--	--	72.8	453
MW099	10/9/2019	REG	0.01	< 0.00400 U	< 0.0100 U	0.0626 J	--	0.195	--	--	--	--	--	--	67.1	486
MW099	3/11/2020	REG	0.0124	< 0.00400 U	< 0.0100 U	0.146	--	0.207	--	--	--	--	--	--	70.2	502
MW099	3/11/2021	REG	0.00618	< 0.00400 U	< 0.0100 U	0.188	--	0.153	--	--	--	--	--	--	72.1	542
MW099	2/21/2022	REG	0.00591	< 0.00400 U	< 0.100 U	0.237	--	0.148	--	--	--	--	--	--	74.6	517
MW099	2/24/2023	REG	0.00722	<0.00400 U	<0.0100 U	0.233	--	0.0942	--	--	--	--	--	--	73.8	502
MW100	5/9/2017	REG	0.00793	0.00191 J	< 0.0100 U	0.151 J	--	0.184	--	--	--	--	--	--	690	1,780
MW100	5/9/2017	FD	0.00873	0.00209 J	< 0.0100	0.212 J	--	0.246	--	--	--	--	--	--	632	1,700
MW100	9/20/2017	REG	0.0129	0.00223 J	< 0.0100 U	0.528	--	0.124	--	--	--	--	--	--	667 J	1,640 J
MW100	9/20/2017	FD	0.0139	0.00125 J	< 0.0100 U	0.426	--	0.116	--	--	--	--	--	--	216 J	760 J
MW100	3/22/2018	REG	0.00858	< 0.00400 U	< 0.0100 U	0.0727	0.0385	0.172	--	--	--	--	--	--	743	2,200
MW100	9/11/2018	REG	0.00935	< 0.00400 U	< 0.0100 U	0.0583 J	--	0.253	--	--	--	--	--	--	789	1,640
MW100	9/11/2018	FD	0.00906	< 0.00400 U	< 0.0100 U	0.0569 J	--	0.223	--	--	--	--	--	--	865	1,730
MW100	4/11/2019	REG	0.0106	0.00733	< 0.0100 U	0.36	--	0.299	--	--	--	--	--	--	948	1,900
MW100	4/11/2019	FD	0.0106	0.00692	< 0.0100 U	0.345	--	0.303	--	--	--	--	--	--	976	1,970
MW100	10/8/2019	REG	0.00952	0.000802 J	< 0.0100 U	0.0928 J	--	0.27	--	--	--	--	--	--	899	2,210
MW100	3/10/2020	REG	0.00818	< 0.00400 U	< 0.0100	0.0440 J	--	0.456	--	--	--	--	--	--	1070 J	2330
MW100	9/24/2020	REG	0.00918	0.00173 J	< 0.0100 U	0.289	--	0.146	--	--	--	--	--	--	1050	2520
MW100	3/9/2021	REG	0.0089	0.000681 J	< 0.0100 U	0.0766 J	--	0.497	--	--	--	--	--	--	981	2,630
MW100	10/12/2021	REG	0.00634	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.416	--	--	--	--	--	--	888	2,260
MW100	2/15/2022	REG	0.00747	0.000647 J	< 0.100 U	0.133	--	0.330	--	--	--	--	--	--	1100	2140
MW100	10/11/2022	REG	0.00735	0.00134 J	< 0.0100 U	< 0.100 U	--	0.610	--	--	--	--	--	--	843	2570
MW100	2/21/2023	REG	0.00739	<0.00400 U	<0.0100 U	0.0521 J	--	0.421	--	--	--	--	--	--	846	1,930
MW100	10/5/2023	REG	0.00851	<0.00400 U	<0.0100 U	<0.100 U	--	0.612	--	--	--	--	--	--	623	1,890
MW70A	5/11/2017	REG	0.0182	0.00348 J	< 0.0100 U	0.00351 J	--	0.000259 J	--	--	--	--	--	--	49.3	414
RW003	5/5/2017	REG	0.0792	< 0.00400 U	< 0.0100 U	38.7	--	1.21	--	--	--	--	--	--	509	2,460
RW004A	5/4/2017	REG	0.036	0.0285	< 0.0100 U	23.1	--	0.274	--	--	--	--	--	--	573	3,310
Teague	5/11/2017	REG	0.00457	0.00844	< 0.0100 U	0.0466 J	--	0.0185	--	--	--	--	--	--	1,170	2,830
Trip Blank	5/5/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
Trip Blank	5/9/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
Trip Blank	5/10/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
Trip Blank	5/11/2017	TB	--	--	--	--	--	--	< 0.002 U	< 0.002 U	< 0.002 U	< 0.002 U	--	--	--	--
WoodellWW	5/11/2017	REG	0.0095	0.115	0.113	0.0826 J	--	0.000684 J	--	--	--	--	--	--	532	1,630

Released to Imaging: 4/30/2024 9:27:34 AM

ARCADIS

Received by OCD: 3/13/2024 8:06:07 PM

Notes:										
NMWQCC Standard exceedance										
< = less than										
-- = not applicable/not analyzed										
Bold = detected analyte										
DRO = diesel-range organics										
FD = field duplicate										
GRO = gasoline-range organics										
ID = identification										
mg/L = milligrams per liter										
MS/MSD = matrix spike/matrix spike duplicate										
NMWQCC = New Mexico Water Quality Control Commission										
REG = parent sample										
TB = trip blank										
TDS = total dissolved solids										
Qualifiers:										
B = Analyte was detected in associated blank sample.										
D = Concentration is based on a diluted sample analysis.										
J = Estimated concentration.										
U = Analyte was not detected above the laboratory reporting limit.										
X = MS/MSD recoveries were outside of laboratory control limits.										
R = The sample results are rejected.										
H = Sample was prepped or analyzed beyond the specified holding time										
UB = Compound considered non-detect at the listed value due to associated blank contamination.										
UJ =The analyte was not detected above the reporting limit. However, the reported limit is approximate										

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APPENDIX G

2023 Mann-Kendall Trend Analysis

Released to Imaging: 4/30/2024 9:27:34 AM

Received by OCD: 3/13/2024 8:06:07 PM

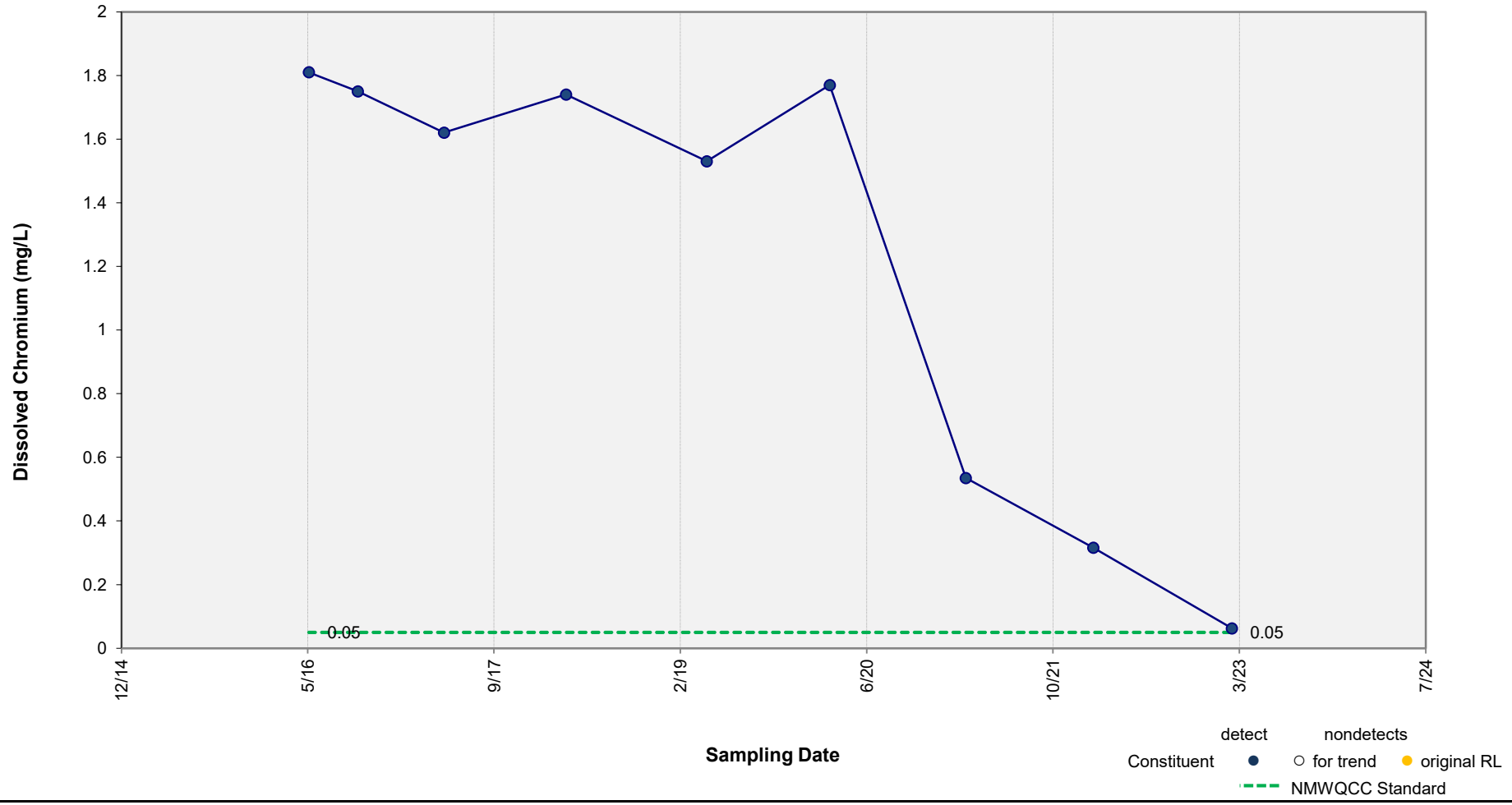
Table G-1. Mann-Kendall Results Summary
Appendix G. 2023 Mann-Kendall Trend Analysis
2023 Aunnual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

ARCADIS

Constituent	Monitoring Well	NMWQCC Standard (mg/L)	Start Date [1]	End Date	Summary Statistics						Mann-Kendall				Notes
					n	% ND	Minimum Concentration (mg/L)	Maximum Concentration (mg/L)	Most Recent Concentration (mg/L)	CV	S-Statistic	p-value	Trend Determination	Significance [2]	
Dissolved Chromium	**Western and southern plumes (upgradient; offsite)**														
	MW094	0.05	5/13/2016	2/23/2023	9	0	0.0626	1.81	0.0626	0.6	-26	0.003	Decreasing	Significant	
	MW058	0.05	5/16/2016	2/24/2023	9	0	2.46	3.9	3.35	0.2	30	< 0.001	Increasing	Significant	
	MW013	0.05	5/16/2016	10/4/2023	16	0	0.418	2.54	0.418	0.5	-20	0.196	Stable	NS	
	Eastern Plume (downgradient; offsite)														
	MW041A	0.05	5/16/2016	2/23/2023	11	0	0.183	0.213	0.183	0.05	-9	0.265	Stable	NS	
	MW051SA (since 2017)	0.05	5/10/2017	2/22/2023	10	0	0.699	0.818	0.701	0.06	-29	0.005	Decreasing	Significant	
	MW085SA	0.05	5/17/2016	10/5/2023	16	0	0.0101	0.0696	0.017	0.5	8	0.376	Stable	NS	
	MW086SA	0.05	5/18/2016	10/5/2023	16	0	0.0246	0.0762	0.0256	0.3	-28	0.112	Stable	NS	
Chloride	**Western and southern plumes (offsite)**														
	MW069	250	5/13/2016	10/4/2023	16	0	715	20,900	4,650	0.8	4	0.446	Stable	NS	Concentrations stepped up in 4/2019, but have since stabilized.
	MW094	250	5/13/2016	2/23/2023	9	0	637	1,130	997	0.2	-16	0.060	Decreasing	Significant	
	MW032	250	5/13/2016	10/4/2023	15	0	231	524	524	0.2	69	< 0.001	Increasing	Significant	Added to analysis in 2020.
	MW058	250	5/16/2016	2/24/2023	9	0	995 J	1,330	1,110	0.1	2	0.46	Stable	NS	
	MW013	250	5/16/2016	10/4/2023	16	0	255	1,030	694	0.2	14	0.28	Stable	NS	
	Onsite plume														
	MW047	250	5/20/2016	2/27/2023	15	0	146	604 J	146	0.4	-65	< 0.001	Decreasing	Significant	
	Eastern Plume (offsite)														
	MW041A	250	5/16/2016	2/23/2023	11	0	377	488	394	0.09	1	0.500	Stable	NS	
	MW051SA	250	5/18/2016	2/22/2023	11	0	968	1,360	968	0.1	-21	0.057	Decreasing	Significant	
	MW085SA	250	5/17/2016	10/5/2023	16	0	654	1,650	1,080	0.2	-26	0.130	Stable	NS	
	MW073SA	250	5/17/2016	10/5/2023	16	0	189	2,100	267	0.9	6	0.411	Variable	NS	Large increase from 9/2018 - 10/2019, but has since decreased. Still above pre 9/2018 levels.
	MW086SA (since 2017)	250	5/9/2017	10/5/2023	14	0	586	1,470	586	0.2	-27	0.077	Decreasing	Significant	
	MW100	250	5/9/2017	10/5/2023	14	0	623	1,100	623	0.2	17	0.191	Stable	NS	Added to analysis in 2020.

Notes:
[1] Trend analysis performed on results following sampling methodology change (spring 2016).
[2] p-value <0.1 indicates a statistically significant trend (90% confidence level).

Acronyms:
< - less than
% - percent
CV - coefficient of variation
D - diluted sample
J - estimated concentration
mg/L - milligrams per liter
ND - nondetect
NMWQCC - New Mexico Water Quality Control Commission
NS - not significant
X - recoveries were found to beoutside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enoughto affect the recovery of the spike concentration.



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

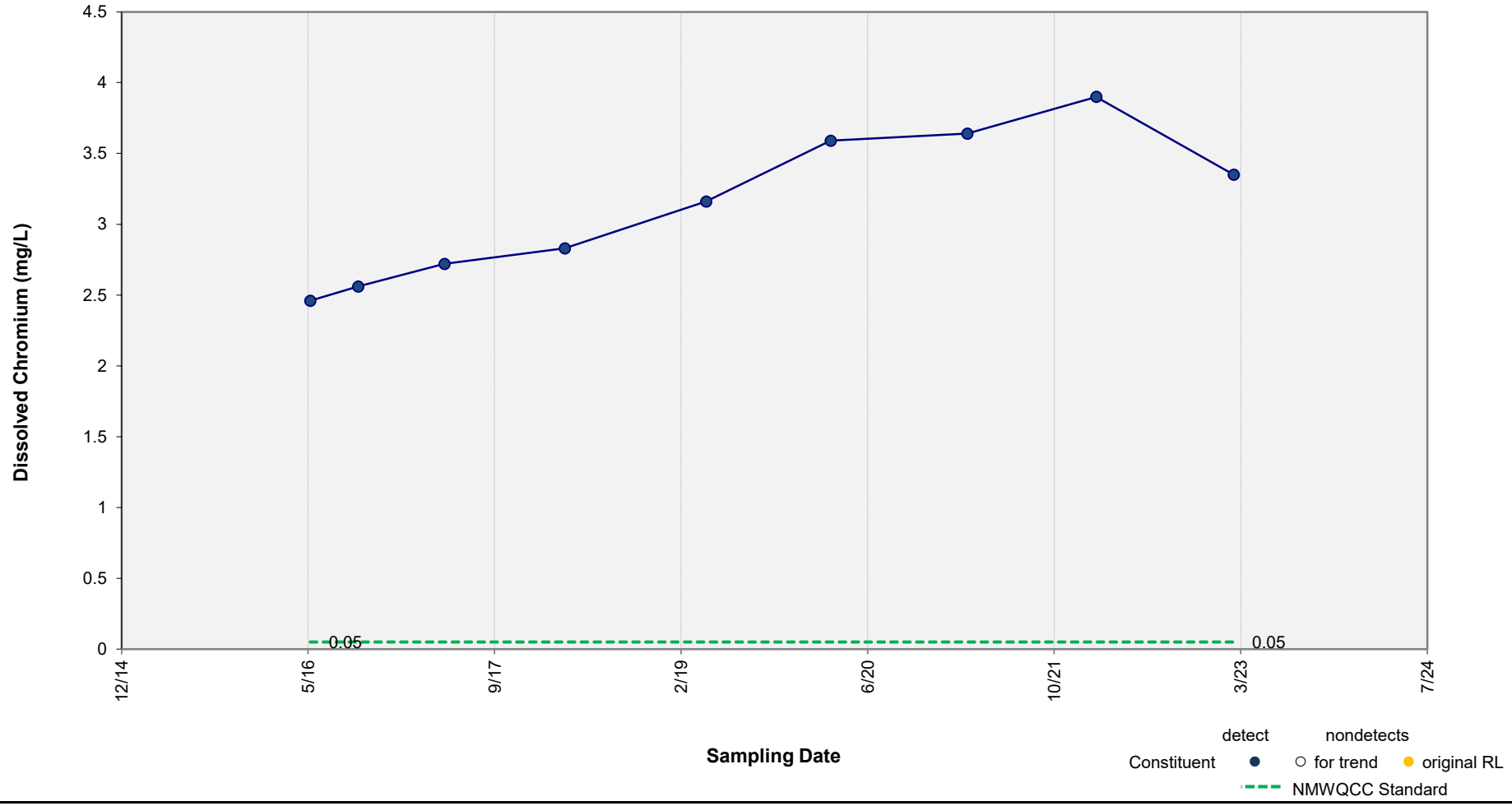
p value = 0.003 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW094

Eunice North

Figure G-1



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

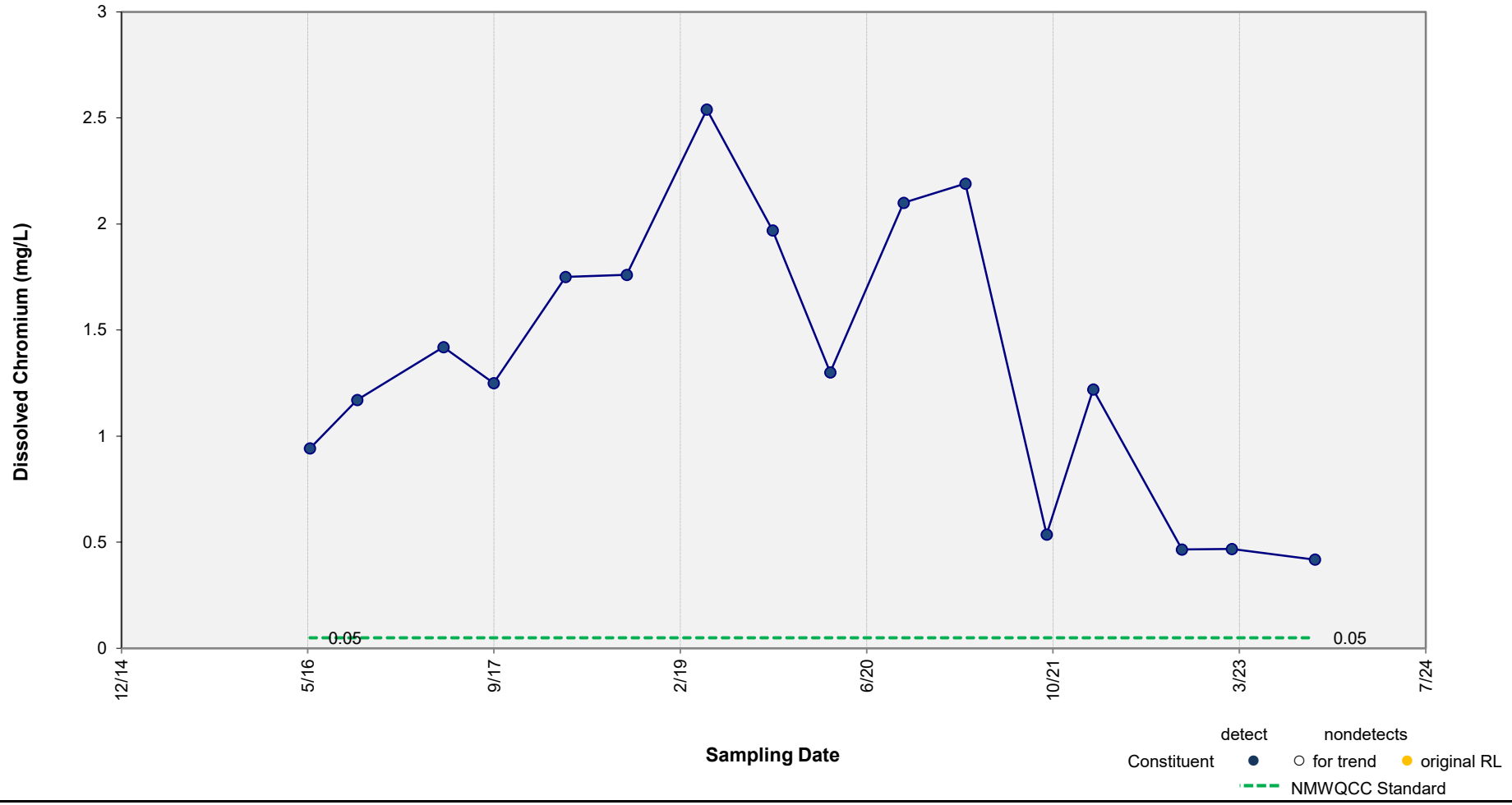
p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW058

Eunice North

Figure G-2



Results of Mann-Kendall Test for Trend: **Stable**

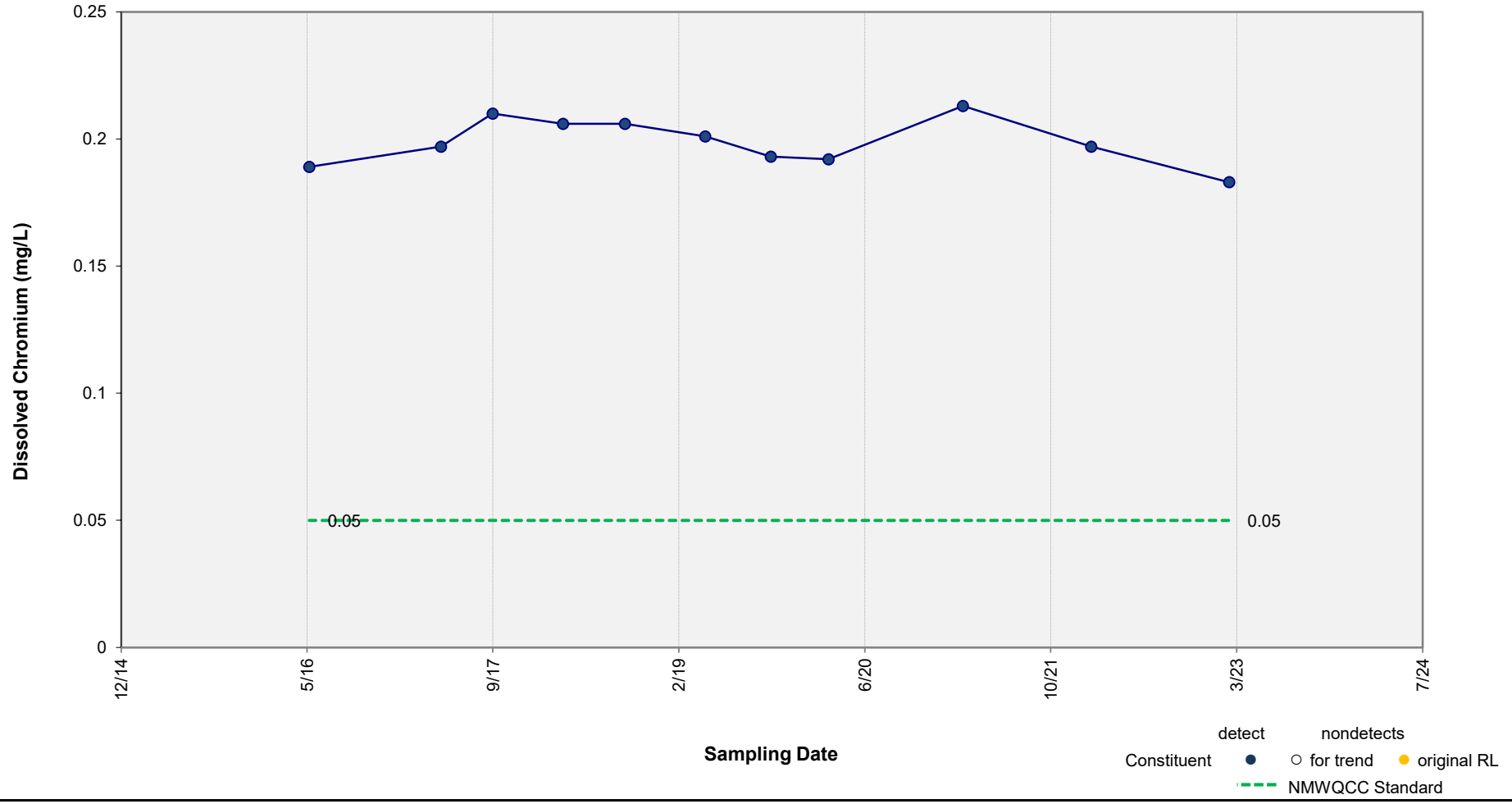
p value = 0.196 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW013

Eunice North

Figure G-3



Results of Mann-Kendall Test for Trend: **Stable**

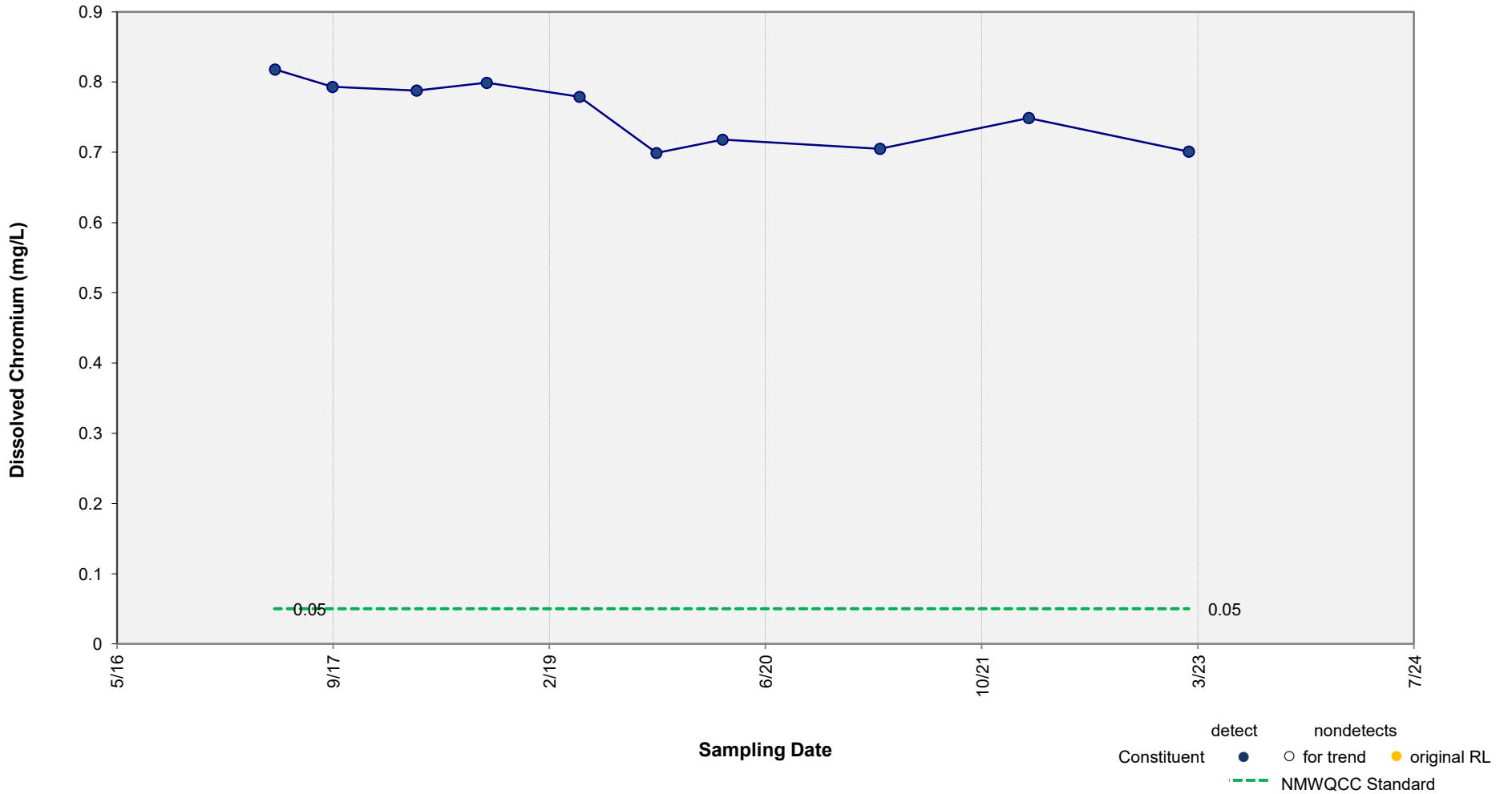
p value = 0.265 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW041A

Eunice North

Figure G-4



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

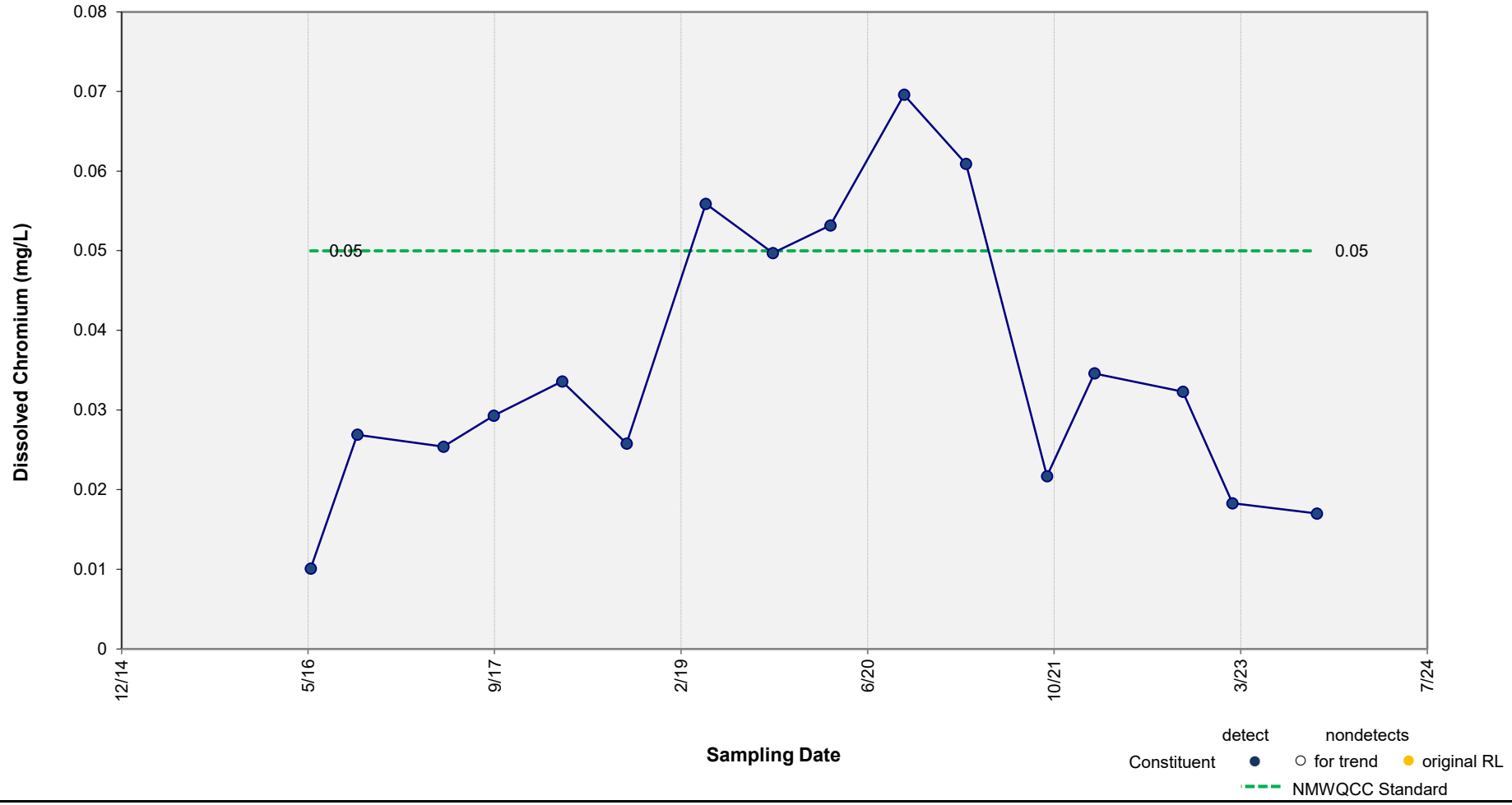
p value = 0.005 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW051SA (since 2017)

Eunice North

Figure G-5



Results of Mann-Kendall Test for Trend: **Stable**

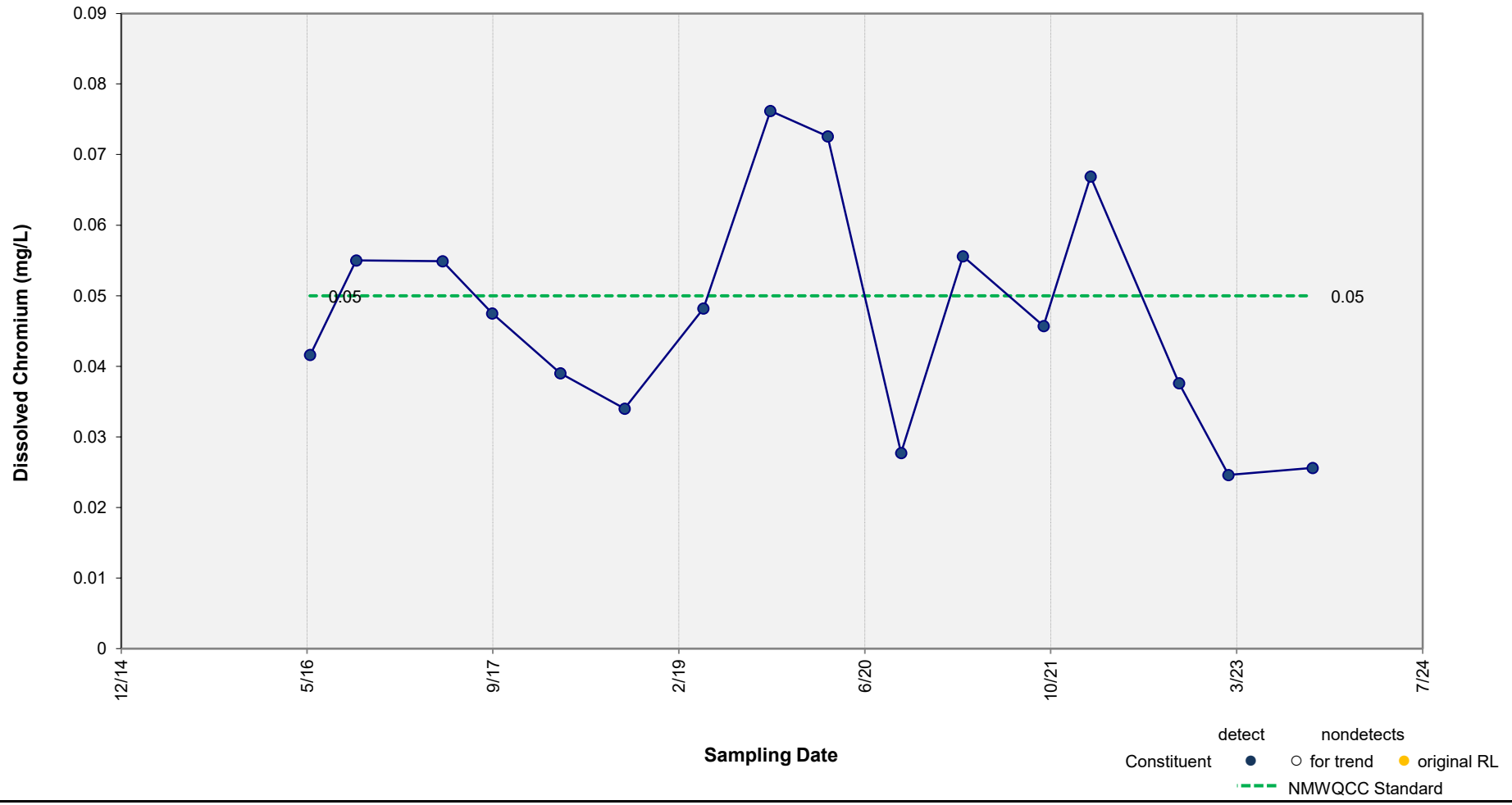
p value = 0.376 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW085SA

Eunice North

Figure G-6



Results of Mann-Kendall Test for Trend: **Stable**

p value = 0.112 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW086SA

Eunice North

Figure G-7

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (0.0667/0.069) TOTAL CHROMIUM CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- TOTAL CHROMIUM ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)
  - >0.05
  - >0.5
  - >2
- J THE TARGET ANALYTE WAS POSITIVELY IDENTIFIED BELOW THE QUANTITATION LIMIT AND ABOVE THE DETECTION LIMIT
- <0.00400 NOT DETECTED ABOVE REPORTING LIMIT
- NS NOT SAMPLED

- Increasing Trend
- Decreasing Trend
- No Statistically Significant Trend
- Well Selected for Mann-Kendall Trend Analysis

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED OCTOBER 3 THROUGH 6, 2023.
6. ONLY DATA COLLECTED IN FALL 2023 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

CONTINENTAL ROAD
6th STREET
MAIN STREET (STATE LOOP 207)
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET

N

0 300' 600'
GRAPHIC SCALE

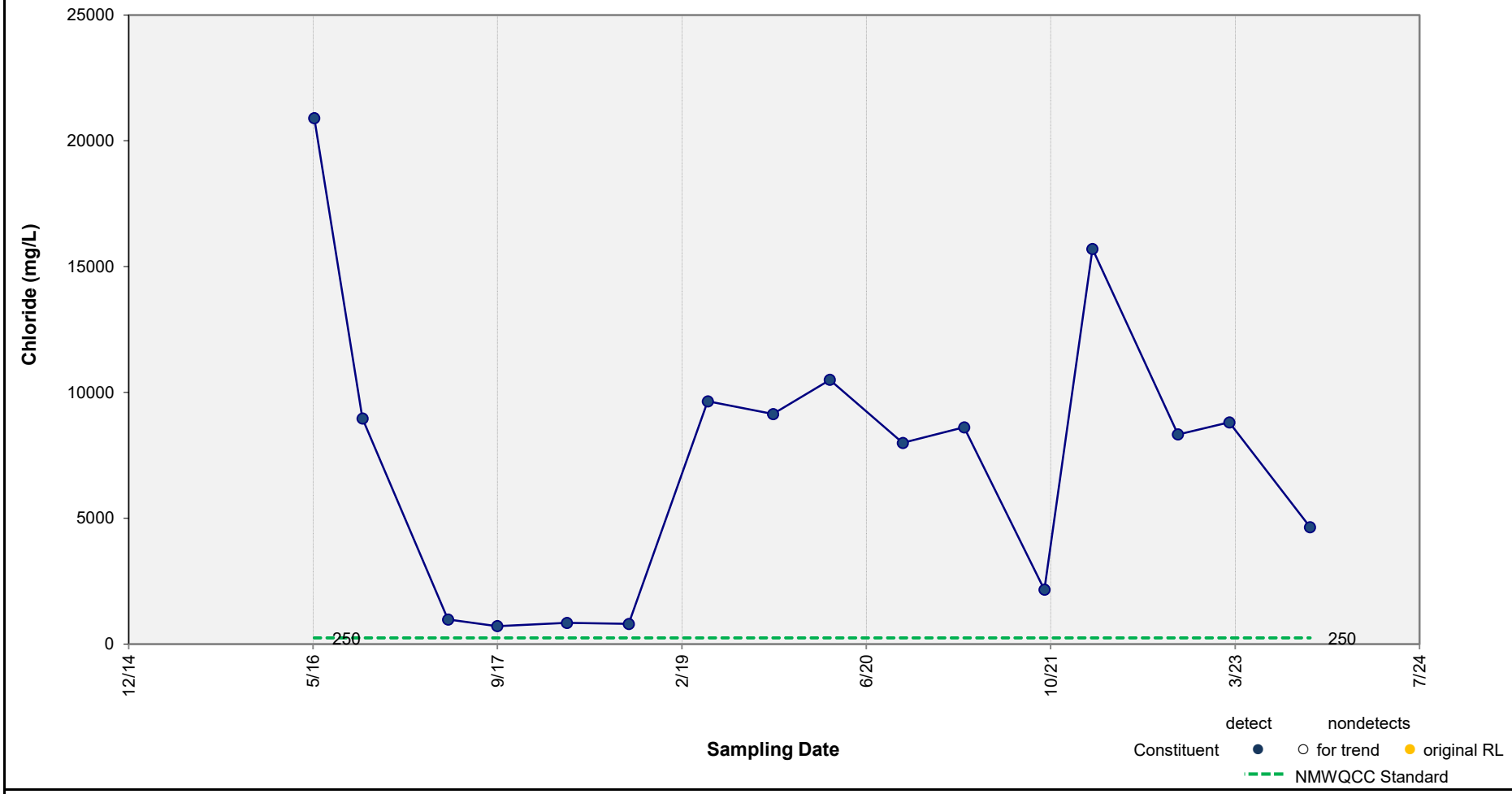
CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

DISSOLVED CHROMIUM 2023 MANN-KENDALL TREND SUMMARY

ARCADIS

FIGURE
G-8

C:\Users\ani00071\DC\ACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024101-DWG\GWM-2023Q1-F07-CHROMIUM FALL.dwg LAYOUT: 7 SAVED: 2/26/2024 11:04 PM ACADVER: 24.2S (LMS TECH)
PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 2/27/2024 11:38 AM BY: R, ANITA
XREFS:
IMAGES:



Results of Mann-Kendall Test for Trend: **Stable**

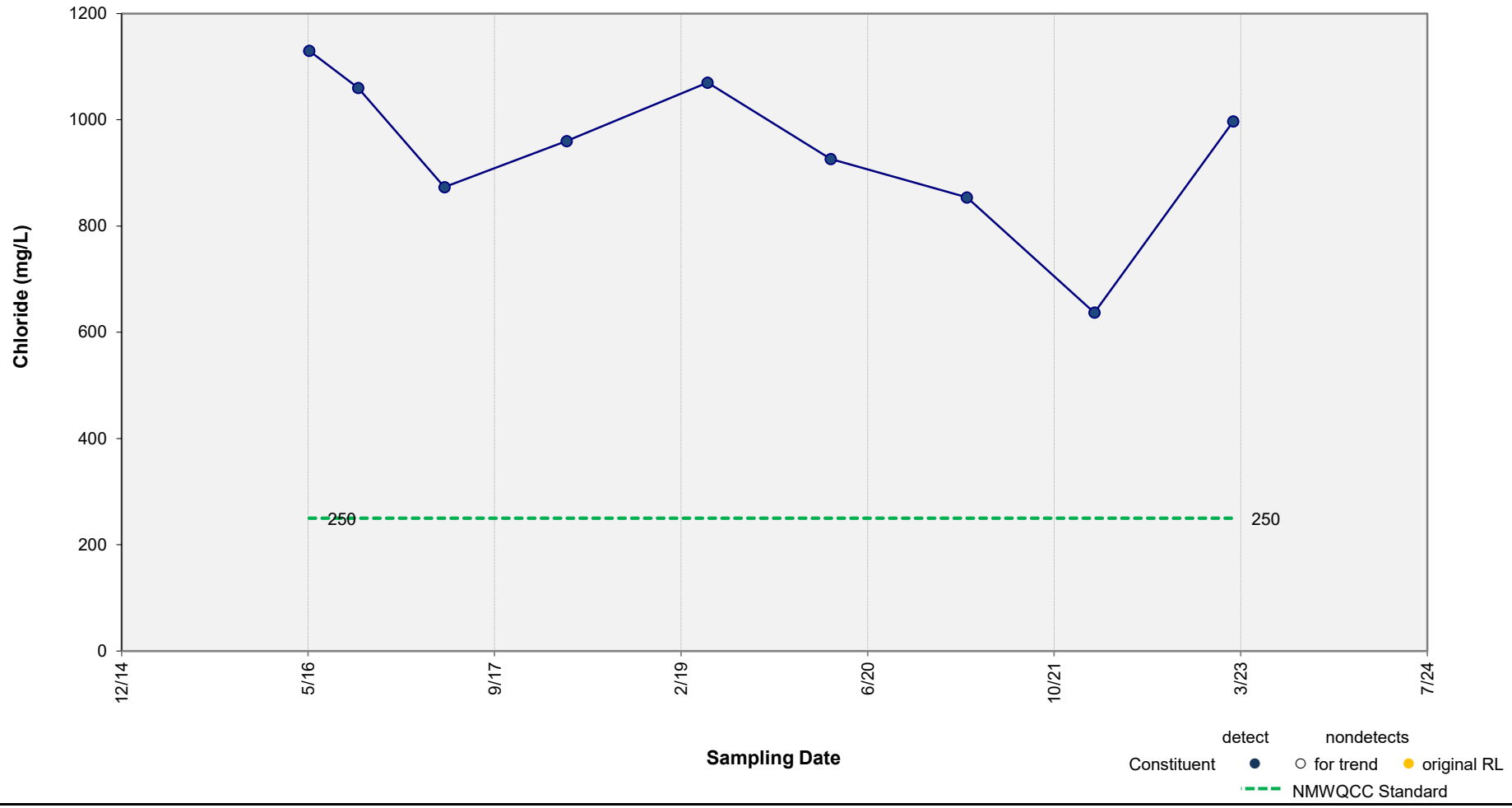
p value = 0.446 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW069

Eunice North

Figure G-9



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

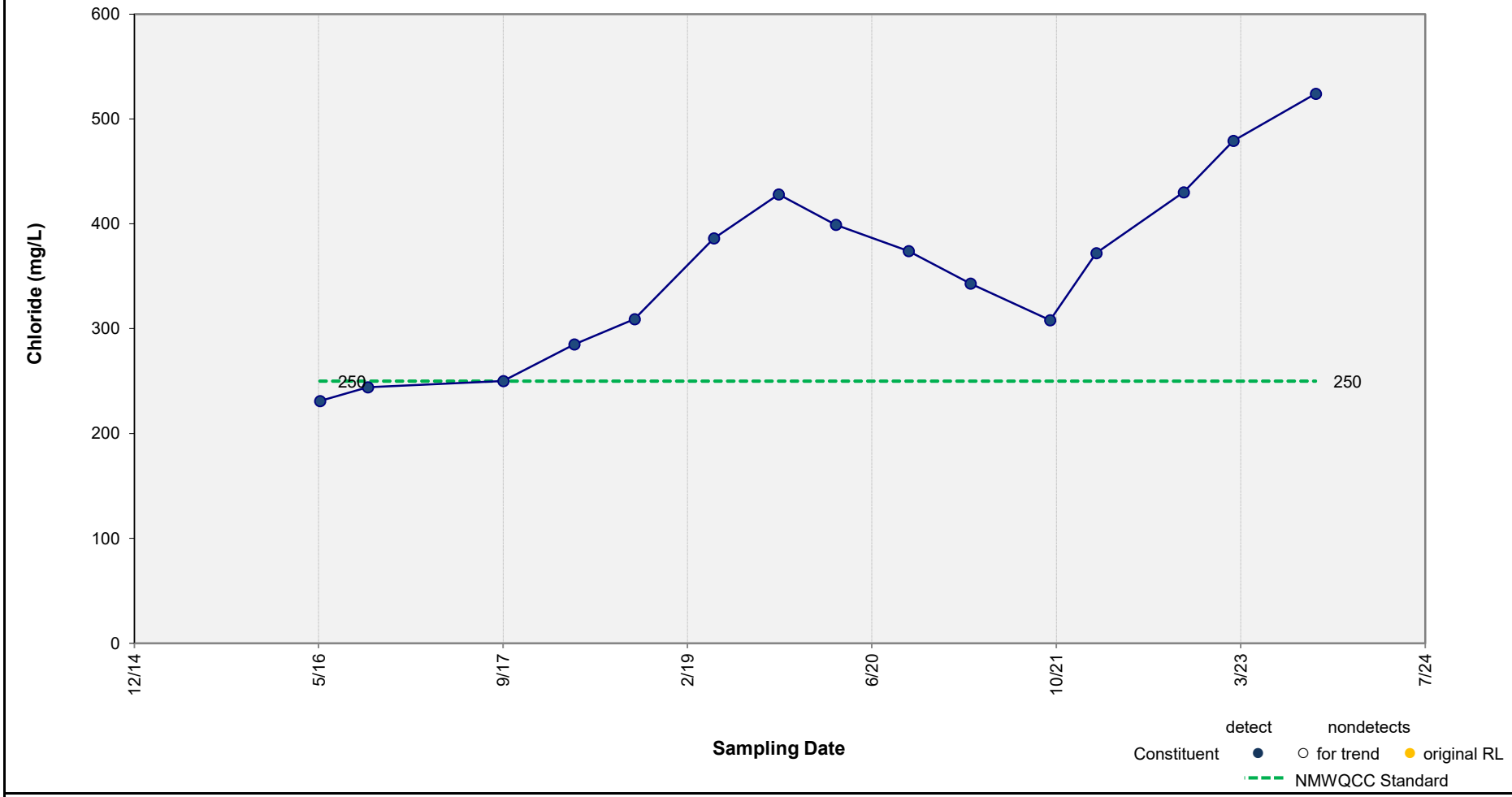
p value = 0.060 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW094

Eunice North

Figure G-10



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

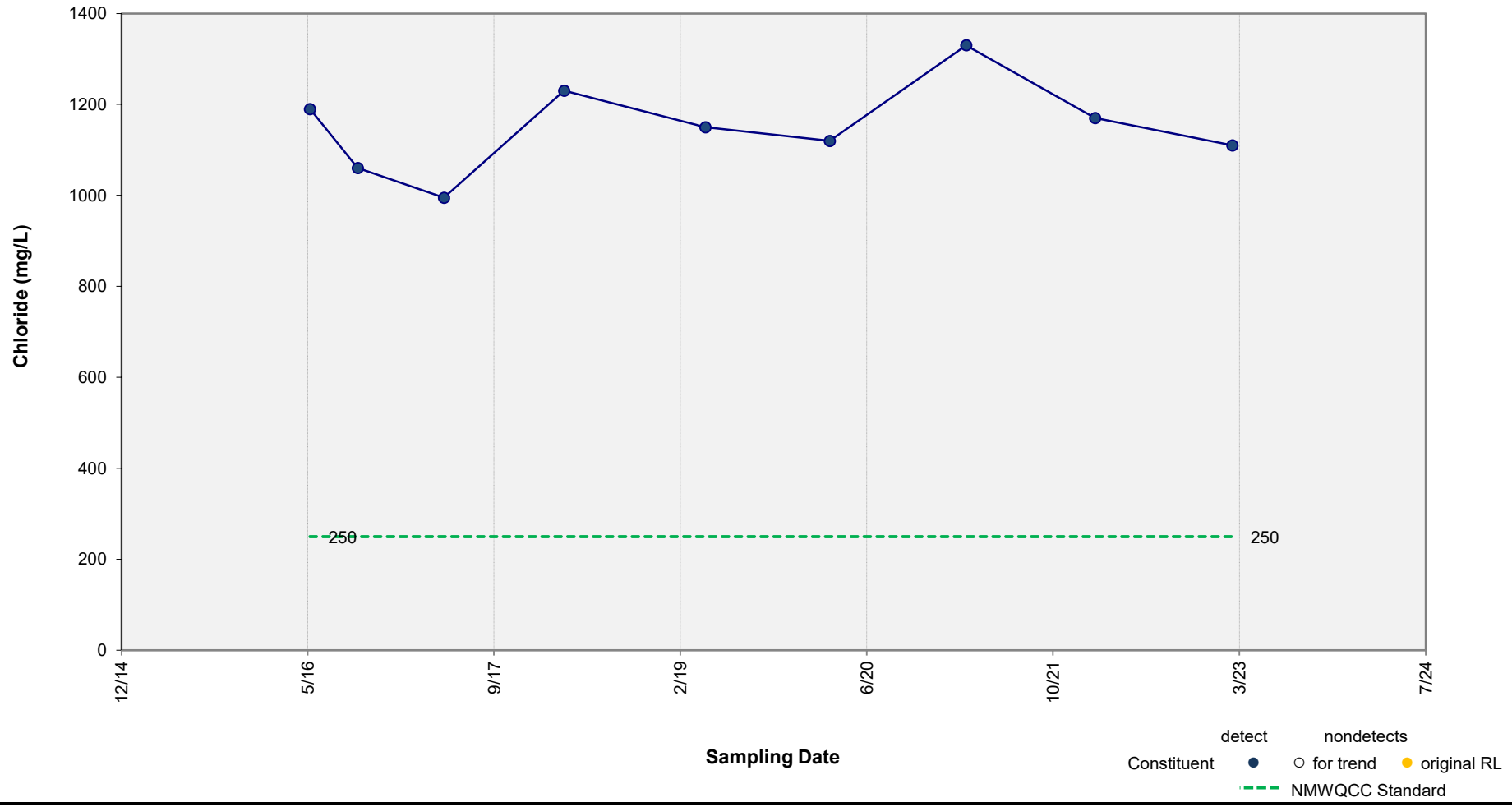
p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW032

Eunice North

Figure G-11



Results of Mann-Kendall Test for Trend: **Stable**

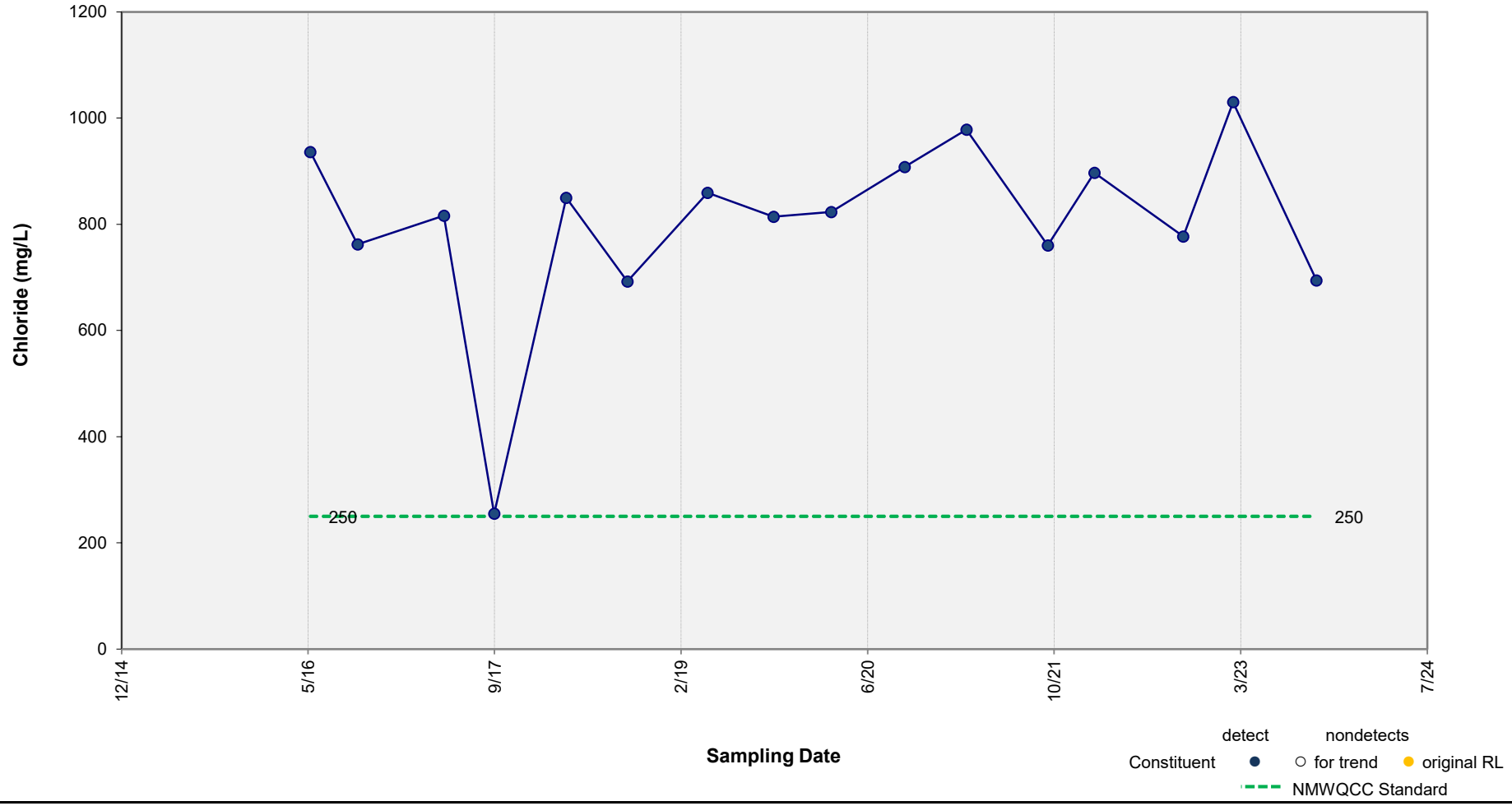
p value = 0.460 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW058

Eunice North

Figure G-12



Results of Mann-Kendall Test for Trend: **Stable**

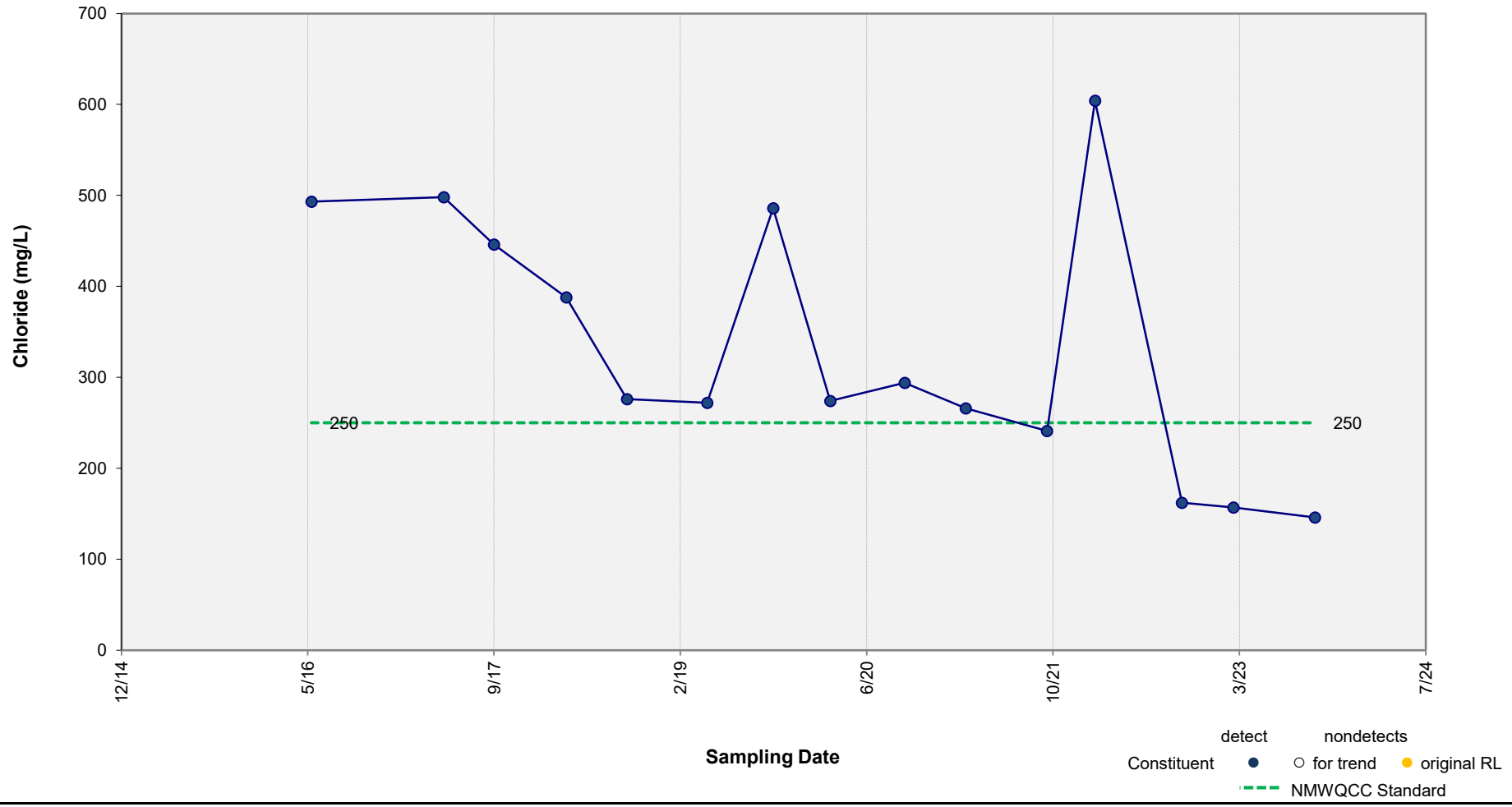
p value = 0.279 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW013

Eunice North

Figure G-13



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

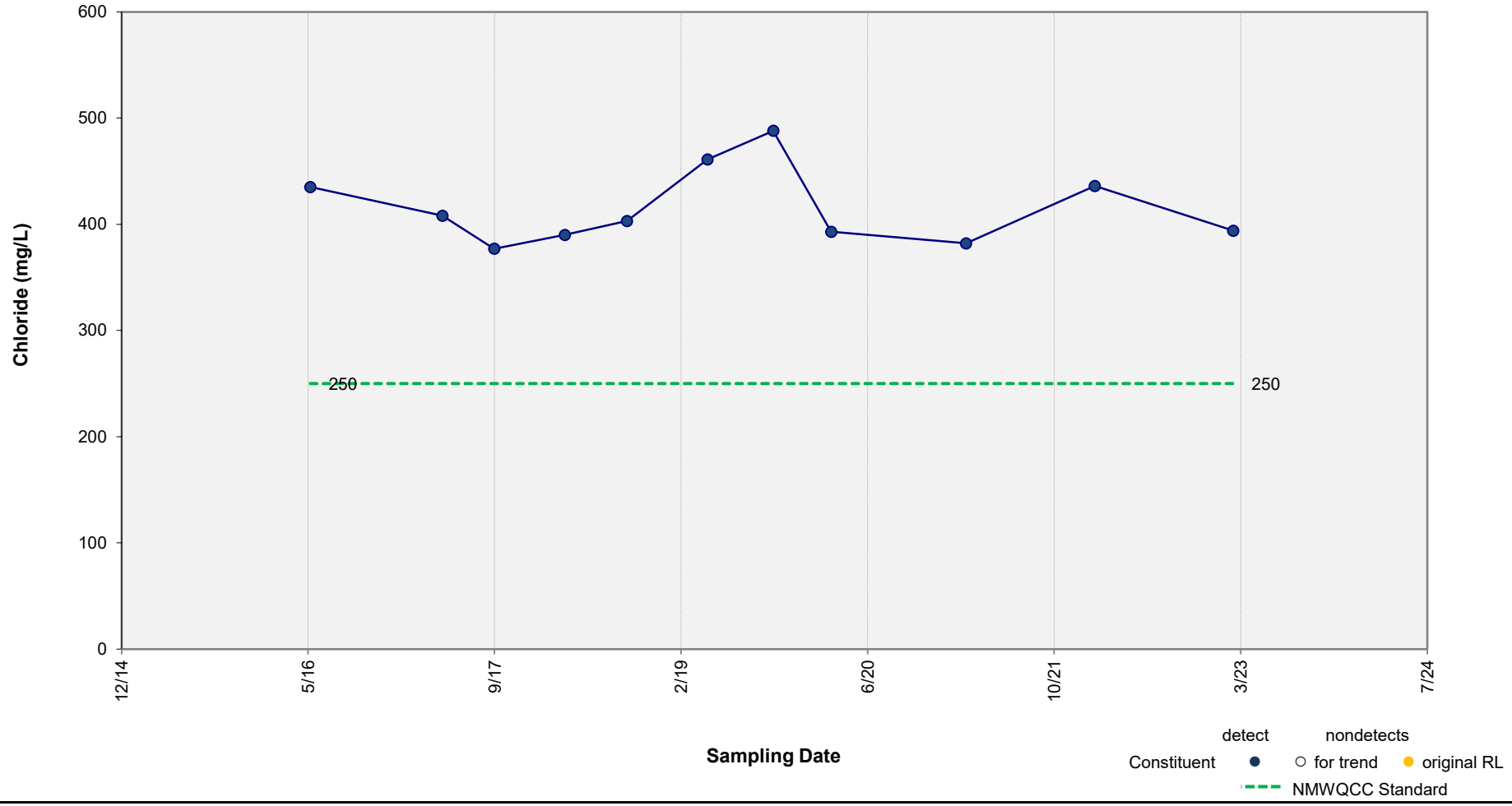
p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW047

Eunice North

Figure G-14



Results of Mann-Kendall Test for Trend: **Stable**

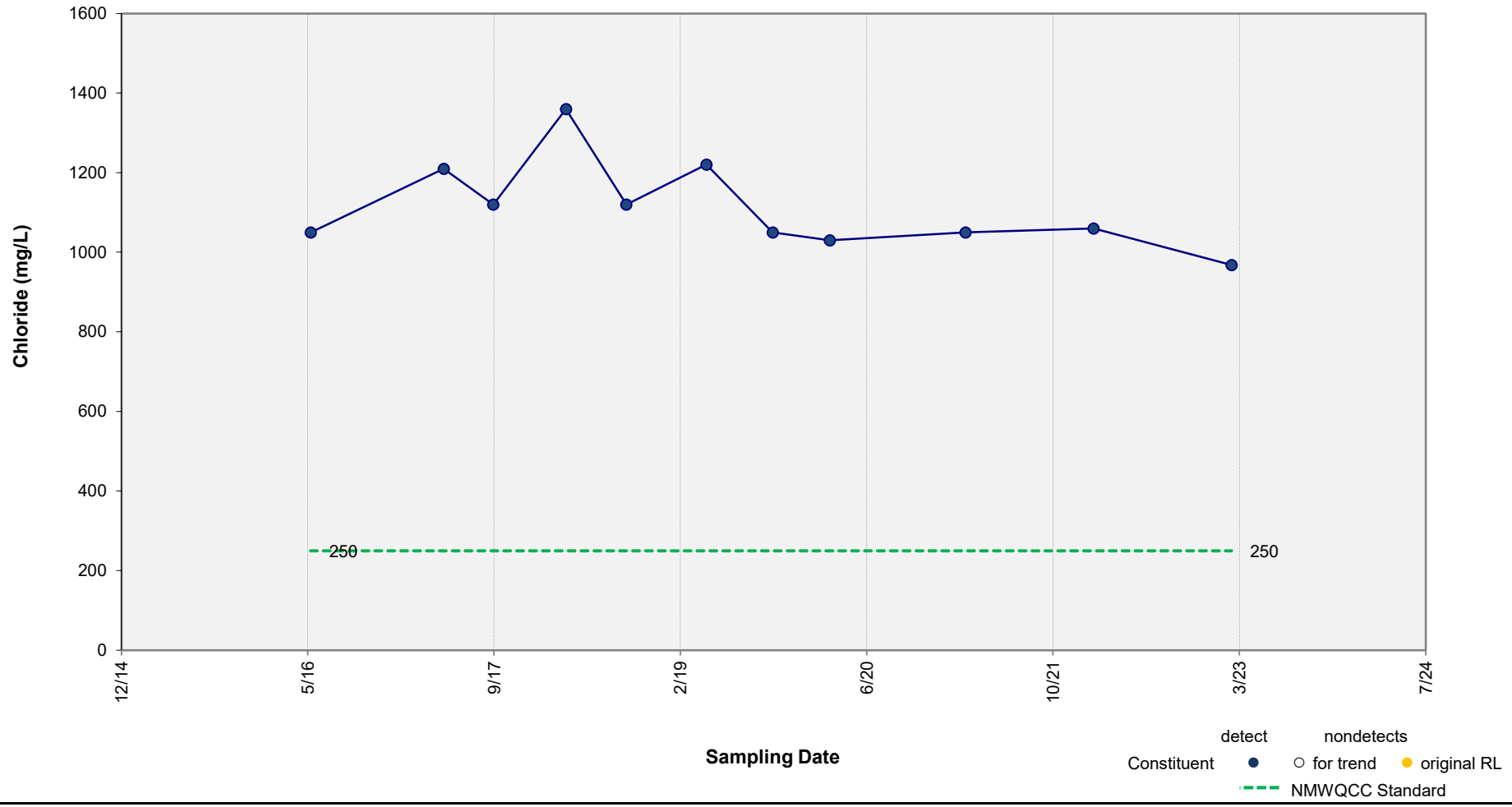
p value = 0.500 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW041A

Eunice North

Figure G-15



Results of Mann-Kendall Test for Trend: **Decreasing Trend**

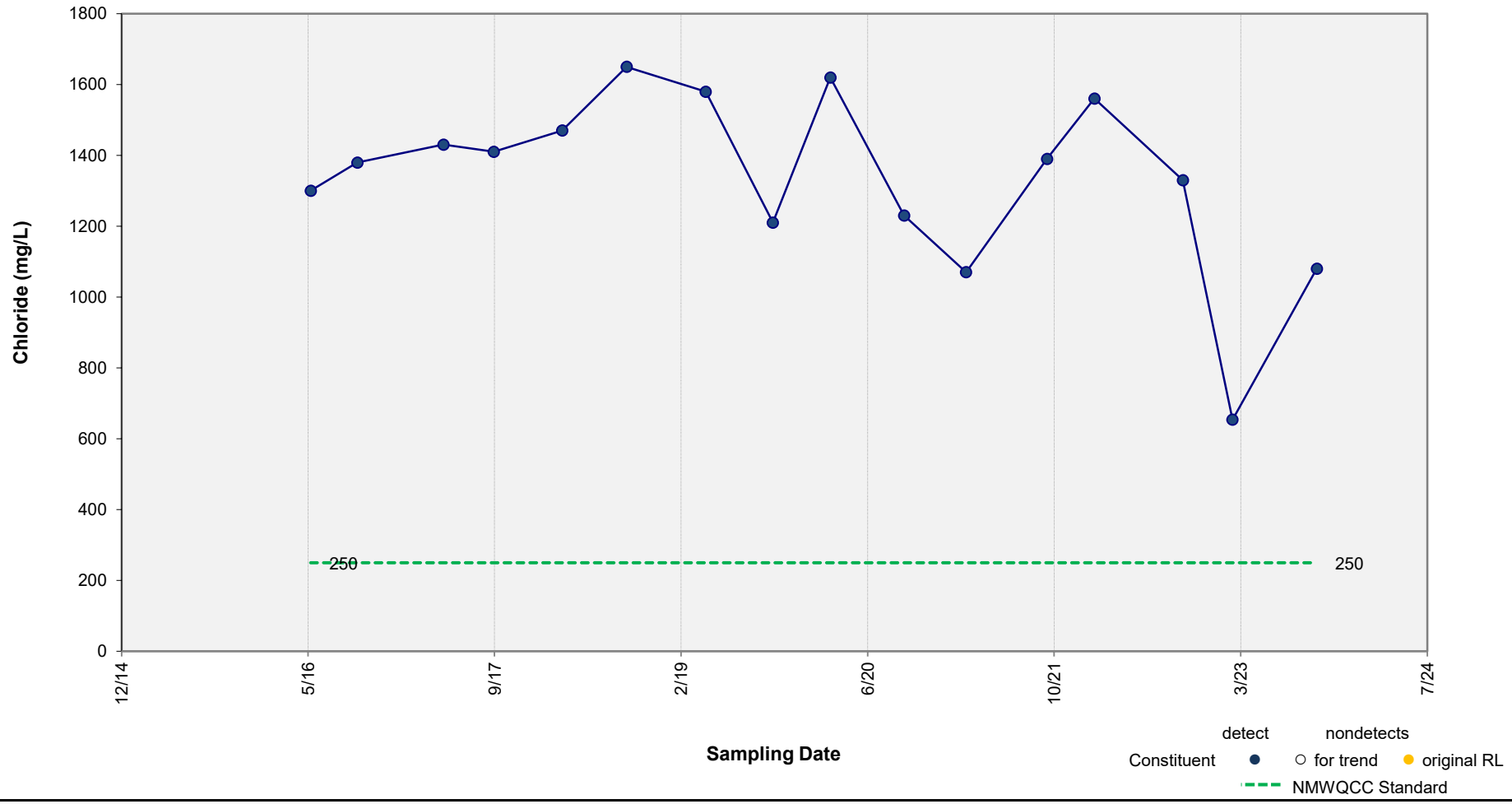
p value = 0.057 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW051SA

Eunice North

Figure G-16



Results of Mann-Kendall Test for Trend: **Stable**

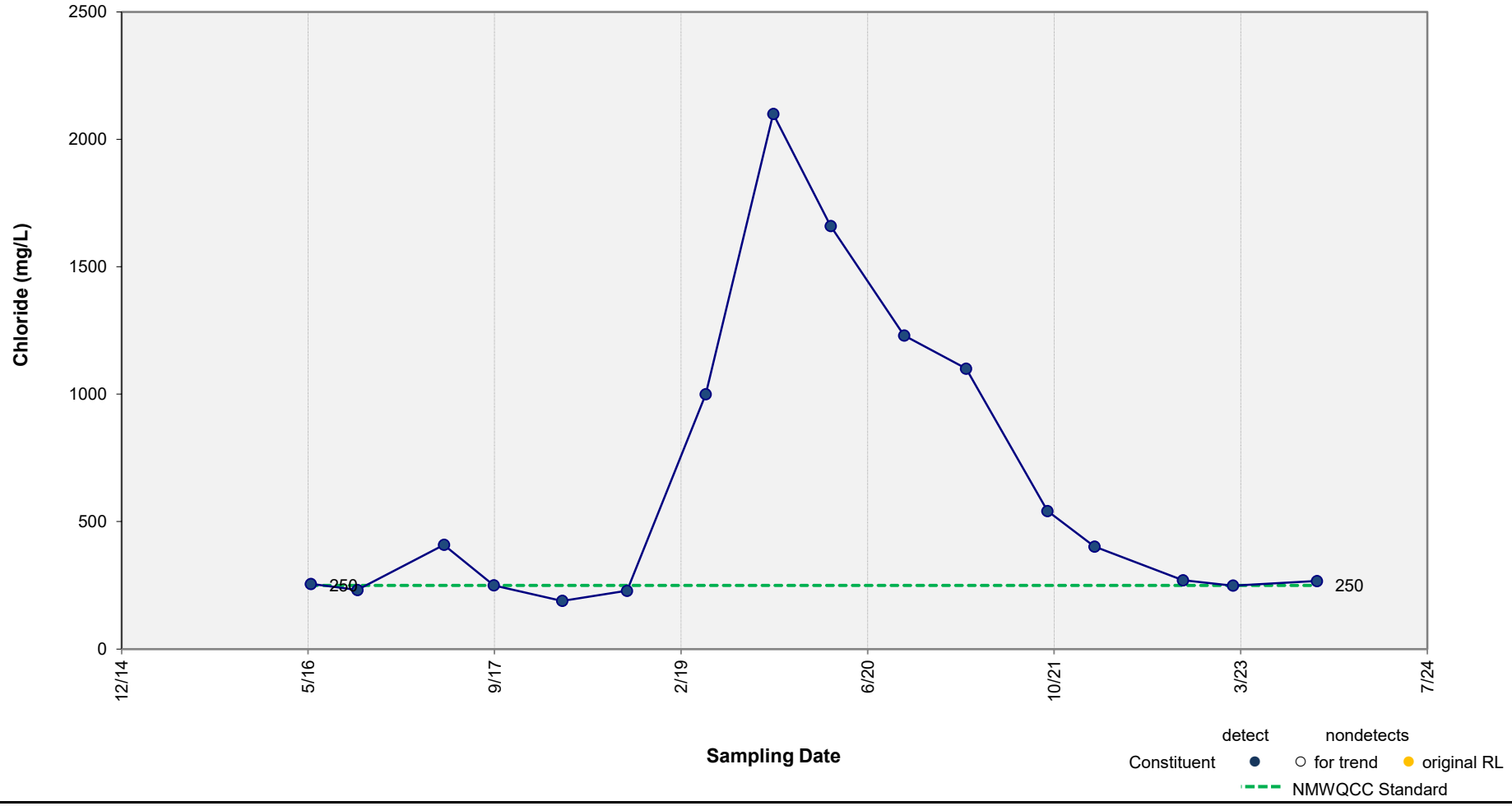
p value = 0.130 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW085SA

Eunice North

Figure G-17



Results of Mann-Kendall Test for Trend:

Variable

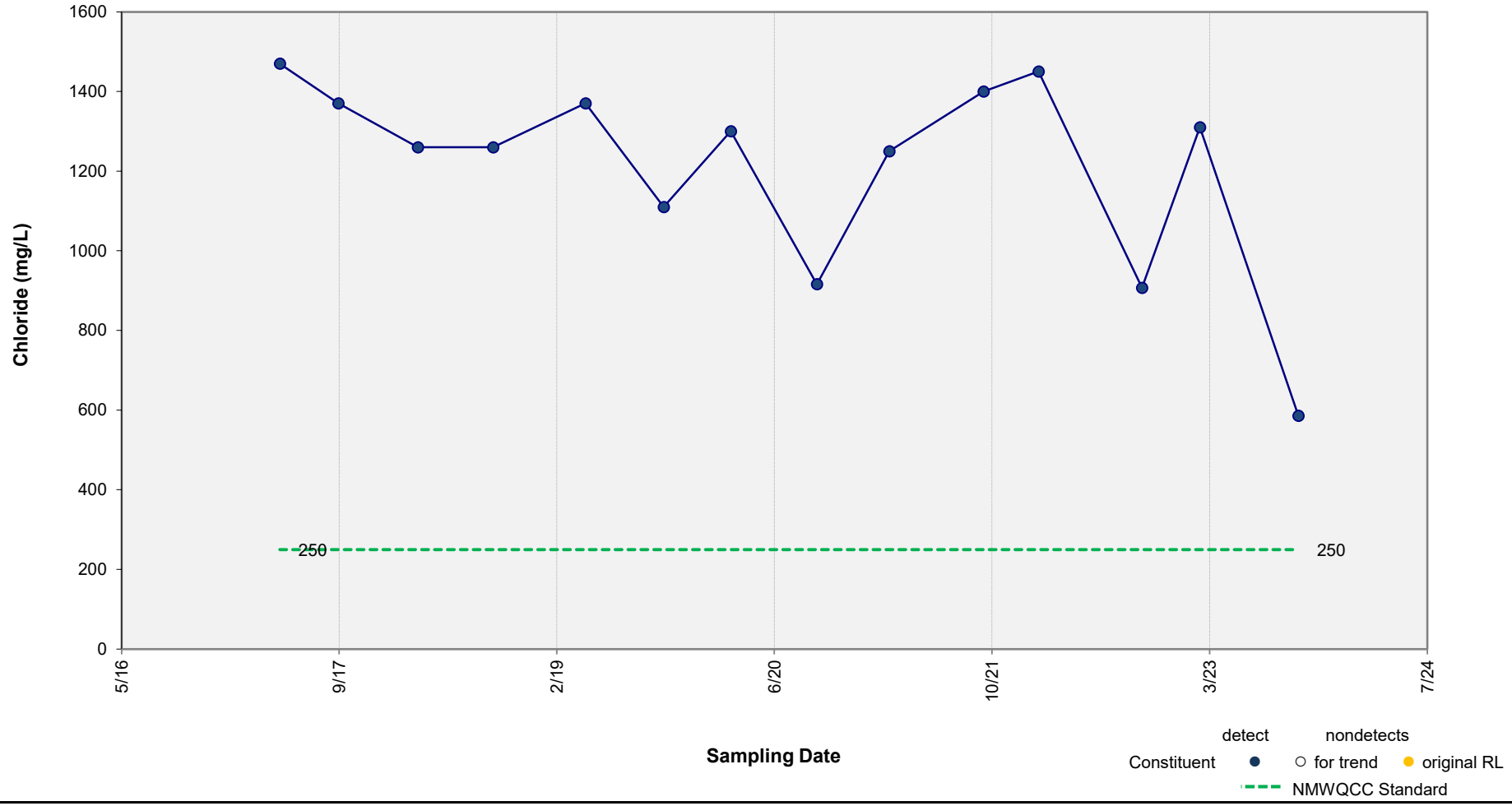
p value = 0.411 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW073SA

Eunice North

Figure G-18



Results of Mann-Kendall Test for Trend: **Decreasing Trend**

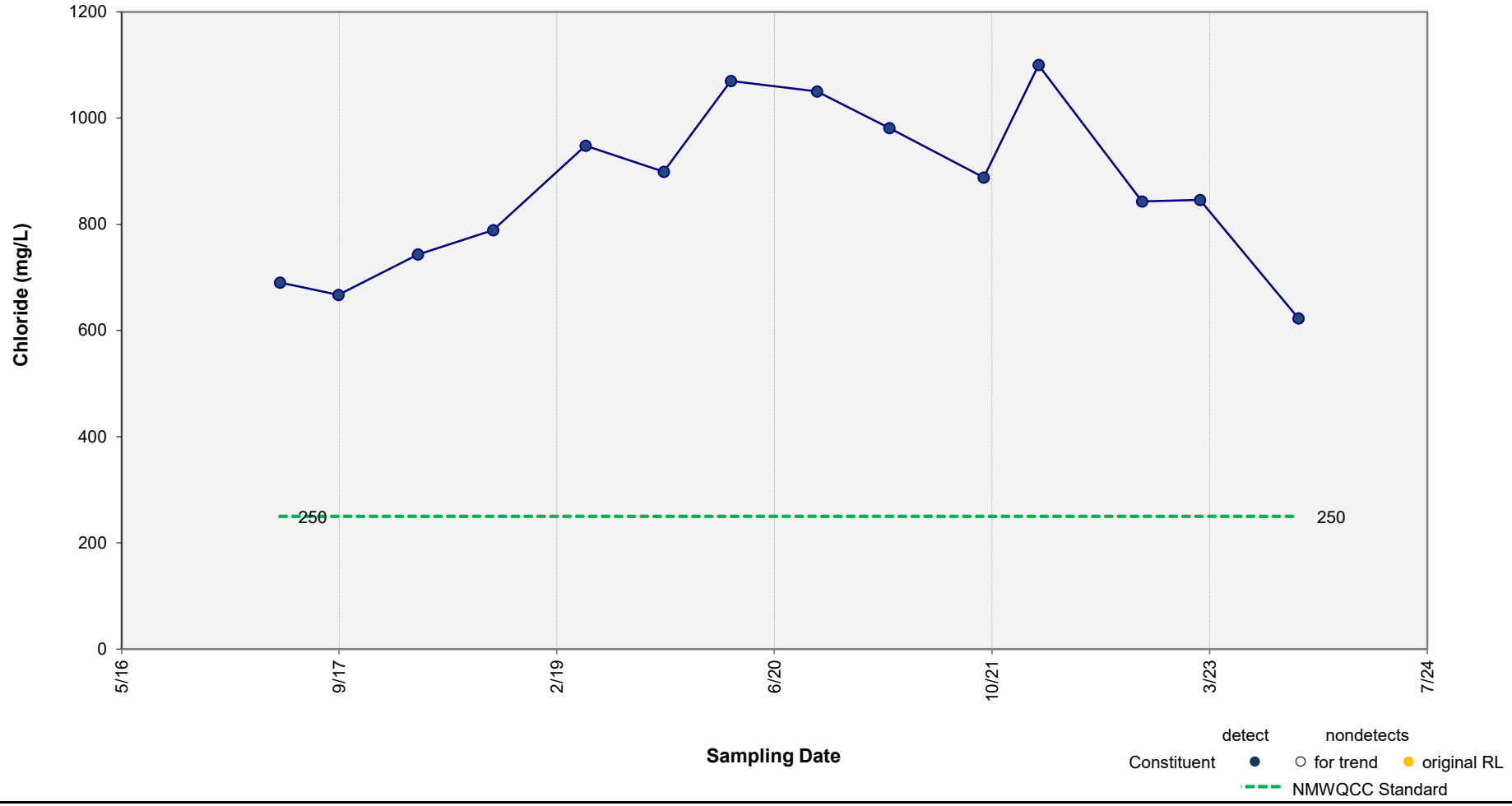
p value = 0.077 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW086SA (since 2017)

Eunice North

Figure G-19



Results of Mann-Kendall Test for Trend: **Stable**

p value = 0.191 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW100

Eunice North

Figure G-20

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (417/433) CHLORIDE CONCENTRATION/DUPLICATE RESULT IN MILLIGRAMS PER LITER (mg/L)
- CHLORIDE ISOCONCENTRATION CONTOUR (mg/L; DASHED WHERE INFERRED)
  - >250
  - >500
  - >1,000
  - >3,000
- NS NOT SAMPLED

NOTES:

1. MAP PROJECTED TO NAD83 NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, FEET.
2. AERIAL IMAGERY PROVIDED BY USGS EARTH EXPLORER, ACCESSED APRIL 2016.
3. WELLS SURVEYED DECEMBER 2002 BY PIPER SURVEYING COMPANY. NAD83 NM S.P. EAST, FEET.
4. SITE FEATURES PROVIDED BY CRA.
5. WELLS SAMPLED OCTOBER 3 THROUGH 6, 2023.
6. ONLY DATA COLLECTED IN FALL 2023 ARE POSTED. CONTOURS ARE BASED ON HISTORICAL DATA DATING BACK TO 2017 WHERE CURRENT DATA ARE NOT AVAILABLE.

- Increasing Trend
- Decreasing Trend
- No Statistically Significant Trend
- Well Selected for Mann-Kendall Trend Analysis

CONTINENTAL ROAD
6th STREET
NORTH 20th STREET
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
MAIN STREET (STATE LOOP 207)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET
TEAGUE (NS)

N

0 300' 600'
GRAPHIC SCALE

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

CHLORIDE 2023 MANN-KENDALL TREND SUMMARY

ARCADIS

FIGURE
G-21

C:\Users\ari0007\1\DOCACCDocs\Arcadis ACC US\AUS-99999999-CHEV_FORMER EUNICE NORTH GAS_EUNICE_NM_bugged\Project Files\10_WIP\10T_ARC_ENV\2024\01-DWG\GWM-2023Q1-F05-CHLORIDE FALL.dwg LAYOUT: 5 SAVED: 2/27/2024 11:38 AM ACADVER: 24.2S (LMS TECH) PAGESETUP:
---- PLOTSTYLETABLE: ---- PLOTTED: 2/27/2024 11:39 AM BY: R. ANITA
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 323115

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 323115
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Review of the 2023 Annual GW Monitoring Report for Former Eunice North Gas Plant: Content Satisfactory 1. Accepted for the Record. 2. Continue implementing ST2 AP as prescribed and conduct groundwater monitoring semi-annually. 3. Submit the 2024 Annual GW Report by April 1, 2025.	4/30/2024