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REVIEWED
By Nelson Velez at 11:47 am, Apr 10, 2023

March 14, 2023

Review of 2022 Annual GW Monitoring Report: **Content satisfactory**
1. Accepted for the record. Please refer to OCD approved Stage 2 Abatement Plan under application ID 157671 for most updated information.
2. Submit the Annual Groundwater Monitoring Report to OCD no later than April 1, 2024.

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

Re: Former Eunice North Gas Plant
2022 Annual Groundwater Monitoring Report
Eunice, Lea County, New Mexico

Dear Mr. Velez,

Please find enclosed the 2022 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

ARCADIS

Chevron Environmental Management Company

2022 ANNUAL GROUNDWATER MONITORING REPORT

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

14 March 2023

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2022 ANNUAL GROUNDWATER MONITORING REPORT

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

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Prepared for:
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Our Ref.:
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Date:
March 14, 2023

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ACRONYMS AND ABBREVIATIONS

amsl -	above mean sea level
Arcadis -	Arcadis U.S., Inc.
BTEX -	benzene, toluene, ethylbenzene, and xylenes
CV -	coefficient of variation
DRO -	diesel-range organics
Ft/ft -	foot per foot
GRO -	gasoline-range organics
HS -	HydraSleeve™
LNAPL -	light nonaqueous phase liquid
mg/L -	milligram 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 2022 Annual Groundwater Monitoring Report (report) to summarize semiannual groundwater monitoring activities conducted in 2022 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 2022.

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 based on the Public Land Survey System. 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 during the second 2020 semiannual event. The spring monitoring event included sampling and gauging 80 wells and the fall event included a reduced set of 32 wells. Well locations and sampling frequency are shown on **Figure 2**. **Table 1** presents a summary of 2022 groundwater monitoring activities. Arcadis performed semiannual groundwater sampling events February 14 through 21 and October 11 and 12, 2022.

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 2022 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 of the spring 2022 elevations is shown on **Figure 3**. During the spring event, two wells (MW044 and MW078SA) were not accessible for gauging (**Table 1**). During the fall event, one well (MW078SA) was not accessible for gauging. Historical groundwater elevations are presented in **Appendix C**. Data collected during the 2022 semiannual monitoring events indicate the following:

- Groundwater elevations ranged from 3,351.88 feet above mean sea level (amsl; well MW072SA) to 3,382.22 feet amsl (well MW099) during the February 2022 semiannual gauging event.
- Groundwater elevation ranged from 3,352.28 feet amsl (well MW086SA) to 3,385.91 feet amsl (well MW007A) during the October 2022 semiannual gauging event.
- Groundwater elevations during the 2022 period appear to be consistent with historical levels, with groundwater flow to the northeast.
- Groundwater elevation data for the 2022 sampling events are presented in **Table 2**, with historical elevation data provided in **Appendix C**. The annual groundwater potentiometric surface map for February 2022 is shown on **Figure 3**.
- The calculated average gradient is approximately 0.0087 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.

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- LNAPL was measured in MW006 during the fall monitoring event at a thickness of approximately 0.10 foot in 2022. LNAPL has been intermittently measured in well MW006 since 2012, with thicknesses ranging from sheen observations to approximately 3.55 feet. Well 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 wells MW005 and MW006 since the excavation, and unspecified LNAPL remediation and recovery was performed from 2004 to 2011.

2.3 Groundwater Analytical Results

In 2022, groundwater samples were collected from 77 wells during the spring monitoring event and from 30 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, three wells were not sampled that were included in the sampling plan (**Table 1**), for the following reasons:

- *Well MW006*. LNAPL was present in the monitoring well during spring and fall.
- *Well MW078SA*. This monitoring well was inaccessible or had insufficient water to sample.
- *Well MW044*. The monitoring well was buried and inaccessible.

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 2022 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 2022 monitoring event and two locations during the fall 2022 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 2022 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**.

2.3.2 Chloride and Total Dissolved Solids

Groundwater samples collected from 77 wells during the spring monitoring event and from 30 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 2022 monitoring events, respectively. Results are summarized as follows:

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- *Chloride.* The WQCC standard of 250 milligrams per liter (mg/L) was exceeded at 66 of 77 well locations, with a maximum concentration of 15,700 mg/L (well MW069) in spring 2022. The WQCC standard was exceeded at 26 of 30 locations with a maximum concentration of 8,330 mg/L (well MW069) in fall 2022.
- *TDS.* The WQCC standard of 1,000 mg/L was exceeded at 69 of 77 well locations, with a maximum concentration of 14,300 mg/L (well MW069) in spring 2022. The WQCC standard was exceeded at 29 of 30 locations with a maximum concentration of 17,000 mg/L (well MW069) in fall 2022.

Results for the spring and fall 2022 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 77 well locations in spring 2022 and 30 well locations in fall 2022 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 51 of 77 well locations in spring 2022, with a maximum concentration of 0.066 mg/L (well MW037). The WQCC standard was exceeded at 20 of 30 well locations in fall 2022, with a maximum concentration of 0.0193 mg/L (well MW067SA).
- *Dissolved total chromium*. The WQCC standard of 0.05 mg/L was exceeded in 31 of 77 well locations, with a maximum concentration of 3.90 mg/L (well MW058) in spring 2022. The WQCC standard was exceeded at 12 of 30 well locations, with a maximum concentration of 4.06 mg/L (well MW095) in fall 2022. **Figures 6** and **7** show dissolved chromium isoconcentrations during the spring and fall 2022 events, respectively.
- *Dissolved hexavalent chromium*. The WQCC standard of 0.05 mg/L was exceeded in 31 of 77 well locations, with a maximum concentration of 3.43 mg/L (well MW058) in spring 2022. The WQCC standard was exceeded at 11 of 30 well locations, with a maximum concentration of 3.36 mg/L (well MW023) in fall 2022. **Figures 8** and **9** show dissolved hexavalent chromium isoconcentrations during the spring and fall 2022 events, respectively.
- *Dissolved iron*. The WQCC standard of 1 mg/L was exceeded in 9 of 77 well locations, with a maximum concentration of 75.0 mg/L (well MW008M) in spring 2022. The WQCC standard was not exceeded during the fall 2022 monitoring event.
- *Dissolved manganese*. The WQCC standard of 0.2 mg/L was exceeded in 14 of 77 well locations, with a maximum concentration of 7.98 mg/L (well IW010) in spring 2022. The WQCC standard was exceeded at 4 of 30 well locations, with a maximum concentration of 2.55 mg/L (well MW068) in fall 2022.

Analytical results for the spring and fall 2022 sampling events are presented in **Tables 7** and **8**, respectively. Historical results are provided in **Appendices E** and **F**.

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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 well MW094, located at the southwestern plume fringe, has had dissolved chromium concentrations that have ranged between 0.316 mg/L (February 2022) 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.
    - Well 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 concentration trends for MW058 are provided in **Appendix G**, **Figure G-2**. All concentrations since HS sampling began in spring 2016 have exceeded the NMWQCC groundwater standard for dissolved chromium.
    - Well MW013 dissolved chromium concentrations have remained stable between 0.465 mg/L (October 2022) and 2.54 mg/L (April 2019). The concentration trends for MW013 are provided in **Appendix G**,

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Figure G-3. All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard for dissolved chromium.

- Eastern plume (downgradient; offsite):
  - Well MW041A concentrations have remained stable between 0.189 mg/L (May 2016) and 0.213 mg/L (March 2021). The concentration trends for well MW041A are provided in **Appendix G**, **Figure G-4**. All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard for dissolved chromium.
  - Well 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 well MW051SA are provided in **Appendix G**, **Figure G-5**. All concentrations since May 2017 have exceeded the NMWQCC groundwater standard for dissolved chromium.
  - In well 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 indicate a statistically significant increasing trend. The concentration trends for well 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 2022).
  - In well MW086SA, located downgradient of the historical injection transect, dissolved chromium concentrations have ranged between 0.0277 mg/L (September 2020) 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 0.287. The concentration trends for well 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 well MW094 and may potentially be migrating downgradient within the existing plume to the areas represented by wells MW058 and MW013 given the direction of groundwater flow. Concentrations are remaining stable near MW041A and decreasing at local hotspots (well MW051SA) within the plume core, downgradient of the Site. Increasing chromium concentrations at the leading edge (well MW085SA) may indicate a natural plume progression and potential rebound especially because no active treatment is implemented at this time. 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:

- Western and southern plumes (offsite):
  - In well 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

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variable, but concentrations appear to have stabilized since increasing in April 2019. The concentration trends for well MW069 are provided in **Appendix G**, **Figure G-9**. All concentrations have exceeded the NMWQCC groundwater standard for chloride.

- Well 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 well MW094 are provided in **Appendix G**, **Figure G-10**. All results since HS sampling began have exceeded the NMWQCC groundwater standard for chloride.
- Well MW032, located on the southern-most plume fringe, chloride concentrations ranged between 231 mg/L (May 2016) and 430 mg/L (October 2022). The concentration trends for well MW032 are provided in **Appendix G**, **Figure G-11**. Chloride concentrations indicate a statistically significant increasing trend over the analysis period.
- Well MW058 chloride concentrations have remained stable between 995 J mg/L (May 2017) and 1,330 mg/L (March 2021). The concentration trends for well MW058 are provided in **Appendix G**, **Figure G-12.** All concentrations since HS sampling began have exceeded the NMWQCC groundwater standard chloride.
- Well MW013 chloride concentrations have ranged between 255 mg/L (September 2017) and 978 mg/L (March 2021), and do not indicate a statistically significant trend. The concentration trends for well MW013 are provided in **Appendix G**, **Figure G-13**. All results have exceeded the NMWQCC groundwater standard for chloride.

- Onsite plume:
  - Well MW047 chloride concentrations were between 162 mg/L (October 2022) and 604 J mg/L (February 2022) and indicate a statistically significant decreasing trend. The concentration trends for well MW047 are provided in **Appendix G**, **Figure G-14**.
- Eastern plume (offsite):
  - Well MW041A chloride concentrations have remained stable between 377 mg/L (September 2017) and 488 mg/L (October 2019). The concentration trends for well MW041A are provided in **Appendix G**, **Figure G-15**. All results have exceeded the NMWQCC groundwater standard for chloride.
  - Well MW051SA chloride concentrations do not have a statistically significant trend and have ranged between 1,030 mg/L (March 2020) and 1,360 mg/L (April 2018). The concentration trends for well MW051SA are provided in **Appendix G**, **Figure G-16**. All results since HS sampling began have exceeded the NMWQCC groundwater standard for chloride.
  - In well MW085SA, located just upgradient of the historical injection well transect, chloride concentrations have ranged from 1,070 mg/L (March 2021) 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 well MW085SA are provided in **Appendix G**, **Figure G-17**. All concentrations have exceeded the NMWQCC groundwater standard for chloride.

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- In well 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 well MW073SA are provided in **Appendix G**, **Figure G-18**. Chloride concentrations have exceeded the NMWQCC groundwater standard since September 2018.
- Well MW086SA chloride concentrations have ranged between 907 mg/L (October 2022) and 1,470 mg/L (May 2017). The chloride concentrations have been analyzed using Mann-Kendall analysis since May 2017. Analysis does not indicate a statistically significant trend. The concentration trends for well MW086SA are provided in **Appendix G**, **Figure G-19**. All concentrations have exceeded the NMWQCC groundwater standard for chloride.
- Well MW100, located on the northern-most downgradient plume fringe, chloride concentrations have ranged from 667 J mg/L (September 2017) and 1,100 mg/L (February 2022). Mann-Kendall trend analysis indicates a statistically significant increasing trend. The concentration trends for well 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 well 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 well 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. No statistically significant trends near the leading edge of the plume at well MW086SA or the southeastern edge (well MW073SA) but increasing trends at the northern edge (well MW100) 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 2022 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 an increasing trend seen along the leading edge of the plume (well MW085SA). Concentration trends for the chloride plume indicate that the central and onsite plume area is decreasing, although chloride concentrations along the southern plume fringe and the northern and southern portions of the leading edge are increasing. 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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TABLES

Table 1
Summary of 2022 Groundwater Monitoring
2022 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/--	DUP04/--
IW024	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW001	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	x/--	
MW002A	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP08/--
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)	LNAPL
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	
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	-/DUP-1
MW044	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	(x)/--	No access -- well buried under road
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	DUP07/ DUP-3
MW048SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW049SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	DUP03/--
MW050SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
MW051SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	DUP02/--
MW052SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW053SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	--/DUP-2
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/--	DUP06/--
MW060	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW061	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	DUP01/--
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	Obstruction in well / sampled 1Q/4Q2022
MW068	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	
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/--	

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Table 1
Summary of 2022 Groundwater Monitoring
2022 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
MW072SA	x/--	x/--	--/--	--/--	--/--	x/--	x/--	x/--	x/--	
MW073SA	x/x	x/x	--/--	--/--	--/--	x/x	x/x	x/x	x/x	partial obstruction
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)	obstruction in well / Insufficient water for sample
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	DUP05/
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
2022 Groundwater Elevations
2022 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	2/17/2022	3406.68	45.65	NM	NA	3361.03
IW008	2/16/2022	3405.37	45.36	NM	NA	3360.01
IW010	2/16/2022	3405.82	52.75	NM	NA	3353.07
IW019	2/21/2022	3423.78	45.98	NM	NA	3377.80
IW023	2/18/2022	3426.05	46.73	NM	NA	3379.32
IW024	2/14/2022	3426.63	46.50	NM	NA	3380.13
MW001	2/15/2022	3428.57	46.60	NM	NA	3381.97
MW002A	2/15/2022	3432.30	51.22	NM	NA	3381.08
MW004A	2/14/2022	3423.57	43.90	NM	NA	3379.67
MW006	2/15/2022	3425.26	45.33	45.20	0.13	3380.03
MW006	10/12/2022	3425.26	45.57	45.47	0.10	3379.77
MW007A	2/14/2022	3428.13	46.85	NM	NA	3381.28
MW007A	10/12/2022	3428.13	42.22	NM	NA	3385.91
MW008M	2/15/2022	3427.95	48.80	NM	NA	3379.15
MW010	2/14/2022	3419.42	38.36	NM	NA	3381.06
MW011A	2/15/2022	3431.77	49.86	NM	NA	3381.91
MW011A	10/11/2022	3431.77	50.36	NM	NA	3381.41
MW012M	2/14/2022	3430.06	48.08	NM	NA	3381.98
MW013	2/14/2022	3423.11	42.35	NM	NA	3380.76
MW013	10/12/2022	3423.11	42.69	NM	NA	3380.42
MW015A	2/14/2022	3420.55	38.43	NM	NA	3382.12
MW015A	10/12/2022	3420.55	38.84	NM	NA	3381.71
MW016A	2/14/2022	3419.92	38.15	NM	NA	3381.77
MW016A	10/12/2022	3419.92	38.75	NM	NA	3381.17
MW018	2/18/2022	3417.15	36.24	NM	NA	3380.91
MW018	10/12/2022	3417.15	36.80	NM	NA	3380.35
MW019A	2/18/2022	3414.74	36.50	NM	NA	3378.24
MW020A	2/18/2022	3421.14	42.49	NM	NA	3378.65
MW021A	2/16/2022	3422.94	46.10	NM	NA	3376.84
MW023	2/21/2022	3436.44	60.61	NM	NA	3375.83
MW023	10/11/2022	3436.44	55.09	NM	NA	3381.35
MW024A	2/18/2022	3430.77	50.78	NM	NA	3379.99
MW026	2/14/2022	3432.04	50.05	NM	NA	3381.99
MW027	2/14/2022	3443.33	62.20	NM	NA	3381.13
MW030	2/21/2022	3439.84	58.73	NM	NA	3381.11
MW031	2/21/2022	3440.68	60.31	NM	NA	3380.37
MW032	2/14/2022	3442.22	60.60	NM	NA	3381.62
MW032	10/11/2022	3442.22	60.93	NM	NA	3381.29
MW037	2/15/2022	3423.71	44.12	NM	NA	3379.59
MW040A	2/14/2022	3422.92	41.23	NM	NA	3381.69
MW041A	2/17/2022	3418.42	41.42	NM	NA	3377.00
MW043	2/21/2022	3423.57	45.66	NM	NA	3377.91
MW043	10/12/2022	3423.57	45.79	NM	NA	3377.78
MW045	2/14/2022	3425.53	46.63	NM	NA	3378.90
MW046A	2/14/2022	3426.45	46.23	NM	NA	3380.22

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Table 2
2022 Groundwater Elevations
2022 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	10/12/2022	3426.45	46.48	NM	NA	3379.97
MW047	2/15/2022	3427.65	46.60	NM	NA	3381.05
MW047	10/12/2022	3427.65	46.94	NM	NA	3380.71
MW048SA	2/17/2022	3421.10	44.61	NM	NA	3376.49
MW049SA	2/17/2022	3422.46	47.86	NM	NA	3374.60
MW049SA	10/12/2022	3422.46	49.16	NM	NA	3373.30
MW050SA	2/16/2022	3419.31	44.54	NM	NA	3374.77
MW050SA	10/12/2022	3419.31	44.84	NM	NA	3374.47
MW051SA	2/17/2022	3415.42	43.38	NM	NA	3372.04
MW052SA	2/17/2022	3415.23	45.62	NM	NA	3369.61
MW053SA	2/21/2022	3413.86	41.68	NM	NA	3372.18
MW053SA	10/12/2022	3413.86	41.21	NM	NA	NM
MW054SA	2/17/2022	3411.38	45.86	NM	NA	3365.52
MW054SA	10/12/2022	3411.38	45.08	NM	NA	3366.30
MW055SA	2/16/2022	3407.43	41.05	NM	NA	3366.38
MW056SA	2/16/2022	3410.71	42.53	NM	NA	3368.18
MW056SA	10/11/2022	3410.71	42.65	NM	NA	3368.06
MW057SA	2/16/2022	3417.74	45.61	NM	NA	3372.13
MW057SA	10/11/2022	3417.74	45.74	NM	NA	3372.00
MW058	2/21/2022	3437.13	56.08	NM	NA	3381.05
MW059	2/21/2022	3442.24	61.31	NM	NA	3380.93
MW060	2/18/2022	3437.70	55.87	NM	NA	3381.83
MW061	2/14/2022	3439.86	55.65	NM	NA	3384.21
MW061	10/11/2022	3439.86	55.54	NM	NA	3384.32
MW062A	2/18/2022	3434.19	55.00	NM	NA	3379.19
MW063A	2/21/2022	3435.22	55.63	NM	NA	3379.59
MW065SA	2/15/2022	3402.96	49.95	NM	NA	3353.01
MW066SA	2/16/2022	3404.03	47.54	NM	NA	3356.49
MW067SA	2/17/2022	3409.16	45.96	NM	NA	3363.20
MW067SA	10/12/2022	3409.16	46.87	NM	NA	3362.29
MW068	2/14/2022	3448.08	66.59	NM	NA	3381.49
MW068	10/11/2022	3448.08	66.91	NM	NA	3381.17
MW069	2/21/2022	3444.07	62.02	NM	NA	3382.05
MW069	10/11/2022	3444.07	62.85	NM	NA	3381.22
MW070	2/21/2022	3439.68	58.82	NM	NA	3380.86
MW070	10/11/2022	3439.68	58.54	NM	NA	3381.14
MW071SA	2/15/2022	3401.01	48.67	NM	NA	3352.34
MW072SA	2/16/2022	3401.34	49.46	NM	NA	3351.88
MW073SA	2/16/2022	3403.26	47.14	NM	NA	3356.12
MW073SA	10/11/2022	3403.26	47.12	NM	NA	3356.14
MW074SA	2/16/2022	3409.97	47.53	NM	NA	3362.44
MW075SA	2/15/2022	3404.21	50.99	NM	NA	3353.22
MW075SA	10/11/2022	3404.21	49.34	NM	NA	3354.87
MW076SA	2/15/2022	3404.13	50.99	NM	NA	3353.14
MW078SA	2/18/2022	3411.12	--	NM	NA	NM

Table 2
2022 Groundwater Elevations
2022 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	10/12/2022	3411.12	--	NM	NA	NM
MW079SA	2/17/2022	3408.80	46.10	NM	NA	3362.70
MW084SA	2/15/2022	3405.98	49.90	NM	NA	3356.08
MW084SA	10/11/2022	3405.98	50.07	NM	NA	3355.91
MW085SA	2/16/2022	3405.98	50.34	NM	NA	3355.64
MW085SA	10/11/2022	3405.98	50.47	NM	NA	3355.51
MW086SA	2/15/2022	3401.86	49.46	NM	NA	3352.40
MW086SA	10/11/2022	3401.86	49.58	NM	NA	3352.28
MW087A	2/15/2022	3430.75	49.20	NM	NA	3381.55
MW088M	2/14/2022	3430.27	48.55	NM	NA	3381.72
MW089SA	2/21/2022	3428.09	47.84	NM	NA	3380.25
MW090SA	2/21/2022	3428.33	48.17	NM	NA	3380.16
MW093SA	2/18/2022	3422.72	43.80	NM	NA	3378.92
MW093SA	10/12/2022	3422.72	44.01	NM	NA	3378.71
MW094	2/16/2022	3443.15	62.59	NM	NA	3380.56
MW095	2/14/2022	3436.13	54.48	NM	NA	3381.65
MW095	10/11/2022	3436.13	54.46	NM	NA	3381.67
MW097P	2/14/2022	NM	46.55	NM	NA	NM
MW099	2/21/2022	3444.76	62.54	NM	NA	3382.22
MW100	2/15/2022	3406.49	52.38	NM	NA	3354.11
MW100	10/11/2022	3406.49	52.47	NM	NA	3354.02

Notes:

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 2022 Field Parameters
2022 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	2/17/2022	12.38	-14	7.56	0.00338	15.96	15.4
IW008	2/16/2022	50.00	-54	7.70	0.00370	18.99	32.0
IW010	2/16/2022	32.01	-56	7.00	0.00530	18.62	21.5
IW019	2/21/2022	18.55	72	7.01	0.00409	20.32	1.8
IW023	2/18/2022	7.04	237	6.65	0.00395	13.72	45.5
IW024	2/21/2022	2.73	95	6.45	0.00544	17.50	37.5
MW001	2/21/2022	4.10	5	6.92	0.00310	19.39	201
MW002A	2/21/2022	1.17	-18	7.46	0.00536	20.25	36.8
MW004A	2/21/2022	5.15	192	5.49	0.00359	14.83	0.00
MW006	2/21/2022	1.04	-41	7.59	0.00216	20.70	0.00
MW007A	2/21/2022	2.09	-123	7.47	0.00450	18.98	0.00
MW008M	2/21/2022	1.55	-178	6.84	0.00678	20.10	263
MW010	2/18/2022	3.04	147	5.82	0.00583	11.76	1.7
MW011A	2/21/2022	1.04	-41	7.59	0.00216	20.70	0.00
MW012M	2/18/2022	2.88	-201	6.70	0.00571	14.23	26.1
MW013	2/16/2022	3.33	249	7.23	0.00367	24.11	0.00
MW015A	2/18/2022	2.95	-150	6.42	0.01240	11.77	125
MW016A	2/18/2022	4.99	89	6.50	0.00235	13.35	0.00
MW018	2/18/2022	5.22	143	7.01	0.00156	17.85	19.7
MW019A	2/18/2022	8.32	118	7.02	0.00154	16.69	9.2
MW020A	2/18/2022	7.74	78	7.70	0.00358	15.30	8.2
MW021A	2/16/2022	12.68	151	7.60	0.00826	22.33	0.00
MW023	2/21/2022	28.05	175	7.11	0.00429	18.28	7.9
MW024A	2/18/2022	3.17	155	7.70	0.00377	17.99	2.1
MW026	2/16/2022	3.22	202	6.81	0.000040	21.83	0.00
MW027	2/15/2022	1.31	0.00	6.91	0.00204	23.68	50.0
MW030	2/21/2022	20.22	143	7.06	0.00106	18.84	10.7
MW031	2/21/2022	20.11	-53	7.14	0.00107	20.00	3.2
MW032	2/16/2022	3.22	178	7.27	0.00191	21.83	0.00
MW037	2/21/2022	3.90	-83	7.01	0.00200	18.81	3.90
MW040A	2/16/2022	16.78	255	7.83	0.000712	23.21	0.00
MW041A	2/17/2022	3.22	192	7.03	0.00232	17.50	7.7
MW043	2/21/2022	20.22	9	7.77	0.00310	20.66	15.2
MW045	2/21/2022	1.42	-92	7.47	0.00194	18.93	1000
MW046A	2/21/2022	1.74	-10	7.52	0.00457	19.03	268
MW047	2/21/2022	3.44	78	7.47	0.00271	18.47	30.7
MW048SA	2/17/2022	12.22	129	7.05	0.00463	15.63	14.2
MW049SA	2/17/2022	3.26	179	7.20	0.00328	17.01	114
MW050SA	2/16/2022	11.81	112	7.51	0.00465	22.18	0.00
MW051SA	2/17/2022	4.80	210	6.01	0.00447	13.55	36.3
MW052SA	2/17/2022	9.23	109	7.08	0.00508	16.16	44.8
MW053SA	2/21/2022	14.68	94	7.08	0.00275	19.57	14.2
MW054SA	2/17/2022	4.96	68	7.12	0.00340	16.12	17.5
MW055SA	2/16/2022	50.00	110	7.24	0.00295	21.02	1.9

Table 3
Spring 2022 Field Parameters
2022 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
MW056SA	2/16/2022	37.65	127	7.15	0.00465	21.18	25.6
MW057SA	2/16/2022	14.52	130	7.70	0.00190	21.74	5.8
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
MW062A	2/18/2022	3.19	131	7.30	0.000703	18.67	1.9
MW065SA	2/15/2022	7.64	13	7.20	0.00418	20.56	12.3
MW066SA	2/16/2022	50.00	30	7.99	0.00360	20.24	37.0
MW067SA	2/17/2022	5.62	164	7.53	0.00165	14.17	29.5
MW068	2/16/2022	1.85	175	6.82	0.02130	22.64	0.00
MW069	2/21/2022	30.99	62	6.56	0.01880	20.21	800
MW070	2/21/2022	21.59	46	7.09	0.00179	19.09	28.6
MW071SA	2/15/2022	24.13	15	7.51	0.00172	21.19	41.7
MW072SA	2/16/2022	50.00	81	7.07	0.00179	20.58	185
MW073SA	2/16/2022	50.00	56	7.12	0.00360	20.94	37.0
MW074SA	2/16/2022	18.16	124	7.66	0.00360	20.70	17.9
MW075SA	2/15/2022	6.32	92	7.57	0.00308	22.36	15.0
MW076SA	2/15/2022	50.00	68	7.30	0.00322	21.84	20.4
MW079SA	2/17/2022	3.01	187	7.40	0.00200	13.73	18.0
MW084SA	2/15/2022	4.60	103	7.29	0.00432	22.24	19.2
MW085SA	2/16/2022	34.58	172	6.41	0.00587	17.42	24.7
MW086SA	2/15/2022	9.90	-32	6.80	0.00471	20.55	17.6
MW087SA	2/21/2022	1.21	-204	7.08	0.00555	20.15	8.3
MW088M	2/18/2022	2.47	-206	7.13	0.00467	15.02	4.8
MW089SA	2/21/2022	3.82	95	7.30	0.00402	18.94	0.00
MW090SA	2/21/2022	4.49	79	7.15	0.00359	17.04	14.4
MW093SA	2/18/2022	5.00	503	6.65	0.00440	15.61	18.6
MW094	2/16/2022	8.59	200	7.70	0.00406	23.49	0.00
MW095	2/18/2022	1.10	-25	7.35	0.00549	17.42	0.00
MW097	2/21/2022	1.30	-18	7.47	0.00508	18.74	0.00
MW099	2/21/2022	16.64	-60	7.23	0.000814	19.32	6.4
MW100	2/15/2022	50.00	18	6.42	0.00283	20.22	28.9

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

Table 4
Fall 2022 Field Parameters
2022 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	µS/cm	°C	NTU
MW006	10/11/2022	--	--	--	--	--	--
MW007A	10/11/2022	0.95	-144	7.05	4.42	21.88	0.00
MW011A	10/11/2022	1.35	7	5.84	2.15	18.32	0.00
MW013	10/11/2022	4.94	-15	6.85	4.97	22.06	0.00
MW015A	10/11/2022	0.06	-2	6.30	3.13	20.49	0.00
MW016A	10/11/2022	4.60	-38	6.20	2.62	19.40	0.00
MW018	10/11/2022	6.10	30	5.83	1.79	18.20	0.00
MW023	10/11/2022	5.83	-35	7.38	4.69	25.27	0.00
MW032	10/11/2022	5.25	-8	6.25	2.55	19.21	0.00
MW043	10/12/2022	1.80	9	6.44	3.60	19.70	10.30
MW046A	10/11/2022	0.76	-32	7.14	4.39	24.37	97.70
MW047	10/11/2022	4.46	-45	7.23	2.51	23.18	0.00
MW049SA	10/12/2022	3.80	147	7.10	5.01	20.72	333.00
MW050SA	10/12/2022	1.24	106	6.81	5.00	19.31	0.00
MW053SA	10/12/2022	8.20	151	7.16	3.12	20.20	29.70
MW054SA	10/12/2022	3.48	144	7.09	3.48	19.74	14.9
MW056SA	10/11/2022	1.67	141	7.61	4.29	21.89	17.70
MW057SA	10/11/2022	2.78	124.0	7.87	2.06	22.34	0.00
MW061	10/11/2022	1.06	-28	6.39	5.25	19.95	2.00
MW067SA	10/12/2022	4.35	115	7.35	1.64	19.60	13.40
MW068	10/11/2022	0.05	-78	6.32	22.70	20.50	66.80
MW069	10/11/2022	0.31	-43	6.67	15.0	22.76	0.00
MW070	10/11/2022	2.31	-40	7.54	2.22	25.95	1.70
MW073SA	10/11/2022	1.41	124	7.83	1.95	21.17	0.00
MW075SA	10/11/2022	3.12	121	7.50	3.19	19.16	0.30
MW078SA	10/11/2022	--	--	--	--	--	--
MW084SA	10/11/2022	3.12	134	7.42	4.53	19.23	0.30
MW085SA	10/11/2022	0.93	128	7.50	5.63	19.43	0.00
MW086SA	10/11/2022	2.39	93	7.13	3.53	19.05	0.00
MW093SA	10/12/2022	1.92	149	7.08	5.01	21.34	60.50
MW095	10/11/2022	0.00	-20	7.01	6.46	22.45	0.00
MW100	10/11/2022	1.42	15	6.36	3.07	17.04	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

Released to Imaging: 4/10/2023 11:55:37 AM

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Table 5
Spring 2022 BTEX Analytical Data
2022 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	2/21/2022	REG	0.00200	U	0.00200	U	0.00200	U	0.00400	U	4.48	U	4.48	U
MW001	2/21/2022	REG	0.00200	U	0.00200	U	0.00200	U	0.00400	U	4.45	U	4.45	U
MW037	2/21/2022	REG	**0.000786**	**J**	0.00200	U	**0.0180**		0.00400	U	4.53	U	4.53	U
MW043	2/21/2022	REG	0.00200	R	0.00200	R	0.00200	R	0.00400	R	4.52	U	4.52	U
MW045	2/21/2022	REG	**0.00173**	J	0.00200	U	0.00200	U	0.00400	U	4.50	U	4.50	U
MW046A	2/21/2022	REG	0.00200	U	0.00200	U	0.00200	U	0.00400	U	4.46	U	4.46	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 applicab = analytes exceeding the NMWQCC Standard

Qualifiers:

J = estimated value

U = nondetect reported to Method Quantitation Limit

R = The sample results are rejected.

Released to Imaging: 4/10/2023 11:55:37 AM

Received by OCD: 3/29/2023 1:11:13 PM

Table 6
Fall 2022 BTEX Analytical Data
2022 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	10/12/2022	REG	0.00200	U	**0.000719**	**J**	0.00200	U	**0.00282**	**J**	4.56	U	4.56	U	4.56	U
MW043	10/12/2022	FD	0.00200	U	**0.000622**	**J**	0.00200	U	**0.00236**	**J**	4.56	U	4.56	U	4.56	U
MW046A	10/12/2022	REG	0.00200	U	**0.000432**	**J**	0.00200	U	0.00400	U	4.57	U	4.57	U	4.57	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 2022 Metals, Chloride, and Total Dissolved Solids Analytical Data
2022 Annual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

ARCADIS

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	
MW001	2/21/2022	REG	0.00173	J	0.00191	J	0.0100	U	0.100	U	1.22		3,110		221	
MW011A	2/21/2022	REG	0.0149		0.0375		0.0295		0.100	U	0.00650		1,440		72.4	
MW018	2/18/2022	REG	0.0103		0.00400	U	0.0100	U	0.100	U	0.000705	J	1,140		199	
MW026	2/16/2022	REG	0.00872		0.00400	U	0.0100	U	0.100	U	0.000447	J	836		96.5	
MW031	2/21/2022	REG	0.0478		0.00400	U	0.0100	U	1.25		0.817		825		157	
MW040A	2/16/2022	REG	0.0204		0.00233	J	0.00853	J	0.100	U	0.000274	J	516		59.2	
MW045	2/21/2022	REG	0.00231	J	0.0111		0.0100	U	0.237		0.157		1,130		26.0	
MW062A	2/18/2022	REG	0.0240		0.00201	J	0.422		0.100	U	0.000302	J	498		68.5	
MW063A	2/21/2022	REG	0.0265		0.00191	J	0.0100	U	0.0318	J	0.000398	J	454		25.6	J
MW067SA	2/17/2022	REG	0.0193		0.00400	U	0.0100	U	0.0785	J	0.00167	J	965		200	
MW099	2/21/2022	REG	0.00591		0.00400	U	0.0100	U	0.237		0.148		517		74.6	
IW003	2/17/2022	REG	0.0127		0.00463		0.0100	U	4.40		4.08		2,140		938	
IW008	2/16/2022	REG	0.00964		0.00453		0.0100	U	4.12		1.74		2,660		873	
IW010	2/16/2022	REG	0.00792		0.00231	J	0.0100	U	12.0		7.98		3,700		1,290	
IW019	2/21/2022	REG	0.0106		0.598		0.534		0.100	U	0.0391		3,650		1,090	
IW023	2/18/2022	REG	0.0105		0.333		0.317		0.100	U	0.000806	J	2,980		609	
IW023	2/18/2022	FD	0.0100		0.322		0.0100	U	0.100	U	0.00124	J	2,890		623	
IW024	2/21/2022	REG	0.0110		0.975		0.876		0.0590	J	0.00910		3,380		601	
MW002A	2/21/2022	REG	0.0173		0.896		0.878		0.0460	J	0.0199		3,770		1,000	J
MW002A	2/21/2022	FD	0.0179		0.955		0.902		0.0304	J	0.0199		3,890		426	J
MW004A	2/21/2022	REG	0.0143		0.504		0.360		0.100	U	0.000668	J	2,140		778	
MW007A	2/21/2022	REG	0.0100		0.688		0.707		0.100	U	0.00626		3,300		1,880	
MW008M	2/21/2022	REG	0.00503		0.0108		0.0105		75.0		2.90		4,850		642	
MW010	2/18/2022	REG	0.00791		0.0103		0.00953	J	0.0286	J	0.00894		4,700		2,400	
MW012M	2/18/2022	REG	0.0303		0.0161		0.0100	U	19.0		0.326		3,730		1,140	
MW013	2/16/2022	REG	0.00717		1.22		1.13		0.0382	J	0.000611	J	3,500		897	
MW015A	2/18/2022	REG	0.00980		0.00569		0.0100	U	0.227		0.0179		6,820		3,000	
MW016A	2/18/2022	REG	0.00965		0.0105		0.0105		0.100	U	0.000408	J	1,460		672	
MW019A	2/18/2022	REG	0.0117		0.000738	J	0.0100	U	0.100	U	0.00184	J	1,290		378	
MW020A	2/18/2022	REG	0.0105		0.00829		0.00853	J	0.100	U	0.00145	J	2,310		975	
MW021A	2/16/2022	REG	0.0106		0.00259	J	0.0100	U	0.100	U	0.0211		5,750		2,620	
MW023	2/21/2022	REG	0.00888		3.33		3.29		0.100	U	0.000538		3,670		836	
MW024A	2/18/2022	REG	0.0115		0.437		0.315		0.100	U	0.000622	J	2,560		966	
MW027	2/15/2022	REG	0.00782		0.000888	J	0.0100	U	0.100	U	0.00200	UB	1,600		357	
MW030	2/21/2022	REG	0.0195		0.00285	J	0.00580	J	0.280		0.00459		786		258	
MW032	2/16/2022	REG	0.00359	J	0.00261	J	0.0100	U	0.100	U	0.000779	J	2,080		372	
MW037	2/21/2022	REG	0.0660		0.000906	J	0.0100	U	6.23		0.115		1,340		428	
MW041A	2/17/2022	REG	0.0108		0.197		0.177		0.100	U	0.00175	J	1,660		436	
MW043	2/21/2022	REG	0.00500		0.00400	U	0.0100	U	0.342		0.548		2,140		746	
MW046A	2/21/2022	REG	0.00974		1.75		1.62		0.100	U	0.00409		3,380		998	
MW047	2/21/2022	REG	0.0110		0.0969		0.0905		0.100	U	0.000489	J	1,980		604	J
MW047	2/21/2022	FD	0.00982		0.0989		0.0915		0.100	U	0.000372	J	1,880		1,880	J
MW048SA	2/17/2022	REG	0.0122		0.254		0.229		0.0251	J	0.000842	J	3,130		1,390	
MW049SA	2/17/2022	REG	0.0111		0.450		0.436		0.100	U	0.00200	U	2,120		690	
MW049SA	2/17/2022	FD	0.0115		0.478		0.438		0.100	U	0.00200	U	2,260		705	
MW050SA	2/16/2022	REG	0.00989		0.430		0.221		0.100	U	0.0123		3,580		1,290	
MW051SA	2/17/2022	REG	0.0116		0.749		0.821		0.500	U	0.00634	J	3,420		1,060	
MW051SA	2/17/2022	FD	0.0110		0.776		0.811		0.0530	J	0.00613		3,460		1,050	
MW052SA	2/17/2022	REG	0.0136		0.242		0.232		0.100	U	0.000451	J	3,220		1,470	
MW053SA	2/21/2022	REG	0.0131		0.00927		0.00903	J	0.100	U	0.00121	J	1,980		1,570	
MW054SA	2/17/2022	REG	0.0109		0.121		0.115		0.100	U	0.000793	J	2,170		885	
MW055SA	2/16/2022	REG	0.00754		0.181		0.175		0.100	U	0.000452	J	1,890		704	
MW056SA	2/16/2022	REG	0.0143		0.308		0.286		0.0556	J	0.00107	J	3,460		1,050	
MW057SA	2/16/2022	REG	0.0129		0.0145		0.0115		0.100	U	0.000901	J	1,440		271	
MW058	2/21/2022	REG	0.0142		3.90		3.43		0.471		0.00712		4,580		1,170	
MW059	2/21/2022	REG	0.0141		0.639		0.995	J	0.100	U	0.000865	J	3,870		881	
MW059	2/21/2022	FD	0.0136		0.574		0.503	J	0.100	U	0.000911	J	4,110		776	
MW060	2/18/2022	REG	0.00230	J	0.00400	U	0.0100	U	0.398		6.56		3,540		1,430	
MW061	2/16/2022	REG	0.0108		0.824		0.850		0.0292	J	0.0205		4,530		1,090	
MW061	2/16/2022	FD	0.0107		0.815		0.825		0.500	U	0.0190		4,550		1,110	
MW065SA	2/15/2022	REG	0.0119		0.00526		0.0100	U	0.100	U	0.477		2,880		994	
MW066SA	2/16/2022	REG	0.00829		0.0198		0.0200		0.100	U	0.0432		2,510		885	
MW068	2/16/2022	REG	0.0161	J	0.0400	U	0.0100	U	0.525	J	3.66		10,200		6,400	
MW069	2/21/2022	REG	0.00750		0.00400	U	0.0100	U	0.120		0.487		14,300		15,700	
MW070	2/21/2022	REG	0.0139		0.000596	J	0.0100	U	0.100	U	0.000377	J	1,370		461	
MW071SA	2/15/2022	REG	0.0102		0.00286	J	0.0100	U	0.100	U	0.144		1,310		486	
MW072SA	2/16/2022	REG	0.0156		0.000553	J	0.0100	U	0.0711	J	0.00234		1,160		306	
MW073SA	2/16/2022	REG	0.0115		0.00400	U	0.0100	U	0.100	U	0.00111	J	1,410		402	
MW074SA	2/16/2022	REG	0.0137		0.0132		0.0120		0.100	U	0.000562	J	2,430		730	
MW075SA	2/15/2022	REG	0.0134		0.0155		0.0155		0.100	U	0.00200	UB	2,100		613	

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Table 7
Spring 2022 Metals, Chloride, and Total Dissolved Solids Analytical Data
2022 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
MW076SA	2/15/2022	REG	**0.0126**	**0.00628**	**0.00704 J**	0.100 U	0.00200 UB	**2,210**	**601**
MW079SA	2/17/2022	REG	**0.0111**	**0.000559 J**	0.0100 U	**0.0703 J**	**0.0199**	**1,350**	**345**
MW084SA	2/15/2022	REG	**0.0115**	**0.0210**	**0.0205**	**0.0326 J**	0.00200 UB	**2,970**	**1,100**
MW085SA	2/16/2022	REG	**0.0151**	**0.0346**	**0.0254**	**0.0276 J**	**0.0609**	**3,610**	**1,560**
MW086SA	2/15/2022	REG	**0.0111**	**0.0669**	**0.0642**	**0.0287 J**	0.00200 UB	**3,220**	**1,450**
MW087A	2/21/2022	REG	**0.00342 J**	**0.0478**	0.0100 U	**4.81**	**0.195**	**3,410**	**999**
MW088M	2/18/2022	REG	**0.0144**	**0.0986**	0.0100 U	**12.6**	**1.49**	**4,090**	**1,060**
MW089SA	2/21/2022	REG	**0.0107**	**1.03**	**0.726**	0.100 U	**0.000707 J**	**4,050**	**714**
MW090SA	2/21/2022	REG	**0.0104**	**0.250**	**0.192**	0.100 U	**0.000536 J**	**1,690**	**714**
MW093SA	2/18/2022	REG	**0.00849**	**0.475**	**0.439**	0.100 U	**0.0114**	**3,600**	**936**
MW094	2/16/2022	REG	**0.0111**	**0.316**	**0.163**	0.100 U	**0.0302**	**3,990**	**637**
MW095	2/18/2022	REG	**0.00905**	**3.46**	**2.94**	0.100 U	**0.131**	**4,720**	**1,430**
MW095	2/18/2022	FD	**0.00898**	**3.67**	**3.19**	0.100 U	**0.127**	**4,420**	**1,410**
MW097P	2/21/2022	REG	**0.0105**	**0.437**	**0.395**	0.100 U	**0.0402**	**3,520**	**1,080**
MW100	2/15/2022	REG	**0.00747**	**0.000647 J**	0.0100 U	**0.133**	**0.330**	**2,140**	**1,100**

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 due to associated blank contamination.

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Table 8
Fall 2022 Metals, Chloride, and Total Dissolved Solids Analytical Data
2022 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
MW007A	10/12/2022	REG	**0.0113**	**0.772**	**0.136**	0.100 U	**0.0049**	**3,220**	**755**
MW011A	10/11/2022	REG	**0.0141**	**0.0286**	**0.0193**	0.100 U	**0.00131 J**	**1,430**	**317**
MW013	10/12/2022	REG	**0.00717**	**0.465**	**0.282**	**0.0303 J**	**0.00206**	**3,280**	**777**
MW015A	10/12/2022	REG	**0.0108**	**0.00332 J**	0.0100 U	**0.700**	**0.346**	**8,650**	**4,290**
MW016A	10/12/2022	REG	**0.0102**	**0.0116**	0.0100 U	0.100 U	**0.00540**	**1,620**	**599**
MW018	10/12/2022	REG	**0.0113**	**0.0236**	0.0100 U	**0.0578 J**	**0.0198**	**1,130**	**187**
MW023	10/11/2022	REG	**0.00876**	**4.03**	**3.36**	0.100 U	**0.000260 J**	**3,850**	**731**
MW032	10/11/2022	REG	**0.00354 J**	**0.00220 J**	0.0100 U	0.100 U	**0.000293 J**	**1,770**	**430**
MW043	10/12/2022	REG	**0.00648**	**0.000832 J**	0.0100 U	**0.532**	**0.577**	**1,730**	**569**
MW043	10/12/2022	FD	**0.00678**	**0.000648 J**	0.0100 U	**0.438**	**0.56**	**1,690**	**580**
MW046A	10/12/2022	REG	**0.0100**	**1.67**	**0.296**	**0.0985 J**	**0.00622**	**2,740**	**621**
MW047	10/12/2022	REG	**0.0114**	**0.0545**	**0.0424**	**0.0284 J**	**0.000863 J**	**1,590**	**162**
MW047	10/12/2022	FD	**0.0119**	**0.0505**	**0.0434**	**0.0583 J**	**0.00454**	**1,640**	**177**
MW049SA	10/12/2022	REG	**0.0127**	**0.280**	**0.234**	**0.541**	**0.00797**	**3,250**	**1,230**
MW050SA	10/12/2022	REG	**0.00719**	**0.291**	**0.340**	0.100 U	**0.0143**	**3,260**	**1,120**
MW053SA	10/12/2022	REG	**0.0124**	**0.00710**	0.0100 U	**0.0570 J**	**0.00273**	**2,060**	**605**
MW053SA	10/12/2022	FD	**0.0124**	**0.00719**	0.0100 J H	**0.115**	**0.00458**	**2,020**	**604**
MW054SA	10/12/2022	REG	**0.0113**	**0.119**	**0.103**	**0.172**	**0.00468**	**2,370**	**777**
MW056SA	10/11/2022	REG	**0.0135**	**0.325**	**0.284**	0.100 U	**0.0134**	**3,490**	**846**
MW057SA	10/11/2022	REG	**0.0138**	**0.00945**	0.0100 U	0.100 U	**0.000314 J**	**1,380**	**229**
MW061	10/11/2022	REG	**0.0111**	**0.982**	**0.835**	0.100 U	**0.0235**	**4,430**	**945**
MW067SA	10/12/2022	REG	**0.0193**	**0.00128 J**	0.0100 U	**0.424**	**0.00512**	**971**	**180**
MW068	10/11/2022	REG	**0.0161**	**0.00119 J**	0.0100 U	**0.149**	**2.55**	**14,400**	**7,660**
MW069	10/11/2022	REG	**0.00697**	**0.00102 J**	0.0100 U	0.100 U	**0.185**	**17,000**	**8,330**
MW070	10/11/2022	REG	**0.0127**	**0.00123 J**	0.0100 U	0.100 U	0.00200 U	**1,420**	**383**
MW073SA	10/11/2022	REG	**0.0110**	**0.00150 J**	0.0100 U	0.100 U	0.00200 U	**1,190**	**270**
MW075SA	10/11/2022	REG	**0.0127**	**0.0181**	**0.0111**	0.100 U	0.00200 U	**1,900**	**556**
MW084SA	10/11/2022	REG	**0.0102**	**0.0177**	**0.00917 J**	0.100 U	**0.000926 J**	**3,120**	**1,010**
MW085SA	10/11/2022	REG	**0.0170**	**0.0323**	**0.0135**	0.100 U	**0.0792**	**3,950**	**1,330**
MW086SA	10/11/2022	REG	**0.0111**	**0.0376**	**0.0310**	0.100 U	0.00200 U	**2,930**	**907**
MW093SA	10/12/2022	REG	**0.00943**	**0.486**	**0.428**	**0.0313 J**	**0.0183**	**3,470**	**809**
MW095	10/11/2022	REG	**0.00943**	**4.06**	**3.23**	0.100 U	**0.154**	**4,970**	**1,140**
MW100	10/11/2022	REG	**0.00735**	**0.00134 J**	0.0100 U	0.100 U	**0.610**	**2,570**	**843**

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\jadhavp8954\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2022\01-In Progress\01-DWG\GEN-F01-SITE LOCATION.dwg LAYOUT: 1 SAVED: 2/19/2021 2:57 AM ACADVER: 23.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ARCADIS.CTB PLOTTED: 1/19/2022 5:34 PM BY: JADHAV, PRAJAKTA
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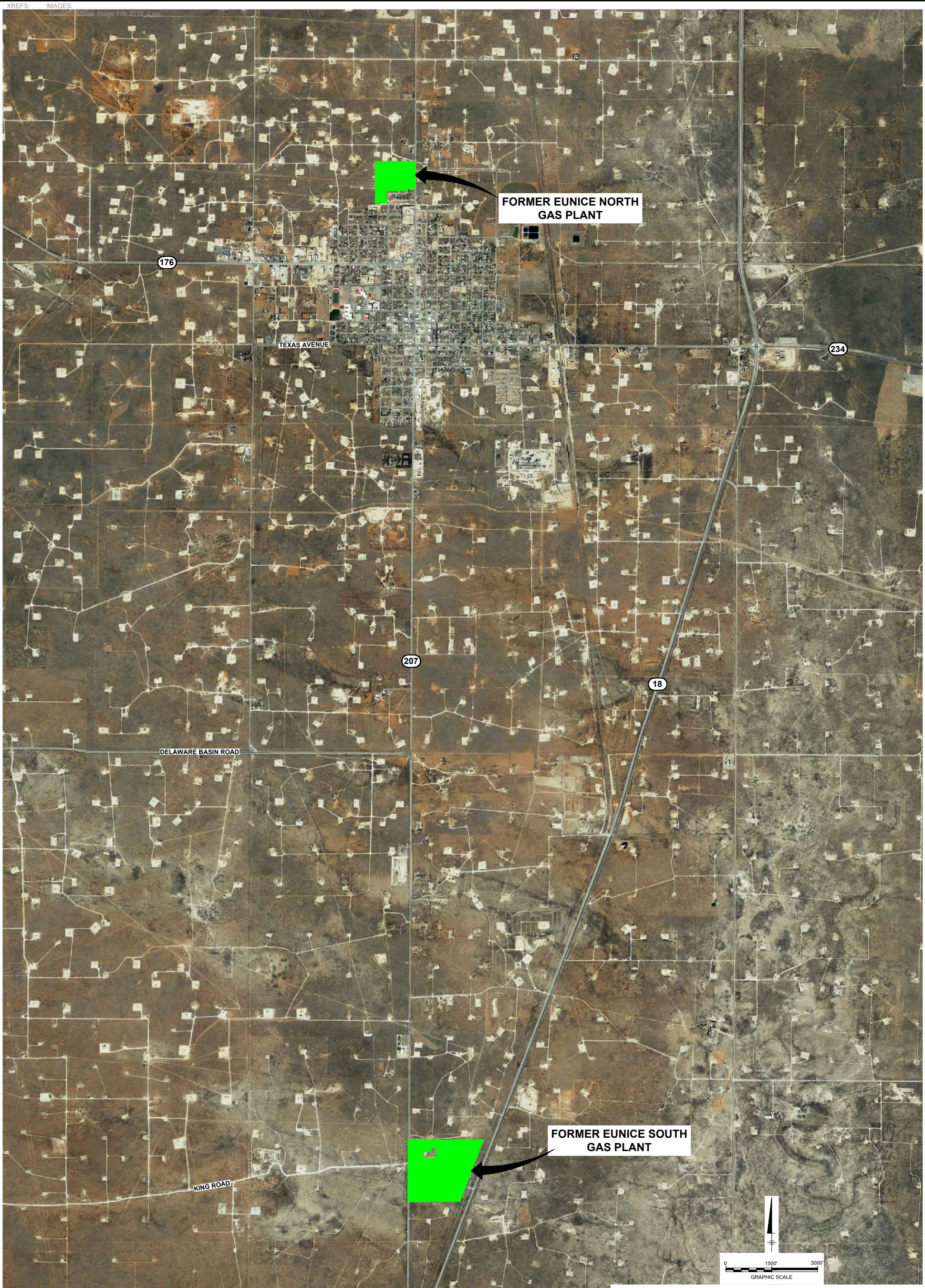

CHEVRON ENVIRONMENTAL MANAGEMENT COMPANY
FORMER EUNICE NORTH GAS PLANT
EUNICE, LEA COUNTY, NEW MEXICO

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
IW010
IW009
IW008
IW007
IW006
IW005
IW004
IW003
IW015
IW016
MW080SA
MW079SA
MW073SA
MW067SA
MW078SA
MW086SA
MW065SA
MW066SA
MW072SA
MW071SA
MW057SA
MW056SA
MW055SA
MW051SA
MW050SA
MW052SA
MW054SA
MW053SA
MW049SA
MW048SA
MW021A
MW020
MW020A
MW019A
MW018
MW063A
MW062A
MW099
MW070
MW070A
MW024A
MW024
MW042A
MW002
MW002A
MW046
MW046A
MW045
MW043
MW044
IW018
IW019
MW093SA
IW021
MW091SA
IW022
IW023
IW024
IW025
IW026
MW090SA
IW027
IW028
MW089SA
MW009
MW009A
MW030P
MW096P
MW097P
MW003
MW007
MW007A
MW029P
MW008
MW008A
MW087A
MW008M
MW088M
MW011
MW011A
MW011M
MW001
RW004A
MW012
MW012A
MW012M
RW003
IW002
MW013
MW013A
MW040A
MW010
MW014A
MW015
MW015A
MW016A
MW041A
MW034
MW036
MW037
MW005
MW006
MW001
MW038
MW004
MW004A
MW047
MW058
MW030
MW059
MW023A
MW023
MW095
MW031
MW060
MW089
MW061
MW068
MW094
MW032
MW026
MW027
MW040A

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

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: ----
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XREFS:
IMAGES:
Aerial-XO-111UE_321083.sid

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- 3382.22 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT AMSL)
- 3380.00 POTENTIOMETRIC CONTOUR (FT AMSL; DASHED WHERE INFERRED)
- NM NOT MEASURED
- * NOT USED FOR CONTOURING
- GROUNDWATER FLOW DIRECTION

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 14-18 AND 21, 2022.

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

N

0 300' 600'
GRAPHIC SCALE

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

POTENTIOMETRIC SURFACE MAP SPRING 2022

ARCADIS

FIGURE 3

DIV/GROUP: ENVCAD
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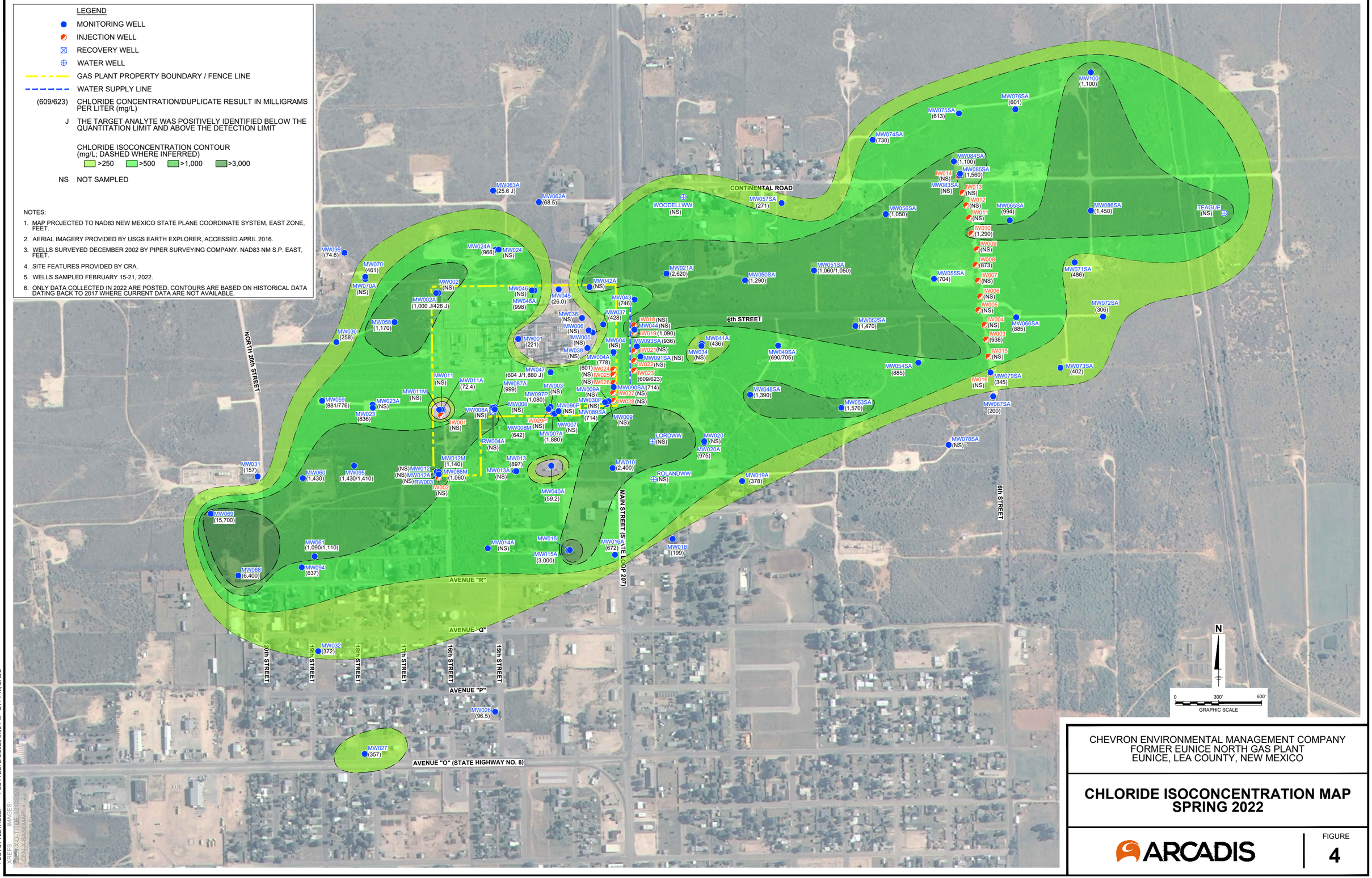
XREFS: IMAGES:

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (609/623) 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
- 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 FEBRUARY 15-21, 2022.
6. ONLY DATA COLLECTED IN 2022 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

CHLORIDE ISOCONCENTRATION MAP SPRING 2022

ARCADIS

FIGURE 4

DIV/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F04-CHLORIDE SPRING.dwg LAYOUT: 4 SAVED: 2/3/2023 6:01 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ---
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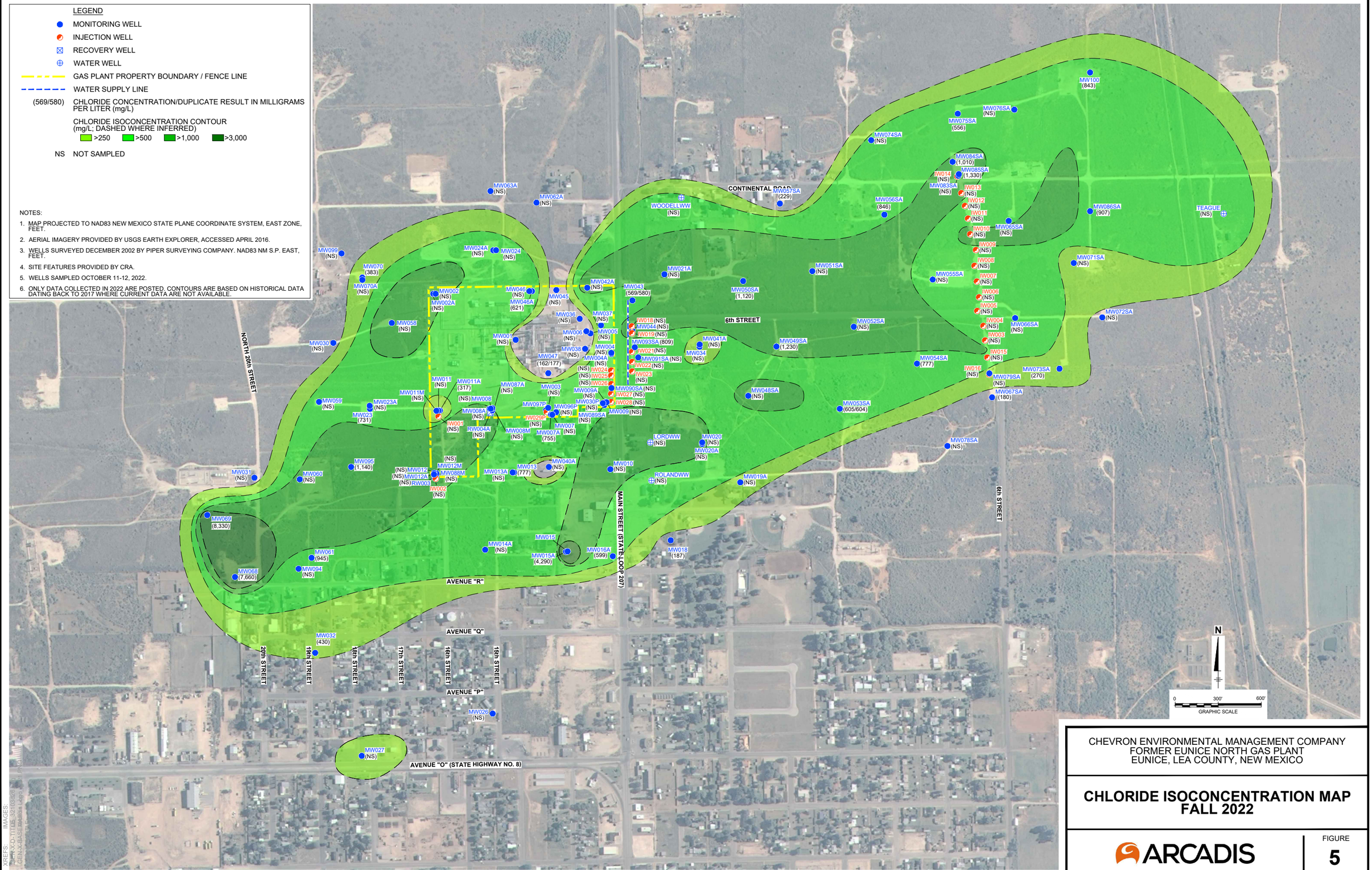
LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (569/580) 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 11-12, 2022.
6. ONLY DATA COLLECTED IN 2022 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

CHLORIDE ISOCONCENTRATION MAP FALL 2022

ARCADIS

FIGURE 5

C:\Users\jharris\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F05-CHLORIDE FALL.dwg LAYOUT: 5 SAVED: 2/3/2023 6:01 AM ACADVER: 24.2S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 3/1/2023 12:31 PM BY: HARRIS, JESS

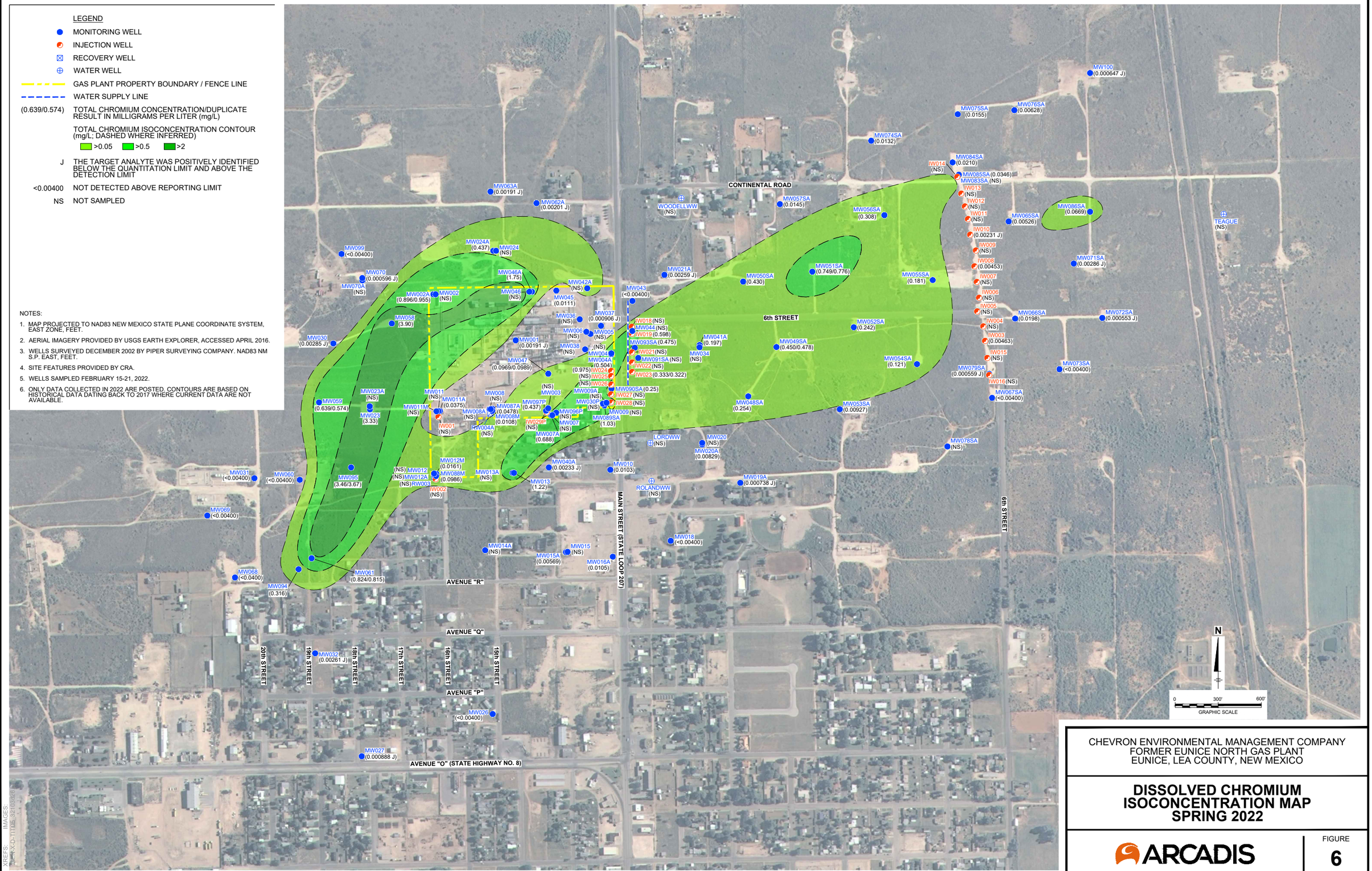
XREFS: IMAGES: C-X-D-TITLE 32103226 (1).PNG GEN-X-BASEMAP-Eddis Ledge (1).PNG

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (0.639/0.574) 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 15-21, 2022.
6. ONLY DATA COLLECTED IN 2022 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 CHROMIUM ISOCONCENTRATION MAP SPRING 2022

ARCADIS

FIGURE 6

DW/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F06-CHROMIUM SPRING_recover.dwg LAYOUT: 6 SAVED: 2/3/2023 6:04 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
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Born-X-D-TITLE_32103826

LEGEND

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

(0.00710/0.00719) 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 OCTOBER 11-12, 2022.
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)
AVENUE "R"
AVENUE "Q"
AVENUE "P"
AVENUE "O" (STATE HIGHWAY NO. 8)
20th STREET
19th STREET
18th STREET
17th STREET
16th STREET
15th STREET

MW100 (0.00134 J)
MW075SA (0.0181)
MW076SA (NS)
MW074SA (NS)
MW084SA (0.0177)
MW085SA (0.0323)
MW083SA (NS)
IW014 (NS)
IW013 (NS)
IW012 (NS)
IW011 (NS)
IW010 (NS)
IW009 (NS)
IW008 (NS)
IW007 (NS)
IW006 (NS)
IW005 (NS)
IW004 (NS)
IW003 (NS)
IW015 (NS)
IW016 (NS)
MW086SA (0.0376)
MW065SA (NS)
TEAGUE (NS)
MW071SA (NS)
MW066SA (NS)
MW072SA (NS)
MW073SA (0.00150 J)
MW067SA (0.00128 J)
MW079SA (NS)
MW078SA (NS)
MW063A (NS)
MW062A (NS)
WOODELLWW (NS)
MW057SA (0.00945)
MW056SA (0.325)
MW099 (NS)
MW070 (0.00123 J)
MW024A (NS)
MW024 (NS)
MW046A (1.67)
MW042A (NS)
MW021A (NS)
MW043 (0.000832 J/0.000648 J)
MW050SA (0.291)
MW051SA (NS)
MW055SA (NS)
MW002A (NS)
MW002 (NS)
MW046 (NS)
MW045 (NS)
MW058 (NS)
MW030 (NS)
MW036 (NS)
MW037 (NS)
MW006 (NS)
MW005 (NS)
MW001 (NS)
MW038 (NS)
MW004 (NS)
MW004A (NS)
MW047 (0.0545/0.0505)
MW018 (NS)
MW044 (NS)
IW019 (NS)
MW093SA (0.486)
IW021 (NS)
MW091SA (NS)
IW022 (NS)
IW023 (NS)
MW041A (NS)
MW034 (NS)
MW049SA (0.280)
MW052SA (NS)
MW054SA (0.119)
IW024 (NS)
IW025 (NS)
IW026 (NS)
MW090SA (NS)
IW027 (NS)
IW028 (NS)
MW009 (NS)
MW089SA (NS)
MW048SA (NS)
MW053SA (0.00710/0.00719)
MW059 (NS)
MW023A (NS)
MW023 (4.03)
MW011 (NS)
MW011A (0.0286)
MW011M (NS)
MW008 (NS)
MW008A (NS)
MW087A (NS)
MW008M (NS)
IW001 (NS)
RW004A (NS)
MW097P (NS)
IW029P (NS)
MW096P (NS)
MW007 (NS)
MW003 (NS)
MW009A (NS)
MW030P (NS)
MW007A (0.772)
LORDWW (NS)
MW020 (NS)
MW020A (NS)
MW040A (NS)
MW010 (NS)
MW013 (0.465)
ROLANDWW (NS)
MW019A (NS)
MW031 (NS)
MW060 (NS)
MW095 (4.06)
MW012 (NS)
MW012A (NS)
MW012M (NS)
MW088M (NS)
IW002 (NS)
MW069 (0.00102 J)
MW061 (0.982)
MW094 (NS)
MW068 (0.00119 J)
MW014A (NS)
MW015 (NS)
MW015A (0.00332 J)
MW016A (0.0116)
MW018 (0.0236)
MW032 (0.00220 J)
MW026 (NS)
MW027 (NS)

N

0 300' 600'
GRAPHIC SCALE

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

DISSOLVED CHROMIUM ISOCONCENTRAT2ON MAP FALL 2022

ARCADIS

FIGURE 7

DW/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F07-CHROMIUM FALL_recover.dwg LAYOUT: 7 SAVED: 2/3/2023 6:52 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 2/3/2023 7:00 PM BY: Y M. BABU
XREFS: IMAGES:
Aerial-X-D-TITLE 32103826
GEN-X-BASEMAP

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 15-21, 2022.
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

MW100 (<0.0100)
MW075SA (0.0155)
MW076SA (0.00704 J)
MW074SA (0.012)
MW084SA (0.0205)
MW085SA (0.0254)
MW083SA (NS)
IW014 (NS)
IW013 (NS)
IW012 (NS)
IW011 (NS)
IW010 (<0.0100)
IW009 (NS)
IW008 (<0.0100)
IW007 (NS)
IW006 (NS)
IW005 (NS)
IW004 (NS)
IW003 (<0.0100)
IW015 (NS)
IW016 (NS)
MW086SA (0.0642)
MW065SA (<0.0100)
MW071SA (<0.0100)
MW066SA (0.02)
MW072SA (<0.0100)
MW073SA (<0.0100)
MW079SA (<0.0100)
MW067SA (<0.0100)
MW078SA (NS)
TEAGUE (NS)
MW057SA (0.0115)
WOODELLWW (NS)
MW056SA (0.286)
MW051SA (0.821/0.811)
MW050SA (0.221)
MW055SA (0.175)
MW052SA (0.232)
MW049SA (0.436/0.438)
MW054SA (0.115)
MW053SA (0.00903 J)
MW048SA (0.229)
MW063A (<0.0100)
MW062A (0.422)
MW099 (<0.0100)
MW070 (<0.0100)
MW070A (NS)
MW024A (0.315)
MW024 (NS)
MW002A (0.878/0.902)
MW002 (NS)
MW046 (NS)
MW046A (1.62)
MW045 (<0.0100)
MW042A (NS)
MW021A (<0.0100)
MW043 (<0.0100)
MW058 (3.43)
MW030 (0.00580 J)
MW036 (NS)
MW037 (<0.0100)
MW006 (NS)
MW005 (NS)
MW001 (<0.0100)
MW038 (NS)
MW004 (NS)
MW004A (0.360)
MW047 (0.0905/0.0915)
IW018 (NS)
MW044 (NS)
IW019 (0.534)
MW093SA (0.439)
IW021 (NS)
MW091SA (NS)
IW022 (NS)
IW023 (0.317/<0.0100)
MW041A (0.177)
MW034 (NS)
IW024 (NS)
IW025 (NS)
IW026 (NS)
MW090SA (0.192)
IW027 (NS)
IW028 (NS)
MW009 (NS)
MW089SA (0.726)
MW059 (0.995 J/0.503 J)
MW023A (NS)
MW023 (3.29)
MW011 (NS)
MW011A (0.0295)
MW011M (NS)
IW001 (NS)
MW008 (NS)
MW008A (NS)
RW004A (NS)
MW087A (<0.0100)
MW008M (0.0105)
MW097P (0.395)
MW095P (NS)
IW029P (NS)
MW003 (NS)
MW009A (NS)
MW030P (NS)
MW007 (NS)
MW007A (0.707)
LORDWW (NS)
MW020 (NS)
MW020A (0.00853 J)
MW095 (2.94/3.19)
MW031 (<0.0100)
MW060 (<0.0100)
MW069 (<0.0100)
MW012 (NS)
MW012A (NS)
RW003 (NS)
IW002 (NS)
MW012M (<0.0100)
MW088M (<0.0100)
MW013A (NS)
MW013 (1.13)
MW040A (0.00853 J)
MW010 (0.00953 J)
ROLANDWW (NS)
MW019A (<0.0100)
MW061 (0.850/0.825)
MW068 (<0.0100)
MW094 (0.163)
MW014A (NS)
MW015A (<0.0100)
MW015 (NS)
MW016A (0.0105)
MW018 (<0.0100)
MW032 (<0.0100)
MW026 (<0.0100)
MW027 (<0.0100)

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 2022

ARCADIS

FIGURE 8

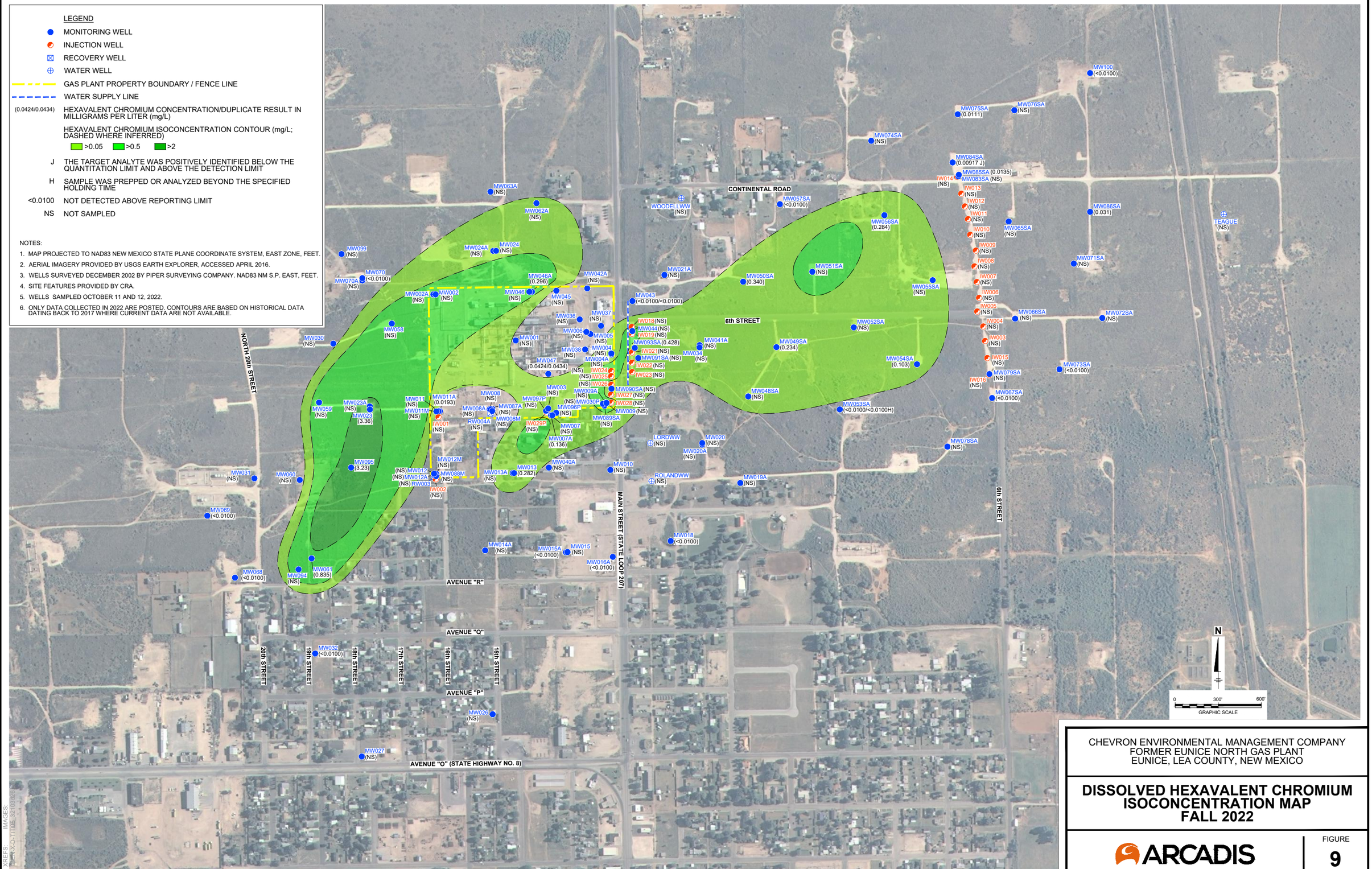
DIV/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F08-HEXAVALENT SPRING.dwg LAYOUT: 8 SAVED: 2/3/2023 6:54 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 2/3/2023 7:00 PM BY: Y M, BABU
XREFS: IMAGES:
C-XD-TITLE 32103626
GEN-X-BASEMAP

LEGEND

- MONITORING WELL
- INJECTION WELL
- RECOVERY WELL
- WATER WELL
- GAS PLANT PROPERTY BOUNDARY / FENCE LINE
- WATER SUPPLY LINE
- (0.0424/0.0434) 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
- H SAMPLE WAS PREPPED OR ANALYZED BEYOND THE SPECIFIED HOLDING TIME
- <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 11 AND 12, 2022.
6. ONLY DATA COLLECTED IN 2022 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 2022

ARCADIS

FIGURE 9

DIV/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F09-HEXAVALENT SPRING.dwg LAYOUT: 9 SAVED: 2/3/2023 6:55 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 2/3/2023 7:00 PM BY: Y M, BABU
XREFS: IMAGES:
Xref XD-TITLE 32108269

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

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

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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Received by OCD: 3/29/2023 1:11:13 PM

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

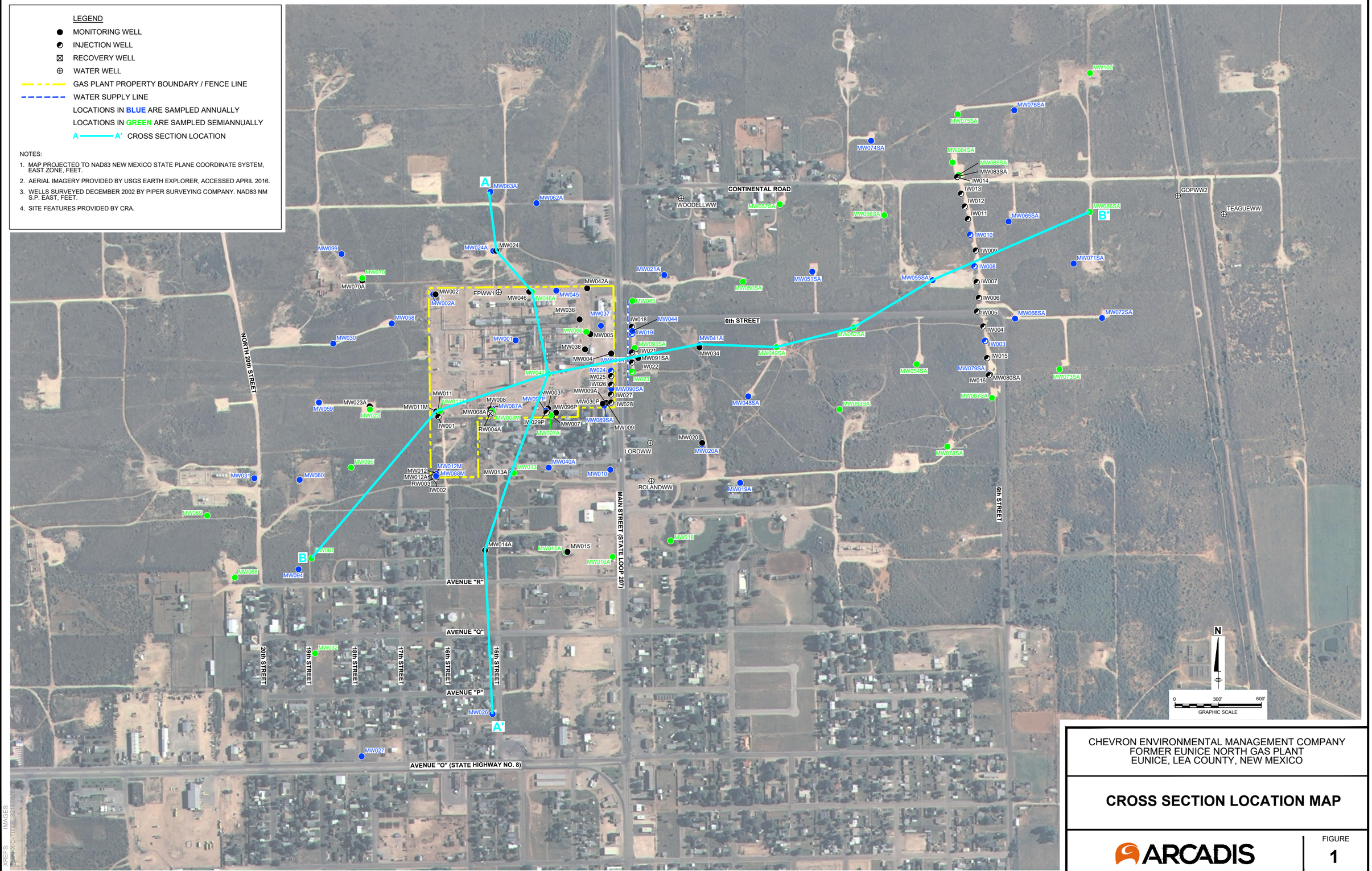
Geologic Cross Sections

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: ----
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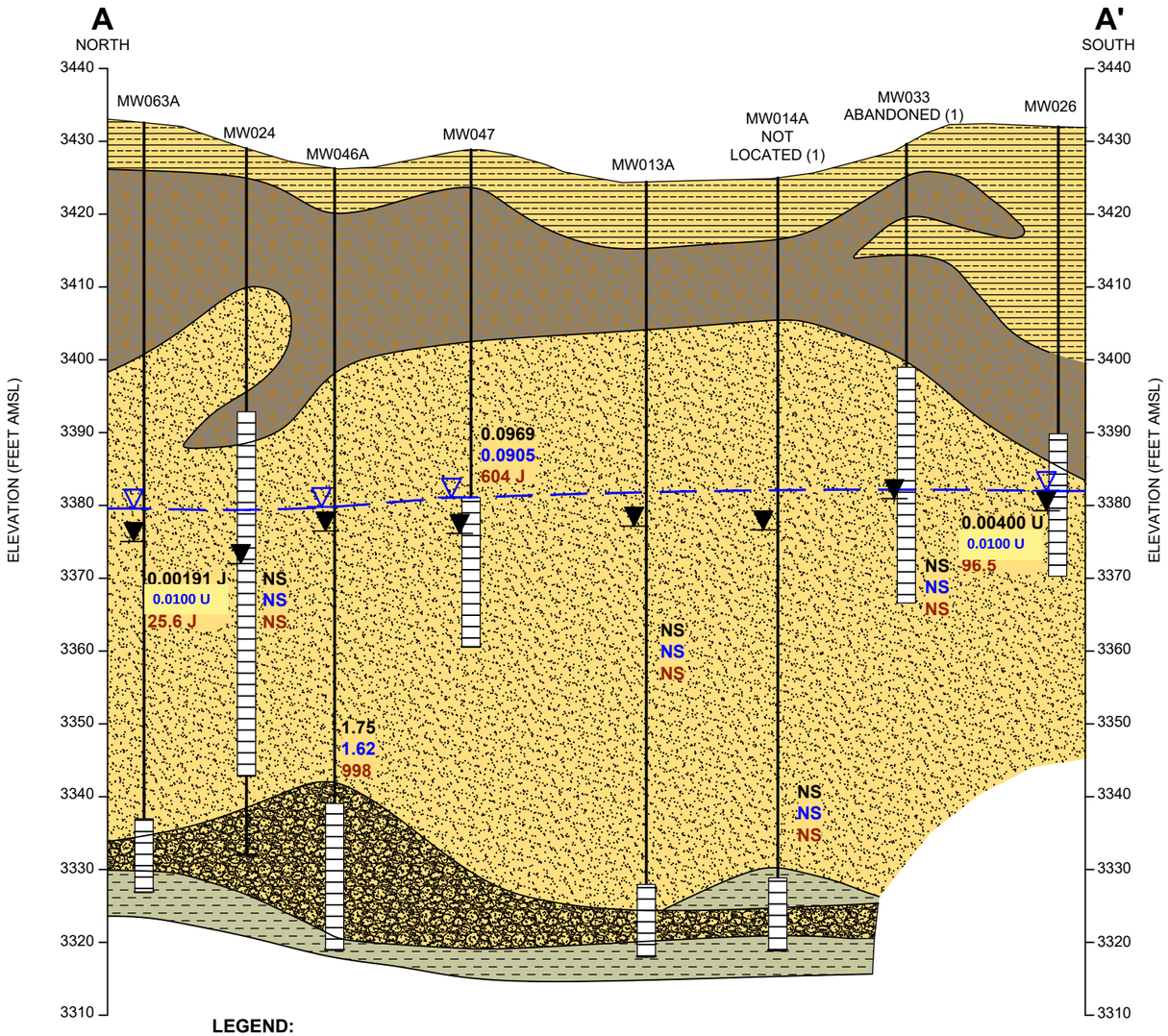

LEGEND:

MW063A WELL/BORING ID

APPROXIMATE GROUND SURFACE

LITHOLOGIC CONTACT

WATER LEVEL (SPRING 2022)

WATER LEVEL ENCOUNTERED AFTER DRILLING

WELL SCREEN

WELL/BORING BOTTOM

CLAY

CALICHE

INTERBEDDED SAND AND SANDSTONE

SILTY, CLAYEY SAND

SANDY GRAVEL

0.0969	SPRING 2022 DISSOLVED TOTAL CHROMIUM CONCENTRATION (mg/L)
0.0905	SPRING 2022 DISSOLVED HEXAVALENT CHROMIUM CONCENTRATION (mg/L)
604 J	SPRING 2022 CHLORIDE CONCENTRATION (mg/L)
NS	NOT SAMPLED IN 2022
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'

CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:(B.ALTOM) LD:(C.SMITH) PIC:(M.FLEISCHNER) PM:(L.MINER) TM:(J.FRIZZELL)
C:\Users\ari00071\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GEN-FAA_ AND BB_-CROSS SECTION.dwg LAYOUT: A-A' SAVED: 2/1/2023 5:04 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
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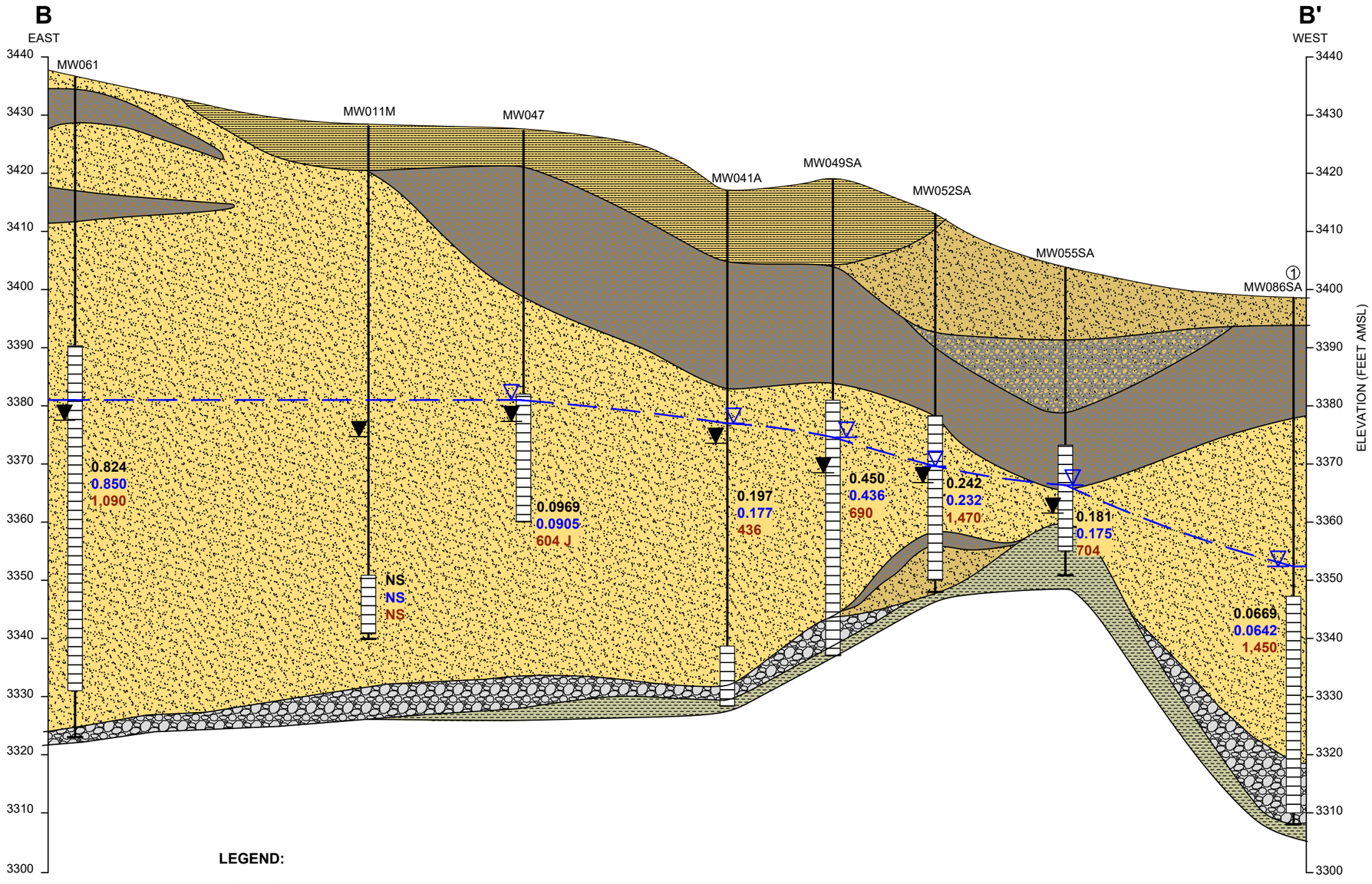

LEGEND:

MW063A WELL/BORING ID

APPROXIMATE GROUND SURFACE

LITHOLOGIC CONTACT

WATER LEVEL (SPRING 2022)

WATER LEVEL ENCOUNTERED AFTER DRILLING

WELL SCREEN

WELL/BORING BOTTOM

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

0.0969 SPRING 2022 DISSOLVED TOTAL CHROMIUM CONCENTRATION (mg/L)
0.0905 SPRING 2022 DISSOLVED HEXAVALENT CHROMIUM CONCENTRATION (mg/L)
604 J SPRING 2022 CHLORIDE CONCENTRATION (mg/L)

NS NOT SAMPLED IN 2022

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

CITY:(KNOXVILLE) DIV/GROUP:(ENV/GIS) DB:(B.ALTOM) LD:(C.SMITH) PIC:(M.FLEISCHNER) PM:(L.MINER) TM:(J.FRIZZELL)
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APPENDIX C

Historical Groundwater Elevations

Appendix C
Historical Groundwater Elevations
2022 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
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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Appendix C
Historical Groundwater Elevations
2022 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)
IW001	10/23/2012	3431.91	49.35	NM	NA	3382.56
IW001	5/2/2013	3431.91	50.51	NM	NA	3381.4
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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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
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
IW006	3/21/2008	3404.36	42.65	NM	NA	3361.71

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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)
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
IW008	5/1/2017	3405.37	44.70	NM	NA	3360.67

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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
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
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
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

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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
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

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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)
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
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

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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)
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
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
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

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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	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
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

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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)
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
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
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

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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	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
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

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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	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	46.60	NM	NA	3381.97
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
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

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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	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
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

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Appendix C
Historical Groundwater Elevations
2022 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)
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
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

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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)
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
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
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

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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	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
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

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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)
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
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

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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)
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
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
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

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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)
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
MW009	12/18/1997	3427.63	48.98	NM	NA	3378.65
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

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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)
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
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

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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)
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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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)
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
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
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

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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)
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
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

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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)
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
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
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

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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)
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
MW013A	12/18/1997	3424.25	46.84	NM	NA	3377.41
MW013A	11/16/1999	3424.25	45.79	NM	NA	3378.46
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

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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)
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
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

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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)
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
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

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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	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
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

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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)
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
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
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

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Appendix C
Historical Groundwater Elevations
2022 Annual Groundwater Monitoring Report
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)
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
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
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

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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)
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
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
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

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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	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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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)
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
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
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

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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)
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
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

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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)
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
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
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

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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)
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
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
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

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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)
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
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
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

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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	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
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
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

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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)
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
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

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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)
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
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
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

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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)
MW031	2/21/2022	3440.68	60.31	NM	NA	3380.37
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
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
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

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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)
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
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

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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)
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
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

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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)
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
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

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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)
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
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
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

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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)
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
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
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

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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	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
MW043	2/21/2022	3423.57	45.66	NM	NA	3377.91
MW043	10/12/2022	3423.57	45.79	NM	NA	3377.78
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

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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	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
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

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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)
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
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
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

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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)
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
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
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
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

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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)
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
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
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

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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)
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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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	11/29/2004	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
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
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

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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)
MW053SA	2/21/2022	3413.86	41.68	NM	NA	3372.18
MW053SA	10/12/2022	3413.86	41.21	NM	NA	NM
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
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
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

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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)
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
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
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
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

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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)
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
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
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

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Appendix C
Historical Groundwater Elevations
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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)
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
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
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
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

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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	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
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
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
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

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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	9/9/2003	3434.19	57.29	NM	NA	3376.90
MW062A	12/2/2003	3434.19	57.17	NM	NA	3377.02
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	55.00	NM	NA	3379.19
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

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Appendix C
Historical Groundwater Elevations
2022 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	11/3/2015	3435.22	56.09	NM	NA	3379.13
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
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
2022 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
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
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
MW067SA	10/23/2012	3409.16	47.25	NM	NA	3361.91
MW067SA	4/29/2013	3409.16	46.95	NM	NA	3362.21

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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)
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
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
MW069	3/27/2003	3444.07	64.89	NM	NA	3379.18
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

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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	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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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	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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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)
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
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
MW073SA	5/3/2003	3403.26	50.25	NM	NA	3353.01
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

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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	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
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	3361.9
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
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
MW075SA	2/18/2004	3404.21	54.19	NM	NA	3350.02
MW075SA	3/30/2004	3404.21	54.21	NM	NA	3350.00

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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)
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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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	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
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
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
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

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Appendix C
Historical Groundwater Elevations
2022 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)
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	46.10	NM	NA	3362.70
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
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

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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)
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
MW084SA	3/30/2004	3405.98	54.83	NM	NA	3351.15
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

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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)
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
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
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
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

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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)
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
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
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	49.20	NM	NA	3381.55
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

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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)
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
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
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

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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)
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
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
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

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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)
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
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
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
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
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
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

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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)
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
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
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

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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)
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
RW004A	1/21/2002	3430.11	51.51	NM	NA	3378.6
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	3378.4
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	3380.4
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

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Appendix C
Historical Groundwater Elevations
2022 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)
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

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11319-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project-N. Eunice
Revision: 1

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
3/18/2022 9:26:45 AM

John Builes, Project Manager
(561)558-4549
john.builes@eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-11319-1
SDG: 30109021

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-11319-1
Project/Site: Eunice Project-N. Eunice SDG: 30109021

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
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.

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

Job ID: 880-11319-1
SDG: 30109021

Job ID: 880-11319-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11319-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 2/28/2022. The report (revision 1) is being revised due to: Revised report to correct client sample ID per client request..

Receipt
The samples were received on 2/16/2022 8:00 AM. 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 was 1.5º C.

Metals
Method 6020A: The method blank for preparation batch 860-42180 and analytical batch 860-42381 contained Manganese above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Field Service / Mobile Lab
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW100-W-220215

Lab Sample ID: 880-11319-1
Matrix: Water
Date Collected: 02/15/22 11:50
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		5.00	2.00	mg/L			02/25/22 04:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00747		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:18	1
Chromium	0.000647	J	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:18	1
Iron	0.133		0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:18	1
Manganese	0.330	B	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 23:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2140		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW086SA-W-220215

Lab Sample ID: 880-11319-2
Matrix: Water
Date Collected: 02/15/22 12:17
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		5.00	2.00	mg/L			02/25/22 04:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:22	1
Chromium	0.0669		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:22	1
Iron	0.0287	J	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:22	1
Manganese	0.000899	J	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3220		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0642		0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW071SA-W-220215

Lab Sample ID: 880-11319-3
Matrix: Water
Date Collected: 02/15/22 12:38
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	486		5.00	2.00	mg/L			02/25/22 05:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0102		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:25	1
Chromium	0.00286	J	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:25	1

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW071SA-W-220215

Lab Sample ID: 880-11319-3
Matrix: Water
Date Collected: 02/15/22 12:38
Date Received: 02/16/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:25	1
Manganese	**0.144**	**B**	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1310**		100	100	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW065SA-W-220215

Lab Sample ID: 880-11319-4
Matrix: Water
Date Collected: 02/15/22 13:08
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**994**		5.00	2.00	mg/L			02/25/22 05:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0119**		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:28	1
Chromium	**0.00526**		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:28	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:28	1
Manganese	**0.477**	**B**	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 23:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2880**		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW076SA-W-220215

Lab Sample ID: 880-11319-5
Matrix: Water
Date Collected: 02/15/22 13:32
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**601**		5.00	2.00	mg/L			02/25/22 05:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0126**		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:31	1
Chromium	**0.00628**		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:31	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:31	1
Manganese	**0.00116**	**J**	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2210**		100	100	mg/L			02/17/22 17:00	1

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW076SA-W-220215

Lab Sample ID: 880-11319-5
Matrix: Water
Date Collected: 02/15/22 13:32
Date Received: 02/16/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00704	J	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW075SA-W-220215

Lab Sample ID: 880-11319-6
Matrix: Water
Date Collected: 02/15/22 13:50
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	613		5.00	2.00	mg/L			02/25/22 05:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0134		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:34	1
Chromium	0.0155		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:34	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:34	1
Manganese	0.000374	J	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2100		100	100	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0155		0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW084SA-W-220215

Lab Sample ID: 880-11319-7
Matrix: Water
Date Collected: 02/15/22 14:32
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		5.00	2.00	mg/L			02/25/22 05:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:38	1
Chromium	0.0210		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:38	1
Iron	0.0326	J	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:38	1
Manganese	0.000996	J	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2970		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0205		0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW027-W-220215

Lab Sample ID: 880-11319-8
Date Collected: 02/15/22 15:17
Matrix: Water
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	357		5.00	2.00	mg/L			02/25/22 06:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00782		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:41	1
Chromium	0.000888	J	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:41	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:41	1
Manganese	0.000228	J	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1600		100	100	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

QC Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-42765/63
Matrix: Water
Analysis Batch: 42765

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			02/25/22 02:06	1

Lab Sample ID: LCS 860-42765/64
Matrix: Water
Analysis Batch: 42765

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	10.45		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-42765/65
Matrix: Water
Analysis Batch: 42765

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	10.13		mg/L		101	90 - 110	3	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-42180/1-A
Matrix: Water
Analysis Batch: 42381

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 22:43	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 22:43	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 22:43	1
Manganese	0.0003070	J	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 22:43	1

Lab Sample ID: MB 860-42180/1-A
Matrix: Water
Analysis Batch: 42522

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42180

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:08	1

Lab Sample ID: LCS 860-42180/2-A
Matrix: Water
Analysis Batch: 42381

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42180

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.1020		mg/L		102	80 - 120
Chromium	0.100	0.1019		mg/L		102	80 - 120
Iron	0.500	0.5128		mg/L		103	80 - 120
Manganese	0.100	0.1029		mg/L		103	80 - 120

QC Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

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

Lab Sample ID: LCSD 860-42180/3-A
Matrix: Water
Analysis Batch: 42381

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42180

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			0.100	0.1013		mg/L		101	80 - 120	1	20
Chromium			0.100	0.1015		mg/L		101	80 - 120	0	20
Iron			0.500	0.5095		mg/L		102	80 - 120	1	20
Manganese			0.100	0.1025		mg/L		102	80 - 120	0	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-20017/3
Matrix: Water
Analysis Batch: 20017

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Lab Sample ID: LCS 880-20017/4
Matrix: Water
Analysis Batch: 20017

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	0.03736		mg/L		93	85 - 115		

Lab Sample ID: LCSD 880-20017/5
Matrix: Water
Analysis Batch: 20017

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	0.03736		mg/L		93	85 - 115	0	20

Lab Sample ID: 880-11319-1 MS
Matrix: Water
Analysis Batch: 20017

Client Sample ID: MW100-W-220215
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	<0.00273	U	0.200	0.2093		mg/L		105	85 - 115		

Lab Sample ID: 880-11319-1 MSD
Matrix: Water
Analysis Batch: 20017

Client Sample ID: MW100-W-220215
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	<0.00273	U	0.200	0.2093		mg/L		105	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 830-760/1
Matrix: Water
Analysis Batch: 760

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	<25.0	U	25.0	25.0	mg/L			02/17/22 17:00	1

QC Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 830-760/2
Matrix: Water
Analysis Batch: 760

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	1005		mg/L		101	90 - 110		

Lab Sample ID: LCSD 830-760/3
Matrix: Water
Analysis Batch: 760

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	997.0		mg/L		100	90 - 110	1	10

Lab Sample ID: 880-11319-1 DU
Matrix: Water
Analysis Batch: 760

Client Sample ID: MW100-W-220215
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2140			2176		mg/L				2	10

QC Association Summary

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

Job ID: 880-11319-1
SDG: 30109021

HPLC/IC

Analysis Batch: 42765

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11319-1	MW100-W-220215	Total/NA	Water	300.0	
880-11319-2	MW086SA-W-220215	Total/NA	Water	300.0	
880-11319-3	MW071SA-W-220215	Total/NA	Water	300.0	
880-11319-4	MW065SA-W-220215	Total/NA	Water	300.0	
880-11319-5	MW076SA-W-220215	Total/NA	Water	300.0	
880-11319-6	MW075SA-W-220215	Total/NA	Water	300.0	
880-11319-7	MW084SA-W-220215	Total/NA	Water	300.0	
880-11319-8	MW027-W-220215	Total/NA	Water	300.0	
MB 860-42765/63	Method Blank	Total/NA	Water	300.0	
LCS 860-42765/64	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-42765/65	Lab Control Sample Dup	Total/NA	Water	300.0	

Metals

Prep Batch: 42180

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11319-1	MW100-W-220215	Dissolved	Water	3010A	
880-11319-2	MW086SA-W-220215	Dissolved	Water	3010A	
880-11319-3	MW071SA-W-220215	Dissolved	Water	3010A	
880-11319-4	MW065SA-W-220215	Dissolved	Water	3010A	
880-11319-5	MW076SA-W-220215	Dissolved	Water	3010A	
880-11319-6	MW075SA-W-220215	Dissolved	Water	3010A	
880-11319-7	MW084SA-W-220215	Dissolved	Water	3010A	
880-11319-8	MW027-W-220215	Dissolved	Water	3010A	
MB 860-42180/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42180/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42180/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 42381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11319-1	MW100-W-220215	Dissolved	Water	6020A	42180
880-11319-2	MW086SA-W-220215	Dissolved	Water	6020A	42180
880-11319-3	MW071SA-W-220215	Dissolved	Water	6020A	42180
880-11319-4	MW065SA-W-220215	Dissolved	Water	6020A	42180
880-11319-5	MW076SA-W-220215	Dissolved	Water	6020A	42180
880-11319-6	MW075SA-W-220215	Dissolved	Water	6020A	42180
880-11319-7	MW084SA-W-220215	Dissolved	Water	6020A	42180
880-11319-8	MW027-W-220215	Dissolved	Water	6020A	42180
MB 860-42180/1-A	Method Blank	Total/NA	Water	6020A	42180
LCS 860-42180/2-A	Lab Control Sample	Total/NA	Water	6020A	42180
LCSD 860-42180/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42180

Analysis Batch: 42522

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11319-2	MW086SA-W-220215	Dissolved	Water	6020A	42180
880-11319-5	MW076SA-W-220215	Dissolved	Water	6020A	42180
880-11319-6	MW075SA-W-220215	Dissolved	Water	6020A	42180
880-11319-7	MW084SA-W-220215	Dissolved	Water	6020A	42180
880-11319-8	MW027-W-220215	Dissolved	Water	6020A	42180
MB 860-42180/1-A	Method Blank	Total/NA	Water	6020A	42180

QC Association Summary

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

Job ID: 880-11319-1
SDG: 30109021

General Chemistry

Analysis Batch: 760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11319-1	MW100-W-220215	Total/NA	Water	SM 2540C	
880-11319-2	MW086SA-W-220215	Total/NA	Water	SM 2540C	
880-11319-3	MW071SA-W-220215	Total/NA	Water	SM 2540C	
880-11319-4	MW065SA-W-220215	Total/NA	Water	SM 2540C	
880-11319-5	MW076SA-W-220215	Total/NA	Water	SM 2540C	
880-11319-6	MW075SA-W-220215	Total/NA	Water	SM 2540C	
880-11319-7	MW084SA-W-220215	Total/NA	Water	SM 2540C	
880-11319-8	MW027-W-220215	Total/NA	Water	SM 2540C	
MB 830-760/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-760/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-760/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-11319-1 DU	MW100-W-220215	Total/NA	Water	SM 2540C	

Analysis Batch: 20017

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11319-1	MW100-W-220215	Dissolved	Water	7196A	
880-11319-2	MW086SA-W-220215	Dissolved	Water	7196A	
880-11319-3	MW071SA-W-220215	Dissolved	Water	7196A	
880-11319-4	MW065SA-W-220215	Dissolved	Water	7196A	
880-11319-5	MW076SA-W-220215	Dissolved	Water	7196A	
880-11319-6	MW075SA-W-220215	Dissolved	Water	7196A	
880-11319-7	MW084SA-W-220215	Dissolved	Water	7196A	
880-11319-8	MW027-W-220215	Dissolved	Water	7196A	
MB 880-20017/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20017/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20017/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11319-1 MS	MW100-W-220215	Dissolved	Water	7196A	
880-11319-1 MSD	MW100-W-220215	Dissolved	Water	7196A	

Lab Chronicle

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW100-W-220215
Date Collected: 02/15/22 11:50
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-1
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			42765	02/25/22 04:42	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:18	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Client Sample ID: MW086SA-W-220215
Date Collected: 02/15/22 12:17
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-2
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			42765	02/25/22 04:54	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:22	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42522	02/22/22 20:37	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Client Sample ID: MW071SA-W-220215
Date Collected: 02/15/22 12:38
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-3
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			42765	02/25/22 05:06	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:25	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Client Sample ID: MW065SA-W-220215
Date Collected: 02/15/22 13:08
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-4
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			42765	02/25/22 05:18	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:28	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW076SA-W-220215
Date Collected: 02/15/22 13:32
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-5
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			42765	02/25/22 05:30	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:31	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42522	02/22/22 20:40	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Client Sample ID: MW075SA-W-220215
Date Collected: 02/15/22 13:50
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-6
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			42765	02/25/22 05:42	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:34	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42522	02/22/22 20:43	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Client Sample ID: MW084SA-W-220215
Date Collected: 02/15/22 14:32
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-7
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			42765	02/25/22 05:54	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:38	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42522	02/22/22 20:46	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Client Sample ID: MW027-W-220215
Date Collected: 02/15/22 15:17
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-8
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			42765	02/25/22 06:06	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42381	02/21/22 23:41	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42180	02/21/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42522	02/22/22 20:50	DP	XEN STF

Lab Chronicle

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW027-W-220215

Date Collected: 02/15/22 15:17
Date Received: 02/16/22 08:00

Lab Sample ID: 880-11319-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	7196A		1	100 mL	100 mL	20017	02/16/22 10:04	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	760	02/17/22 17:00	DH	XEN EP

Laboratory References:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

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

Job ID: 880-11319-1
SDG: 30109021

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

Laboratory: Eurofins El Paso

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-21-19	04-30-22

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-21-44	06-30-22

Method Summary

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

Job ID: 880-11319-1
SDG: 30109021

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
6020A	Metals (ICP/MS)	SW846	XEN STF
7196A	Chromium, Hexavalent	SW846	XEN MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	XEN EP
3010A	Preparation, Total Metals	SW846	XEN STF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
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:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 880-11319-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11319-1	MW100-W-220215	Water	02/15/22 11:50	02/16/22 08:00
880-11319-2	MW086SA-W-220215	Water	02/15/22 12:17	02/16/22 08:00
880-11319-3	MW071SA-W-220215	Water	02/15/22 12:38	02/16/22 08:00
880-11319-4	MW065SA-W-220215	Water	02/15/22 13:08	02/16/22 08:00
880-11319-5	MW076SA-W-220215	Water	02/15/22 13:32	02/16/22 08:00
880-11319-6	MW075SA-W-220215	Water	02/15/22 13:50	02/16/22 08:00
880-11319-7	MW084SA-W-220215	Water	02/15/22 14:32	02/16/22 08:00
880-11319-8	MW027-W-220215	Water	02/15/22 15:17	02/16/22 08:00

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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

Work 880-11319 Chain of Custody

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	
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):	1.6/1.5	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.1	
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)	Work Order Notes
MW100-W-220215	W	02/15/22	1150		4			X	X	X	X	TAT starts the day recevied by the lab, if received by 4:30pm
MW086SA-W-220215	W	02/15/22	1217		4			X	X	X	X	Sample Comments
MW071SA-W-220215	W	02/15/22	1238		4			X	X	X	X	1 Liter Cool
MW065SA-W-220215	W	02/15/22	1308		4			X	X	X	X	~~250~~ 500 Cool
MW078SA-W-220215	W	02/15/22	1332		4			X	X	X	X	250 Cool
MW075SA-W-220215	W	02/15/22	1350		4			X	X	X	X	250 HNO3
MW084-SA-W-220215	W	02/15/22	1432		4			X	X	X	X	
MW027-W-220215	W	02/15/22	1517		4			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			2/15/22 1750	2		2/16/22 800
3				4		
5				6		

Revised Date 051418 Rev. 2018.1

3/18/2022 (Rev. 1)
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Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3812.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11319-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/22/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW100-W-220215 (880-11319-1)	2/15/22	11:50 Central		Water			X	1	
MW865A-W-220215 (880-11319-2)	2/15/22	12:17 Central		Water			X	1	
MW715A-W-220215 (880-11319-3)	~~2/15/22~~	12:38 Central		Water			X	1	
MW655A-W-220215 (880-11319-4)	2/15/22	13:08 Central		Water			X	1	
MW765A-W-220215 (880-11319-5)	2/15/22	13:32 Central		Water			X	1	
MW755A-W-220215 (880-11319-6)	2/15/22	13:50 Central		Water			X	1	
MW024-W-220215 (880-11319-7)	2/15/22	14:32 Central		Water			X	1	
MW027-W-220215 (880-11319-8)	2/15/22	15:17 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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	Date/Time	Company
1	J Kramer	2/16/22 1700			2-17-22 12:20	
2						
3						

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR2 0.00 | 6-6

Ver: 06/08/2021

Received by OCD: 3/29/2023 1:11:13 PM

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Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-3817 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11319-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/22/2022			Preservation Codes:
City: Stafford	TAT Requested (days):			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 I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)
State, Zip: TX, 77477				Other:
Phone: 281-240-4200(Tel)	PO #:			
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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW100-W-220215 (880-11319-1)	2/15/22	11 50 Central		Water			X	X	2	
MW865A-W-220215 (880-11319-2)	2/15/22	12 17 Central		Water			X	X	2	
MW715A-W-220215 (880-11319-3)	2/15/22	12:38 Central		Water			X	X	2	
MW655A-W-220215 (880-11319-4)	2/15/22	13:08 Central		Water			X	X	2	
MW765A-W-220215 (880-11319-5)	2/15/22	13:32 Central		Water			X	X	2	
MW755A-W-220215 (880-11319-6)	2/15/22	13:50 Central		Water			X	X	2	
MW024-W-220215 (880-11319-7)	2/15/22	14.32 Central		Water			X	X	2	
MW027-W-220215 (880-11319-8)	2/15/22	15:17 Central		Water			X	X	2	

Temp: 2.3 IR ID:HOU-223
C/F: -0.1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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: Leticia Rodriguez	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/17/2022 10:31	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:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-11319-1
SDG Number: 30109021

Login Number: 11319
List Number: 1
Creator: Teel, Brianna

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: 880-11319-1
SDG Number: 30109021

Login Number: 11319
List Number: 2
Creator: Aparicio, Niria

List Source: Eurofins El Paso
List Creation: 02/17/22 12:51 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").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-11319-1
SDG Number: 30109021

Login Number: 11319
List Number: 3
Creator: Milone, Jeancarlo

List Source: Eurofins Houston
List Creation: 02/17/22 02:17 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	

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ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11397-1
Client Project/Site: Eunice Project - N Eunice

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
2/28/2022 7:43:59 PM

John Builes, Project Manager
(281)240-4200
john.builes@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-11397-1

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
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.
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
H3	Sample was received and analyzed past 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: 880-11397-1
Project/Site: Eunice Project - N Eunice

Job ID: 880-11397-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11397-1

Receipt
The samples were received on 2/17/2022 8:04 AM. 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 2.9°C

HPLC/IC
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
Method 7196A: The following sample was received without an indicated holding time: DUP01-W-220216 (880-11397-20).

Method 7196A: The following samples did not generate the appropriate color change, indicating the absence of Hexavalent Chromium. Sample 880-11397-2 indicated the false positive result: 0.010023 mg/L. Sample 880-11397-3 indicated the result: 0.000580 mg/L below the method detection limit. The color change observed was consistent with a possible iron interferent, therefore the samples have been reported as 0.0000 mg/L. IW010-W-220216 (880-11397-2) and IW008-W-220216 (880-11397-3)

Method 7196A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW061-W-220216 (880-11397-17), MW013-W-220216 (880-11397-18), (880-11397-D-17 MS) and (880-11397-D-17 MSD). 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.

Released to Imaging: 4/10/2023 11:55:37 AM

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW085SA-W-220216 Lab Sample ID: 880-11397-1

Date Collected: 02/16/22 09:10 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		5.00	2.00	mg/L			02/25/22 23:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0151		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:09	1
Chromium	0.0346		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:09	1
Iron	0.0276	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:09	1
Manganese	0.0609		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3610		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0254		0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: IW010-W-220216 Lab Sample ID: 880-11397-2

Date Collected: 02/16/22 09:31 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		5.00	2.00	mg/L			02/25/22 23:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00792		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:31	1
Chromium	0.00231	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:31	1
Iron	12.0		5.00	1.14	mg/L		02/22/22 10:00	02/23/22 13:27	50
Manganese	7.98		0.100	0.00993	mg/L		02/22/22 10:00	02/23/22 13:27	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3700		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: IW008-W-220216 Lab Sample ID: 880-11397-3

Date Collected: 02/16/22 09:53 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873		5.00	2.00	mg/L			02/25/22 23:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00964		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:34	1
Chromium	0.00453		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:34	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: IW008-W-220216 Lab Sample ID: 880-11397-3

Date Collected: 02/16/22 09:53 **Matrix: Water**
Date Received: 02/17/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	4.12		0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:34	1
Manganese	1.74		0.100	0.00993	mg/L		02/22/22 10:00	02/23/22 13:30	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2660		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW066SA-W-220216 Lab Sample ID: 880-11397-4

Date Collected: 02/16/22 10:17 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		5.00	2.00	mg/L			02/25/22 23:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00829		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:38	1
Chromium	0.0198		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:38	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:38	1
Manganese	0.0432		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2510		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0200		0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW073SA-W220216 Lab Sample ID: 880-11397-5

Date Collected: 02/16/22 10:38 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	402		5.00	2.00	mg/L			02/26/22 00:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:41	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:41	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:41	1
Manganese	0.00111	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1410		100	100	mg/L			02/19/22 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW073SA-W220216 Lab Sample ID: 880-11397-5

Date Collected: 02/16/22 10:38 **Matrix: Water**
Date Received: 02/17/22 08:04

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW072SA-W-220216 Lab Sample ID: 880-11397-6

Date Collected: 02/16/22 11:01 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		5.00	2.00	mg/L			02/26/22 00:16	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0156**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:44	1
Chromium	**0.000553**	**J**	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:44	1
Iron	**0.0711**	**J**	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:44	1
Manganese	**0.00234**		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1160**		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW055SA-W-220216 Lab Sample ID: 880-11397-7

Date Collected: 02/16/22 11:42 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**704**		5.00	2.00	mg/L			02/26/22 00:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00754**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:47	1
Chromium	**0.181**		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:47	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:47	1
Manganese	**0.000452**	**J**	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1890**		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.175**		0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW56SA-W-220216 Lab Sample ID: 880-11397-8

Date Collected: 02/16/22 12:14 Matrix: Water
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		5.00	2.00	mg/L			02/26/22 01:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0143		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:50	1
Chromium	0.308		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:50	1
Iron	0.0556	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:50	1
Manganese	0.00107	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3460		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.286		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW074SA-W-220216 Lab Sample ID: 880-11397-9

Date Collected: 02/16/22 12:37 Matrix: Water
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	730		5.00	2.00	mg/L			02/26/22 01:14	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0137		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:54	1
Chromium	0.0132		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:54	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:54	1
Manganese	0.000562	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2430		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0120		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW057SA-W-220216 Lab Sample ID: 880-11397-10

Date Collected: 02/16/22 13:07 Matrix: Water
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		5.00	2.00	mg/L			02/26/22 01:26	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0129		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:57	1
Chromium	0.0145		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:57	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW057SA-W-220216 Lab Sample ID: 880-11397-10

Date Collected: 02/16/22 13:07 **Matrix: Water**
Date Received: 02/17/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:57	1
Manganese	**0.000901**	**J**	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1440**		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.0115**		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW021A-W-220216 Lab Sample ID: 880-11397-11

Date Collected: 02/16/22 13:31 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2620**		5.00	2.00	mg/L			02/26/22 01:38	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0106**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:00	1
Chromium	**0.00259**	**J**	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:00	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:00	1
Manganese	**0.0211**		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**5750**		500	500	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW050SA-W220216 Lab Sample ID: 880-11397-12

Date Collected: 02/16/22 14:05 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1290**		5.00	2.00	mg/L			02/26/22 01:49	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00989**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:09	1
Chromium	**0.430**		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:09	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:09	1
Manganese	**0.0123**		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3580**		200	200	mg/L			02/19/22 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW050SA-W220216 Lab Sample ID: 880-11397-12

Date Collected: 02/16/22 14:05 **Matrix: Water**
Date Received: 02/17/22 08:04

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.221		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW026-W-220216 Lab Sample ID: 880-11397-13

Date Collected: 02/16/22 10:25 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		0.500	0.200	mg/L			02/26/22 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00872		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:13	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:13	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:13	1
Manganese	0.000447	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	836		50.0	50.0	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW032-W-220216 Lab Sample ID: 880-11397-14

Date Collected: 02/16/22 10:55 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	372		5.00	2.00	mg/L			02/26/22 02:36	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00359	J	0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:16	1
Chromium	0.00261	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:16	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:16	1
Manganese	0.000779	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2080		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW068-W-220216 Lab Sample ID: 880-11397-15

Date Collected: 02/16/22 11:45 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6400		50.0	20.0	mg/L			02/26/22 02:47	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0161	J	0.0400	0.00246	mg/L		02/22/22 10:00	02/23/22 13:33	10
Chromium	<0.00525	U	0.0400	0.00525	mg/L		02/22/22 10:00	02/23/22 13:33	10
Iron	0.525	J	1.00	0.227	mg/L		02/22/22 10:00	02/23/22 13:33	10
Manganese	3.66		0.0200	0.00199	mg/L		02/22/22 10:00	02/23/22 13:33	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10200		500	500	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW094-W-220216 Lab Sample ID: 880-11397-16

Date Collected: 02/16/22 12:55 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	637		5.00	2.00	mg/L			02/26/22 03:22	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:22	1
Chromium	0.316		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:22	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:22	1
Manganese	0.0302		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3990		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.163		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW061-W-220216 Lab Sample ID: 880-11397-17

Date Collected: 02/16/22 13:40 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.00	2.00	mg/L			02/26/22 03:34	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0108		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:25	1
Chromium	0.824		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:25	1

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW061-W-220216 Lab Sample ID: 880-11397-17

Date Collected: 02/16/22 13:40 Matrix: Water
Date Received: 02/17/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0292	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:25	1
Manganese	0.0205		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4530		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.850		0.0500	0.0137	mg/L			02/17/22 11:15	5

Client Sample ID: MW013-W-220216 Lab Sample ID: 880-11397-18

Date Collected: 02/16/22 14:40 Matrix: Water
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	897		5.00	2.00	mg/L			02/26/22 03:45	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00717		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:29	1
Chromium	1.22		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:29	1
Iron	0.0382	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:29	1
Manganese	0.000611	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3500		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.13		0.100	0.0273	mg/L			02/17/22 11:15	10

Client Sample ID: MW040A-220216 Lab Sample ID: 880-11397-19

Date Collected: 02/16/22 15:20 Matrix: Water
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		0.500	0.200	mg/L			02/26/22 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0204		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:32	1
Chromium	0.00233	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:32	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:32	1
Manganese	0.000274	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	516		50.0	50.0	mg/L			02/19/22 16:00	1

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc.
Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW040A-220216
Lab Sample ID: 880-11397-19
Date Collected: 02/16/22 15:20
Matrix: Water
Date Received: 02/17/22 08:04

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00853	J	0.0100	0.00273	mg/L			02/17/22 11:15	1

Client Sample ID: DUP01-W-220216
Lab Sample ID: 880-11397-20
Date Collected: 02/16/22 00:00
Matrix: Water
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		5.00	2.00	mg/L			02/26/22 04:32	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0107		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:35	1
Chromium	0.815		0.0200	0.00262	mg/L		02/22/22 10:00	02/23/22 13:40	5
Iron	<0.114	U	0.500	0.114	mg/L		02/22/22 10:00	02/23/22 13:40	5
Manganese	0.0190		0.0100	0.000993	mg/L		02/22/22 10:00	02/23/22 13:40	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4550		200	200	mg/L			02/21/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.825	H H3	0.0500	0.0137	mg/L			02/17/22 09:00	5

QC Sample Results

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

Job ID: 880-11397-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-42915/58
Matrix: Water
Analysis Batch: 42915

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			02/25/22 22:43	1

Lab Sample ID: LCS 860-42915/59
Matrix: Water
Analysis Batch: 42915

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	10.52		mg/L		105	90 - 110		

Lab Sample ID: LCSD 860-42915/60
Matrix: Water
Analysis Batch: 42915

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	10.17		mg/L		102	90 - 110	3	20

Lab Sample ID: 880-11397-13 MS
Matrix: Water
Analysis Batch: 42915

Client Sample ID: MW026-W-220216
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	96.5		10.0	106.9	4	mg/L		104	90 - 110		

Lab Sample ID: 880-11397-13 MSD
Matrix: Water
Analysis Batch: 42915

Client Sample ID: MW026-W-220216
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	96.5		10.0	107.1	4	mg/L		106	90 - 110	0	20

Lab Sample ID: 880-11397-19 MS
Matrix: Water
Analysis Batch: 42915

Client Sample ID: MW040A-220216
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	59.2		10.0	69.79	4	mg/L		106	90 - 110		

Lab Sample ID: 880-11397-19 MSD
Matrix: Water
Analysis Batch: 42915

Client Sample ID: MW040A-220216
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	59.2		10.0	69.67	4	mg/L		105	90 - 110	0	20

QC Sample Results

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

Job ID: 880-11397-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-42368/1-A
Matrix: Water
Analysis Batch: 42556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42368

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 21:59	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 21:59	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 21:59	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 21:59	1

Lab Sample ID: LCS 860-42368/2-A
Matrix: Water
Analysis Batch: 42556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42368

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic			0.100	0.09673		mg/L		97	80 - 120		
Chromium			0.100	0.09804		mg/L		98	80 - 120		
Iron			0.500	0.4905		mg/L		98	80 - 120		
Manganese			0.100	0.09802		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-42368/3-A
Matrix: Water
Analysis Batch: 42556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42368

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			0.100	0.09732		mg/L		97	80 - 120	1	20
Chromium			0.100	0.09803		mg/L		98	80 - 120	0	20
Iron			0.500	0.4887		mg/L		98	80 - 120	0	20
Manganese			0.100	0.09805		mg/L		98	80 - 120	0	20

Lab Sample ID: 880-11397-1 MS
Matrix: Water
Analysis Batch: 42556

Client Sample ID: MW085SA-W-220216
Prep Type: Dissolved
Prep Batch: 42368

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Arsenic	0.0151		0.100	0.1136		mg/L		98	75 - 125		
Chromium	0.0346		0.100	0.1347		mg/L		100	75 - 125		
Iron	0.0276	J	0.500	0.5139		mg/L		97	75 - 125		
Manganese	0.0609		0.100	0.1570		mg/L		96	75 - 125		

Lab Sample ID: 880-11397-1 MSD
Matrix: Water
Analysis Batch: 42556

Client Sample ID: MW085SA-W-220216
Prep Type: Dissolved
Prep Batch: 42368

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0151		0.100	0.1135		mg/L		98	75 - 125	0	20
Chromium	0.0346		0.100	0.1349		mg/L		100	75 - 125	0	20
Iron	0.0276	J	0.500	0.5172		mg/L		98	75 - 125	1	20
Manganese	0.0609		0.100	0.1601		mg/L		99	75 - 125	2	20

QC Sample Results

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

Job ID: 880-11397-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-20018/3
Matrix: Water
Analysis Batch: 20018

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Lab Sample ID: LCS 880-20018/4
Matrix: Water
Analysis Batch: 20018

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	0.04133		mg/L		103	85 - 115

Lab Sample ID: LCSD 880-20018/5
Matrix: Water
Analysis Batch: 20018

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	0.04133		mg/L		103	85 - 115	0	20

Lab Sample ID: MB 880-20051/3
Matrix: Water
Analysis Batch: 20051

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 10:16	1

Lab Sample ID: LCS 880-20051/4
Matrix: Water
Analysis Batch: 20051

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	0.04084		mg/L		102	85 - 115

Lab Sample ID: LCSD 880-20051/5
Matrix: Water
Analysis Batch: 20051

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	0.04084		mg/L		102	85 - 115	0	20

Lab Sample ID: MB 880-20213/13
Matrix: Water
Analysis Batch: 20213

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 11:15	1

Lab Sample ID: MB 880-20213/3
Matrix: Water
Analysis Batch: 20213

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 11:15	1

QC Sample Results

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

Job ID: 880-11397-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCS 880-20213/4
Matrix: Water
Analysis Batch: 20213

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	0.04283		mg/L		107	85 - 115		

Lab Sample ID: LCSD 880-20213/5
Matrix: Water
Analysis Batch: 20213

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	0.04283		mg/L		107	85 - 115	0	20

Lab Sample ID: 880-11397-1 MS
Matrix: Water
Analysis Batch: 20018

Client Sample ID: MW085SA-W-220216
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.0254		0.200	0.1974		mg/L		86	85 - 115		

Lab Sample ID: 880-11397-1 MSD
Matrix: Water
Analysis Batch: 20018

Client Sample ID: MW085SA-W-220216
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.0254		0.200	0.1979		mg/L		86	85 - 115	0	20

Lab Sample ID: 880-11397-8 MS
Matrix: Water
Analysis Batch: 20051

Client Sample ID: MW56SA-W-220216
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.286		0.200	0.5065		mg/L		110	85 - 115		

Lab Sample ID: 880-11397-8 MSD
Matrix: Water
Analysis Batch: 20051

Client Sample ID: MW56SA-W-220216
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.286		0.200	0.5065		mg/L		110	85 - 115	0	20

Lab Sample ID: 880-11397-17 MS
Matrix: Water
Analysis Batch: 20213

Client Sample ID: MW061-W-220216
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.850		1.00	1.924		mg/L		107	85 - 115		

Lab Sample ID: 880-11397-17 MSD
Matrix: Water
Analysis Batch: 20213

Client Sample ID: MW061-W-220216
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.850		1.00	1.924		mg/L		107	85 - 115	0	20

QC Sample Results

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

Job ID: 880-11397-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 830-762/1
Matrix: Water
Analysis Batch: 762

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	<25.0	U	25.0	25.0	mg/L			02/19/22 16:00	1

Lab Sample ID: LCS 830-762/2
Matrix: Water
Analysis Batch: 762

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	1004		mg/L		100	90 - 110		

Lab Sample ID: LCSD 830-762/3
Matrix: Water
Analysis Batch: 762

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	1004		mg/L		100	90 - 110	0	10

Lab Sample ID: MB 830-763/1
Matrix: Water
Analysis Batch: 763

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	<25.0	U	25.0	25.0	mg/L			02/21/22 16:00	1

Lab Sample ID: LCS 830-763/2
Matrix: Water
Analysis Batch: 763

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	90 - 110		

Lab Sample ID: LCSD 830-763/3
Matrix: Water
Analysis Batch: 763

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	90 - 110	1	10

Lab Sample ID: 880-11397-20 DU
Matrix: Water
Analysis Batch: 763

Client Sample ID: DUP01-W-220216
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	4550			4528		mg/L				0.4	10

QC Association Summary

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

Job ID: 880-11397-1

HPLC/IC

Analysis Batch: 42915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-1 - DL	MW085SA-W-220216	Total/NA	Water	300.0	
880-11397-2 - DL	IW010-W-220216	Total/NA	Water	300.0	
880-11397-3 - DL	IW008-W-220216	Total/NA	Water	300.0	
880-11397-4 - DL	MW066SA-W-220216	Total/NA	Water	300.0	
880-11397-5 - DL	MW073SA-W220216	Total/NA	Water	300.0	
880-11397-6 - DL	MW072SA-W-220216	Total/NA	Water	300.0	
880-11397-7 - DL	MW055SA-W-220216	Total/NA	Water	300.0	
880-11397-8 - DL	MW56SA-W-220216	Total/NA	Water	300.0	
880-11397-9 - DL	MW074SA-W-220216	Total/NA	Water	300.0	
880-11397-10 - DL	MW057SA-W-220216	Total/NA	Water	300.0	
880-11397-11 - DL	MW021A-W-220216	Total/NA	Water	300.0	
880-11397-12 - DL	MW050SA-W220216	Total/NA	Water	300.0	
880-11397-13	MW026-W-220216	Total/NA	Water	300.0	
880-11397-14 - DL	MW032-W-220216	Total/NA	Water	300.0	
880-11397-15 - DL	MW068-W-220216	Total/NA	Water	300.0	
880-11397-16 - DL	MW094-W-220216	Total/NA	Water	300.0	
880-11397-17 - DL	MW061-W-220216	Total/NA	Water	300.0	
880-11397-18 - DL	MW013-W-220216	Total/NA	Water	300.0	
880-11397-19	MW040A-220216	Total/NA	Water	300.0	
880-11397-20 - DL	DUP01-W-220216	Total/NA	Water	300.0	
MB 860-42915/58	Method Blank	Total/NA	Water	300.0	
LCS 860-42915/59	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-42915/60	Lab Control Sample Dup	Total/NA	Water	300.0	
880-11397-13 MS	MW026-W-220216	Total/NA	Water	300.0	
880-11397-13 MSD	MW026-W-220216	Total/NA	Water	300.0	
880-11397-19 MS	MW040A-220216	Total/NA	Water	300.0	
880-11397-19 MSD	MW040A-220216	Total/NA	Water	300.0	

Metals

Prep Batch: 42368

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-1	MW085SA-W-220216	Dissolved	Water	3010A	
880-11397-2	IW010-W-220216	Dissolved	Water	3010A	
880-11397-3	IW008-W-220216	Dissolved	Water	3010A	
880-11397-4	MW066SA-W-220216	Dissolved	Water	3010A	
880-11397-5	MW073SA-W220216	Dissolved	Water	3010A	
880-11397-6	MW072SA-W-220216	Dissolved	Water	3010A	
880-11397-7	MW055SA-W-220216	Dissolved	Water	3010A	
880-11397-8	MW56SA-W-220216	Dissolved	Water	3010A	
880-11397-9	MW074SA-W-220216	Dissolved	Water	3010A	
880-11397-10	MW057SA-W-220216	Dissolved	Water	3010A	
880-11397-11	MW021A-W-220216	Dissolved	Water	3010A	
880-11397-12	MW050SA-W220216	Dissolved	Water	3010A	
880-11397-13	MW026-W-220216	Dissolved	Water	3010A	
880-11397-14	MW032-W-220216	Dissolved	Water	3010A	
880-11397-15	MW068-W-220216	Dissolved	Water	3010A	
880-11397-16	MW094-W-220216	Dissolved	Water	3010A	
880-11397-17	MW061-W-220216	Dissolved	Water	3010A	
880-11397-18	MW013-W-220216	Dissolved	Water	3010A	
880-11397-19	MW040A-220216	Dissolved	Water	3010A	

QC Association Summary

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

Job ID: 880-11397-1

Metals (Continued)

Prep Batch: 42368 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-20	DUP01-W-220216	Dissolved	Water	3010A	
MB 860-42368/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42368/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42368/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-11397-1 MS	MW085SA-W-220216	Dissolved	Water	3010A	
880-11397-1 MSD	MW085SA-W-220216	Dissolved	Water	3010A	

Analysis Batch: 42556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-1	MW085SA-W-220216	Dissolved	Water	6020A	42368
880-11397-2	IW010-W-220216	Dissolved	Water	6020A	42368
880-11397-3	IW008-W-220216	Dissolved	Water	6020A	42368
880-11397-4	MW066SA-W-220216	Dissolved	Water	6020A	42368
880-11397-5	MW073SA-W220216	Dissolved	Water	6020A	42368
880-11397-6	MW072SA-W-220216	Dissolved	Water	6020A	42368
880-11397-7	MW055SA-W-220216	Dissolved	Water	6020A	42368
880-11397-8	MW56SA-W-220216	Dissolved	Water	6020A	42368
880-11397-9	MW074SA-W-220216	Dissolved	Water	6020A	42368
880-11397-10	MW057SA-W-220216	Dissolved	Water	6020A	42368
880-11397-11	MW021A-W-220216	Dissolved	Water	6020A	42368
880-11397-12	MW050SA-W220216	Dissolved	Water	6020A	42368
880-11397-13	MW026-W-220216	Dissolved	Water	6020A	42368
880-11397-14	MW032-W-220216	Dissolved	Water	6020A	42368
880-11397-16	MW094-W-220216	Dissolved	Water	6020A	42368
880-11397-17	MW061-W-220216	Dissolved	Water	6020A	42368
880-11397-18	MW013-W-220216	Dissolved	Water	6020A	42368
880-11397-19	MW040A-220216	Dissolved	Water	6020A	42368
880-11397-20	DUP01-W-220216	Dissolved	Water	6020A	42368
MB 860-42368/1-A	Method Blank	Total/NA	Water	6020A	42368
LCS 860-42368/2-A	Lab Control Sample	Total/NA	Water	6020A	42368
LCSD 860-42368/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42368
880-11397-1 MS	MW085SA-W-220216	Dissolved	Water	6020A	42368
880-11397-1 MSD	MW085SA-W-220216	Dissolved	Water	6020A	42368

Analysis Batch: 42707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-2	IW010-W-220216	Dissolved	Water	6020A	42368
880-11397-3	IW008-W-220216	Dissolved	Water	6020A	42368
880-11397-15	MW068-W-220216	Dissolved	Water	6020A	42368
880-11397-20	DUP01-W-220216	Dissolved	Water	6020A	42368

General Chemistry

Analysis Batch: 762

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-1	MW085SA-W-220216	Total/NA	Water	SM 2540C	
880-11397-2	IW010-W-220216	Total/NA	Water	SM 2540C	
880-11397-3	IW008-W-220216	Total/NA	Water	SM 2540C	
880-11397-4	MW066SA-W-220216	Total/NA	Water	SM 2540C	
880-11397-5	MW073SA-W220216	Total/NA	Water	SM 2540C	
880-11397-6	MW072SA-W-220216	Total/NA	Water	SM 2540C	

QC Association Summary

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

Job ID: 880-11397-1

General Chemistry (Continued)

Analysis Batch: 762 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-7	MW055SA-W-220216	Total/NA	Water	SM 2540C	
880-11397-8	MW56SA-W-220216	Total/NA	Water	SM 2540C	
880-11397-9	MW074SA-W-220216	Total/NA	Water	SM 2540C	
880-11397-10	MW057SA-W-220216	Total/NA	Water	SM 2540C	
880-11397-11	MW021A-W-220216	Total/NA	Water	SM 2540C	
880-11397-12	MW050SA-W220216	Total/NA	Water	SM 2540C	
880-11397-13	MW026-W-220216	Total/NA	Water	SM 2540C	
880-11397-14	MW032-W-220216	Total/NA	Water	SM 2540C	
880-11397-15	MW068-W-220216	Total/NA	Water	SM 2540C	
880-11397-16	MW094-W-220216	Total/NA	Water	SM 2540C	
880-11397-17	MW061-W-220216	Total/NA	Water	SM 2540C	
880-11397-18	MW013-W-220216	Total/NA	Water	SM 2540C	
880-11397-19	MW040A-220216	Total/NA	Water	SM 2540C	
MB 830-762/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-762/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-762/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 763

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-20	DUP01-W-220216	Total/NA	Water	SM 2540C	
MB 830-763/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-763/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-763/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-11397-20 DU	DUP01-W-220216	Total/NA	Water	SM 2540C	

Analysis Batch: 20018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-1	MW085SA-W-220216	Dissolved	Water	7196A	
880-11397-2	IW010-W-220216	Dissolved	Water	7196A	
880-11397-3	IW008-W-220216	Dissolved	Water	7196A	
880-11397-4	MW066SA-W-220216	Dissolved	Water	7196A	
880-11397-5	MW073SA-W220216	Dissolved	Water	7196A	
880-11397-6	MW072SA-W-220216	Dissolved	Water	7196A	
880-11397-7	MW055SA-W-220216	Dissolved	Water	7196A	
880-11397-13	MW026-W-220216	Dissolved	Water	7196A	
880-11397-14	MW032-W-220216	Dissolved	Water	7196A	
880-11397-20	DUP01-W-220216	Dissolved	Water	7196A	
MB 880-20018/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20018/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20018/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11397-1 MS	MW085SA-W-220216	Dissolved	Water	7196A	
880-11397-1 MSD	MW085SA-W-220216	Dissolved	Water	7196A	

Analysis Batch: 20051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-8	MW56SA-W-220216	Dissolved	Water	7196A	
880-11397-9	MW074SA-W-220216	Dissolved	Water	7196A	
880-11397-10	MW057SA-W-220216	Dissolved	Water	7196A	
880-11397-11	MW021A-W-220216	Dissolved	Water	7196A	
880-11397-12	MW050SA-W220216	Dissolved	Water	7196A	
880-11397-15	MW068-W-220216	Dissolved	Water	7196A	

QC Association Summary

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

General Chemistry (Continued)

Analysis Batch: 20051 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-16	MW094-W-220216	Dissolved	Water	7196A	
MB 880-20051/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20051/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20051/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11397-8 MS	MW56SA-W-220216	Dissolved	Water	7196A	
880-11397-8 MSD	MW56SA-W-220216	Dissolved	Water	7196A	

Analysis Batch: 20213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11397-17	MW061-W-220216	Dissolved	Water	7196A	
880-11397-18	MW013-W-220216	Dissolved	Water	7196A	
880-11397-19	MW040A-220216	Dissolved	Water	7196A	
MB 880-20213/13	Method Blank	Total/NA	Water	7196A	
MB 880-20213/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20213/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20213/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11397-17 MS	MW061-W-220216	Dissolved	Water	7196A	
880-11397-17 MSD	MW061-W-220216	Dissolved	Water	7196A	

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW085SA-W-220216 Lab Sample ID: 880-11397-1

Date Collected: 02/16/22 09:10 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/25/22 23:18	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:09	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: IW010-W-220216 Lab Sample ID: 880-11397-2

Date Collected: 02/16/22 09:31 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/25/22 23:30	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:31	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		50			42707	02/23/22 13:27	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: IW008-W-220216 Lab Sample ID: 880-11397-3

Date Collected: 02/16/22 09:53 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/25/22 23:42	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:34	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		50			42707	02/23/22 13:30	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW066SA-W-220216 Lab Sample ID: 880-11397-4

Date Collected: 02/16/22 10:17 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/25/22 23:53	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:38	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW073SA-W220216 Lab Sample ID: 880-11397-5

Date Collected: 02/16/22 10:38 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 00:05	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:41	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW072SA-W-220216 Lab Sample ID: 880-11397-6

Date Collected: 02/16/22 11:01 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 00:16	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:44	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW055SA-W-220216 Lab Sample ID: 880-11397-7

Date Collected: 02/16/22 11:42 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 00:28	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:47	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW56SA-W-220216 Lab Sample ID: 880-11397-8

Date Collected: 02/16/22 12:14 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 01:03	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:50	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW074SA-W-220216 Lab Sample ID: 880-11397-9

Date Collected: 02/16/22 12:37 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 01:14	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:54	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW057SA-W-220216 Lab Sample ID: 880-11397-10

Date Collected: 02/16/22 13:07 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 01:26	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 22:57	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW021A-W-220216 Lab Sample ID: 880-11397-11

Date Collected: 02/16/22 13:31 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 01:38	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:00	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	10 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW050SA-W220216 Lab Sample ID: 880-11397-12

Date Collected: 02/16/22 14:05 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 01:49	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:09	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW026-W-220216 Lab Sample ID: 880-11397-13

Date Collected: 02/16/22 10:25 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 02:01	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:13	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW032-W-220216 Lab Sample ID: 880-11397-14

Date Collected: 02/16/22 10:55 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 02:36	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:16	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW068-W-220216 Lab Sample ID: 880-11397-15

Date Collected: 02/16/22 11:45 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 02:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		10			42707	02/23/22 13:33	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	10 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW094-W-220216 Lab Sample ID: 880-11397-16

Date Collected: 02/16/22 12:55 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 03:22	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:22	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20051	02/17/22 10:16	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Lab Chronicle

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW061-W-220216 Lab Sample ID: 880-11397-17

Date Collected: 02/16/22 13:40 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 03:34	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:25	SHZ	XEN STF
Dissolved	Analysis	7196A		5	100 mL	100 mL	20213	02/17/22 11:15	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW013-W-220216 Lab Sample ID: 880-11397-18

Date Collected: 02/16/22 14:40 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 03:45	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:29	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20213	02/17/22 11:15	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: MW040A-220216 Lab Sample ID: 880-11397-19

Date Collected: 02/16/22 15:20 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 03:57	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:32	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20213	02/17/22 11:15	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	762	02/19/22 16:00	DH	XEN EP

Client Sample ID: DUP01-W-220216 Lab Sample ID: 880-11397-20

Date Collected: 02/16/22 00:00 **Matrix: Water**
Date Received: 02/17/22 08:04

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			42915	02/26/22 04:32	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:35	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42368	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		5			42707	02/23/22 13:40	DP	XEN STF
Dissolved	Analysis	7196A		5	100 mL	100 mL	20018	02/17/22 09:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	763	02/21/22 16:00	DH	XEN EP

Laboratory References:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Eurofins Midland

Accreditation/Certification Summary

Client: ARCADIS U.S., Inc.
Job ID: 880-11397-1
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	T104704400-21-22	06-30-22

Laboratory: Eurofins El Paso

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-21-19	04-30-22

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-21-44	06-30-22

Method Summary

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

Job ID: 880-11397-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
6020A	Metals (ICP/MS)	SW846	XEN STF
7196A	Chromium, Hexavalent	SW846	XEN MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	XEN EP
3010A	Preparation, Total Metals	SW846	XEN STF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 880-11397-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11397-1	MW085SA-W-220216	Water	02/16/22 09:10	02/17/22 08:04
880-11397-2	IW010-W-220216	Water	02/16/22 09:31	02/17/22 08:04
880-11397-3	IW008-W-220216	Water	02/16/22 09:53	02/17/22 08:04
880-11397-4	MW066SA-W-220216	Water	02/16/22 10:17	02/17/22 08:04
880-11397-5	MW073SA-W220216	Water	02/16/22 10:38	02/17/22 08:04
880-11397-6	MW072SA-W-220216	Water	02/16/22 11:01	02/17/22 08:04
880-11397-7	MW055SA-W-220216	Water	02/16/22 11:42	02/17/22 08:04
880-11397-8	MW56SA-W-220216	Water	02/16/22 12:14	02/17/22 08:04
880-11397-9	MW074SA-W-220216	Water	02/16/22 12:37	02/17/22 08:04
880-11397-10	MW057SA-W-220216	Water	02/16/22 13:07	02/17/22 08:04
880-11397-11	MW021A-W-220216	Water	02/16/22 13:31	02/17/22 08:04
880-11397-12	MW050SA-W220216	Water	02/16/22 14:05	02/17/22 08:04
880-11397-13	MW026-W-220216	Water	02/16/22 10:25	02/17/22 08:04
880-11397-14	MW032-W-220216	Water	02/16/22 10:55	02/17/22 08:04
880-11397-15	MW068-W-220216	Water	02/16/22 11:45	02/17/22 08:04
880-11397-16	MW094-W-220216	Water	02/16/22 12:55	02/17/22 08:04
880-11397-17	MW061-W-220216	Water	02/16/22 13:40	02/17/22 08:04
880-11397-18	MW013-W-220216	Water	02/16/22 14:40	02/17/22 08:04
880-11397-19	MW040A-220216	Water	02/16/22 15:20	02/17/22 08:04
880-11397-20	DUP01-W-220216	Water	02/16/22 00:00	02/17/22 08:04

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Chain of Custody

Work Order No: 11397

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

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	
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):	3.0/2.9	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.1
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)
MW085SA-W-220216	W	02/16/22	0910		4			X	X	X	X
EW020-W-220216	W	02/16/22	0931		4			X	X	X	X
EW009-W-220216	W	02/16/22	0953		4			X	X	X	X
MW066SA-W-220216	W	02/16/22	1017		4			X	X	X	X
MW073SA-W-220216	W	02/16/22	1038		4			X	X	X	X
MW072SA-W-220216	W	02/16/22	1101		4			X	X	X	X
MW055SA-W-220216	W	02/16/22	1142		4			X	X	X	X
MW056SA-W-220216	W	02/16/22	1214		4			X	X	X	X
MW074SA-W-220216	W	02/16/22	1237		4			X	X	X	X
MW057SA-W-220216	W	02/16/22	1307		4			X	X	X	X

Work Order Notes

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

Sample Comments

liter
2-250 cool
1-250 HNO3

880-11397 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			2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 3/29/2023 1:11:13 PM
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Released to Imaging: 4/10/2023 11:55:37 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 2 of 2

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)
MW021A-W-220216	W	02/16/22	1331		4			X	X	X	X
MW050SA-W-220216	W	02/16/22	1405		4			X	X	X	X
MW026-W-220216	W	02/16/22	1020		4			X	X	X	X
MW032-W-220216	W	02/16/22	1055		4			X	X	X	X
MW068-W-220216	W	02/16/22	1145		4			X	X	X	X
MW094W-220216	W	02/16/22	1255		4			X	X	X	X
MW061-W-220216	W	02/16/22	1340		4			X	X	X	X
MW013-W-220216	W	02/16/22	1440		4			X	X	X	X
MW040A-220216	W	02/16/22	1520		4			X	X	X	X
DUP01-W-220216	W	02/16/22	—		4			X	X	X	X

Work Order Notes

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			2/16/22 1647	2			2/17/22 804
3				4			
5				6			

Revised Date 051418 Rev. 2018.1

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.1
Client Contact: Shipping/Receiving	Phone	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW085SA-W-220216 (880-11397-1)	2/16/22	09:10 Central		Water			X	1	
IW010-W-220216 (880-11397-2)	2/16/22	09:31 Central		Water			X	1	
~~IW008-W-220216 (880-11397-3)~~	2/16/22	09:53 Central		Water			X	1	
MW066SA-W-220216 (880-11397-4)	2/16/22	10:17 Central		Water			X	1	
MW073SA-W220216 (880-11397-5)	2/16/22	10:38 Central		Water			X	1	
MW072SA-W-220216 (880-11397-6)	2/16/22	11:01 Central		Water			X	1	
MW055SA-W-220216 (880-11397-7)	2/16/22	11:42 Central		Water			X	1	
MW56SA-W-220216 (880-11397-8)	2/16/22	12:14 Central		Water			X	1	
MW074SA-W-220216 (880-11397-9)	2/16/22	12:37 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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	Date/Time	Company
1	Kramer	2/17/22 1700			2/18/22 10:00	
2						
3						

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R2 0.0 4/4

Ver: 06/08/2021

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

2/28/2022

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project - N Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW040A-220216 (880-11397-19)	2/16/22	15:20 Central		Water			X	1	
DUP01-W-220216 (880-11397-20)	2/16/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: 2/17/22 17:0	Company	Received by	Date/Time: 2-18-22 10:00	Company		
Relinquished by	Date/Time	Company	Received by	Date/Time	Company		
Relinquished by	Date/Time	Company	Received by	Date/Time	Company		
Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	IR 007 4/9			

Ver: 06/08/2021

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW085SA-W-220216 (880-11397-1)	2/16/22	09:10 Central		Water			X	1	
IW010-W-220216 (880-11397-2)	2/16/22	09:31 Central		Water			X	1	
~~IW008-W-220216 (880-11397-3)~~	2/16/22	09:53 Central		Water			X	1	
MW066SA-W-220216 (880-11397-4)	2/16/22	10:17 Central		Water			X	1	
MW073SA-W220216 (880-11397-5)	2/16/22	10:38 Central		Water			X	1	
MW072SA-W-220216 (880-11397-6)	2/16/22	11:01 Central		Water			X	1	
MW055SA-W-220216 (880-11397-7)	2/16/22	11:42 Central		Water			X	1	
MW56SA-W-220216 (880-11397-8)	2/16/22	12:14 Central		Water			X	1	
MW074SA-W-220216 (880-11397-9)	2/16/22	12:37 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
[signature]	2/17/22 1700		[signature]	2/18/22 10:00	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2 0.0 4 4

Ver: 06/08/2021

Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM
2/28/2022
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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project - N Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW040A-220216 (880-11397-19)	2/16/22	15:20 Central		Water			X	1	
DUP01-W-220216 (880-11397-20)	2/16/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon out 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 complicance 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

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	2/17/22 17:0			2-1077 10:00	
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: 1.2 0.0 / 4/4

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Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

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Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3827 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11397 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/23/2022			
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#:			

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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, 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	Total Number of containers	Special Instructions/Note
			Preservation Code:							
MW085SA-W-220216 (880-11397-1)	2/16/22	09:10 Central		Water			X	X	2	
IW010-W-220216 (880-11397-2)	2/16/22	09:31 Central		Water			X	X	2	
IW008-W-220216 (880-11397-3)	2/16/22	09:53 Central		Water			X	X	2	
MW066SA-W-220216 (880-11397-4)	2/16/22	10.17 Central		Water			X	X	2	
MW073SA-W220216 (880-11397-5)	2/16/22	10:38 Central		Water			X	X	2	
MW072SA-W-220216 (880-11397-6)	2/16/22	11 01 Central		Water			X	X	2	
MW055SA-W-220216 (880-11397 7)	2/16/22	11.42 Central		Water			X	X	2	
MW56SA-W-220216 (880-11397-8)	2/16/22	12.14 Central		Water			X	X	2	
MW074SA-W-220216 (880-11397-9)	2/16/22	12.37 Central		Water			X	X	2	

Temp. 2.2 IR ID HOU-223
C/F:-0.1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
	Maria Rodriguez			FedEx		
	Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/18/2022 10:51	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:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Burles, John	Carrier Tracking No(s):	COC No: 880-3827.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.burles@eurofinset.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11397-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/23/2022			
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 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 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW057SA-W-220216 (880-11397 10)	2/16/22	13.07 Central		Water			X	X	2	
MW021A-W-220216 (880-11397 11)	2/16/22	13:31 Central		Water			X	X	2	
MW050SA-W220216 (880-11397 12)	2/16/22	14.05 Central		Water			X	X	2	
MW026-W-220216 (880-11397-13)	2/16/22	10:25 Central		Water			X	X	2	
MW032-W-220216 (880-11397 14)	2/16/22	10:55 Central		Water			X	X	2	
MW068-W-220216 (880-11397 15)	2/16/22	11:45 Central		Water			X	X	2	
MW094-W-220216 (880-11397 16)	2/16/22	12 55 Central		Water			X	X	2	
MW061-W-220216 (880-11397 17)	2/16/22	13:40 Central		Water			X	X	2	
MW013-W-220216 (880-11397 18)	2/16/22	14:40 Central		Water			X	X	2	

Temp. 2.2 IR ID:HOU-223
C/F: -0.1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: 2/18/2022 10:51	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:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3827 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11397 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/23/2022			
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 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
I Ice U Acetone
J DI Water V MCAA
K EDTA W pH 4-5
L EDA 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW040A-220216 (880-11397 19)	2/16/22	15:20 Central		Water			X	X	2	
DUP01-W-220216 (880-11397-20)	2/16/22	Central		Water			X	X	2	

Temp: 2.2 IR ID-HOU-223
C/F: -0.1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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: Adriana Rodriguez	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/18/2022 10:51	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:

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-11397-1

Login Number: 11397 **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: 880-11397-1

Login Number: 11397 **List Source: Eurofins El Paso**
List Number: 2 **List Creation: 02/18/22 11:04 AM**
Creator: Aparicio, Niria

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").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc. Job Number: 880-11397-1

Login Number: 11397 **List Source: Eurofins Houston**
List Number: 3 **List Creation: 02/18/22 12:18 PM**
Creator: Palmar, Pedro

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

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11442-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project-N. Eunice

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
2/28/2022 7:50:04 PM

John Builes, Project Manager
(281)240-4200
john.builes@eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-11442-1
SDG: 30109021

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-11442-1
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.
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.
F1	MS and/or MSD recovery 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.

General Chemistry

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
H3	Sample was received and analyzed past 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
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: 880-11442-1
SDG: 30109021

Job ID: 880-11442-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11442-1

Receipt
The samples were received on 2/18/2022 8:30 AM. 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 2.5°C

HPLC/IC
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
Method 7196A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW051SA-W-220217 (880-11442-1), MW067SA-W-220217 (880-11442-2) and Dup02-W-220217 (880-11442-10). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were analyzed within analytical holding time due to sampling in the Mountain Standard Time zone and analysis in the Central Standard Time zone: MW051SA-W-220217 (880-11442-1) and MW067SA-W-220217 (880-11442-2)

Method 7196A: The following sample was received without sampling time indicated, holding time unknown: Dup02-W-220217 (880-11442-10).

Method 7196A: The following sample was received without sampling time indicated to establish holding time: Dup03-W-220217 (880-11442-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW051SA-W-220217

Lab Sample ID: 880-11442-1
Matrix: Water
Date Collected: 02/17/22 08:12
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		5.00	2.00	mg/L			02/25/22 22:09	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0116	F1	0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:57	1
Chromium	0.749		0.0200	0.00262	mg/L		02/22/22 10:00	02/23/22 13:52	5
Iron	<0.114	U	0.500	0.114	mg/L		02/22/22 10:00	02/23/22 13:52	5
Manganese	0.00634	J	0.0100	0.000993	mg/L		02/22/22 10:00	02/23/22 13:52	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3420		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.821	H	0.100	0.0273	mg/L			02/18/22 08:20	10

Client Sample ID: MW067SA-W-220217

Lab Sample ID: 880-11442-2
Matrix: Water
Date Collected: 02/17/22 08:41
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		0.500	0.200	mg/L			02/26/22 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0193		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:20	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:20	1
Iron	0.0785	J	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:20	1
Manganese	0.00167	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	965		50.0	50.0	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U H	0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW079SA-W-220217

Lab Sample ID: 880-11442-3
Matrix: Water
Date Collected: 02/17/22 09:23
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	345		5.00	2.00	mg/L			02/26/22 09:57	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:23	1
Chromium	0.000559	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:23	1

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW079SA-W-220217

Lab Sample ID: 880-11442-3
Matrix: Water
Date Collected: 02/17/22 09:23
Date Received: 02/18/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0703	J	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:23	1
Manganese	0.0199		0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1350		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: IW003-W-220217

Lab Sample ID: 880-11442-4
Matrix: Water
Date Collected: 02/17/22 09:51
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	938		5.00	2.00	mg/L			02/26/22 10:09	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:26	1
Chromium	0.00463		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:26	1
Iron	4.40		0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:26	1
Manganese	4.08		0.100	0.00993	mg/L		02/22/22 10:00	02/23/22 14:02	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2140		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW054SA-W-220217

Lab Sample ID: 880-11442-5
Matrix: Water
Date Collected: 02/17/22 10:28
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		5.00	2.00	mg/L			02/26/22 10:20	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0109		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:29	1
Chromium	0.121		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:29	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:29	1
Manganese	0.000793	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2170		200	200	mg/L			02/22/22 17:00	1

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW054SA-W-220217

Lab Sample ID: 880-11442-5
Date Collected: 02/17/22 10:28
Matrix: Water
Date Received: 02/18/22 08:30

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.115		0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW052SA-W-220217

Lab Sample ID: 880-11442-6
Date Collected: 02/17/22 10:57
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470		5.00	2.00	mg/L			02/26/22 10:32	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0136		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:33	1
Chromium	0.242		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:33	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:33	1
Manganese	0.000451	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3220		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.232		0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW048SA-W-220217

Lab Sample ID: 880-11442-7
Date Collected: 02/17/22 11:29
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		5.00	2.00	mg/L			02/26/22 11:07	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0122		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:32	1
Chromium	0.254		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:32	1
Iron	0.0251	J	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:32	1
Manganese	0.000842	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3130		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.229		0.0100	0.00273	mg/L			02/18/22 10:00	1

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW049SA-W-220217

Lab Sample ID: 880-11442-8
Date Collected: 02/17/22 12:52
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		5.00	2.00	mg/L			02/26/22 11:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:36	1
Chromium	0.450		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:36	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:36	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2120		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.436		0.0100	0.00273	mg/L			02/18/22 10:00	1

Client Sample ID: MW041A-W-220217

Lab Sample ID: 880-11442-9
Date Collected: 02/17/22 13:39
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	436		5.00	2.00	mg/L			02/26/22 11:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0108		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:55	1
Chromium	0.197		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:55	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:55	1
Manganese	0.00175	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1660		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.177		0.0100	0.00273	mg/L			02/18/22 10:00	1

Client Sample ID: Dup02-W-220217

Lab Sample ID: 880-11442-10
Date Collected: 02/17/22 00:00
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		5.00	2.00	mg/L			02/26/22 11:41	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:39	1
Chromium	0.776		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:39	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11442-1
Project/Site: Eunice Project-N. Eunice SDG: 30109021

Client Sample ID: Dup02-W-220217 Lab Sample ID: 880-11442-10

Date Collected: 02/17/22 00:00 **Matrix: Water**
Date Received: 02/18/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0530	J	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:39	1
Manganese	0.00613		0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3460		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.811	H	0.100	0.0273	mg/L			02/18/22 08:20	10

Client Sample ID: Dup03-W-220217 Lab Sample ID: 880-11442-11

Date Collected: 02/17/22 00:00 **Matrix: Water**
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	705		5.00	2.00	mg/L			02/26/22 11:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:58	1
Chromium	0.478		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:58	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:58	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2260		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.438	H H3	0.0100	0.00273	mg/L			02/18/22 10:00	1

QC Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-42915/110
Matrix: Water
Analysis Batch: 42915

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			02/26/22 08:47	1

Lab Sample ID: MB 860-42915/3
Matrix: Water
Analysis Batch: 42915

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			02/25/22 11:31	1

Lab Sample ID: LCS 860-42915/111
Matrix: Water
Analysis Batch: 42915

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	10.55		mg/L		105	90 - 110

Lab Sample ID: LCS 860-42915/4
Matrix: Water
Analysis Batch: 42915

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	10.53		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-42915/112
Matrix: Water
Analysis Batch: 42915

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	10.21		mg/L		102	90 - 110	3	20

Lab Sample ID: LCSD 860-42915/5
Matrix: Water
Analysis Batch: 42915

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	10.19		mg/L		102	90 - 110	3	20

Lab Sample ID: 880-11442-2 MS
Matrix: Water
Analysis Batch: 42915

Client Sample ID: MW067SA-W-220217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	200		10.0	212.3	4	mg/L		119	90 - 110

Lab Sample ID: 880-11442-2 MSD
Matrix: Water
Analysis Batch: 42915

Client Sample ID: MW067SA-W-220217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	200		10.0	212.9	4	mg/L		124	90 - 110	0	20

QC Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-42376/1-A
Matrix: Water
Analysis Batch: 42556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:48	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:48	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:48	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:48	1

Lab Sample ID: LCS 860-42376/2-A
Matrix: Water
Analysis Batch: 42556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.09659		mg/L		97	80 - 120
Chromium	0.100	0.09645		mg/L		96	80 - 120
Iron	0.500	0.4749		mg/L		95	80 - 120
Manganese	0.100	0.09617		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-42376/3-A
Matrix: Water
Analysis Batch: 42556

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42376

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.100	0.09547		mg/L		95	80 - 120	1	20
Chromium	0.100	0.09664		mg/L		97	80 - 120	0	20
Iron	0.500	0.4747		mg/L		95	80 - 120	0	20
Manganese	0.100	0.09538		mg/L		95	80 - 120	1	20

Lab Sample ID: MB 860-42533/1-A
Matrix: Water
Analysis Batch: 42708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:23	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:23	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:23	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:23	1

Lab Sample ID: LCS 860-42533/2-A
Matrix: Water
Analysis Batch: 42708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.09777		mg/L		98	80 - 120
Chromium	0.100	0.09971		mg/L		100	80 - 120
Iron	0.500	0.4911		mg/L		98	80 - 120
Manganese	0.100	0.09975		mg/L		100	80 - 120

QC Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

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

Lab Sample ID: LCSD 860-42533/3-A
Matrix: Water
Analysis Batch: 42708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42533

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			0.100	0.09519		mg/L		95	80 - 120	3	20
Chromium			0.100	0.09679		mg/L		97	80 - 120	3	20
Iron			0.500	0.4816		mg/L		96	80 - 120	2	20
Manganese			0.100	0.09723		mg/L		97	80 - 120	3	20

Lab Sample ID: 880-11442-1 MS
Matrix: Water
Analysis Batch: 42556

Client Sample ID: MW051SA-W-220217
Prep Type: Dissolved
Prep Batch: 42376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0116	F1	0.100	0.1065		mg/L		95	75 - 125

Lab Sample ID: 880-11442-1 MS
Matrix: Water
Analysis Batch: 42707

Client Sample ID: MW051SA-W-220217
Prep Type: Dissolved
Prep Batch: 42376

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chromium	0.749		0.100	0.8127	4	mg/L		64	75 - 125
Iron	<0.114	U	0.500	0.5075		mg/L		102	75 - 125
Manganese	0.00634	J	0.100	0.09561		mg/L		89	75 - 125

Lab Sample ID: 880-11442-1 MSD
Matrix: Water
Analysis Batch: 42556

Client Sample ID: MW051SA-W-220217
Prep Type: Dissolved
Prep Batch: 42376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0116	F1	0.100	0.1078		mg/L		96	75 - 125	1	20
Chromium	0.816	F1	0.100	0.8874	4	mg/L		71	75 - 125	1	20
Iron	0.0676	J F1	0.500	0.5439		mg/L		95	75 - 125	0	20
Manganese	0.00656	F1	0.100	0.1013		mg/L		95	75 - 125	1	20

Lab Sample ID: 880-11442-1 MSD
Matrix: Water
Analysis Batch: 42707

Client Sample ID: MW051SA-W-220217
Prep Type: Dissolved
Prep Batch: 42376

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chromium	0.749		0.100	0.8547	4	mg/L		106	75 - 125	5	20
Iron	<0.114	U	0.500	0.5294		mg/L		106	75 - 125	4	20
Manganese	0.00634	J	0.100	0.1033		mg/L		97	75 - 125	8	20

Lab Sample ID: 880-11442-7 MS
Matrix: Water
Analysis Batch: 42708

Client Sample ID: MW048SA-W-220217
Prep Type: Dissolved
Prep Batch: 42533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0122		0.100	0.1080		mg/L		96	75 - 125
Chromium	0.254		0.100	0.3407		mg/L		87	75 - 125
Iron	0.0251	J	0.500	0.5087		mg/L		97	75 - 125
Manganese	0.000842	J	0.100	0.09776		mg/L		97	75 - 125

QC Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

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

Lab Sample ID: 880-11442-7 MSD — **Client Sample ID: MW048SA-W-220217**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 42708 — **Prep Batch: 42533**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0122		0.100	0.1083		mg/L		96	75 - 125	0	20
Chromium	0.254		0.100	0.3388		mg/L		85	75 - 125	1	20
Iron	0.0251	J	0.500	0.5057		mg/L		96	75 - 125	1	20
Manganese	0.000842	J	0.100	0.09737		mg/L		97	75 - 125	0	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-20219/17 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 20219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Lab Sample ID: MB 880-20219/18 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 20219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Lab Sample ID: MB 880-20219/19 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 20219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Lab Sample ID: MB 880-20219/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 20219

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Lab Sample ID: LCS 880-20219/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 20219

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.0400	0.04332		mg/L		108	85 - 115

Lab Sample ID: LCSD 880-20219/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 20219

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.0400	0.04332		mg/L		108	85 - 115	0	20

QC Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 880-20220/3
Matrix: Water
Analysis Batch: 20220

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 10:00	1

Lab Sample ID: LCS 880-20220/4
Matrix: Water
Analysis Batch: 20220

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	0.04233		mg/L		106	85 - 115

Lab Sample ID: LCSD 880-20220/5
Matrix: Water
Analysis Batch: 20220

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	0.04233		mg/L		106	85 - 115	0	20

Lab Sample ID: 880-11442-2 MS
Matrix: Water
Analysis Batch: 20219

Client Sample ID: MW067SA-W-220217
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	<0.00273	U H	0.200	0.2128		mg/L		106	85 - 115

Lab Sample ID: 880-11442-2 MSD
Matrix: Water
Analysis Batch: 20219

Client Sample ID: MW067SA-W-220217
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	<0.00273	U H	0.200	0.2128		mg/L		106	85 - 115	0	20

Lab Sample ID: 880-11442-7 MS
Matrix: Water
Analysis Batch: 20220

Client Sample ID: MW048SA-W-220217
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Cr (VI)	0.229		0.200	0.4290		mg/L		100	85 - 115

Lab Sample ID: 880-11442-7 MSD
Matrix: Water
Analysis Batch: 20220

Client Sample ID: MW048SA-W-220217
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.229		0.200	0.4290		mg/L		100	85 - 115	0	20

QC Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 830-767/1
Matrix: Water
Analysis Batch: 767

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	<25.0	U	25.0	25.0	mg/L			02/22/22 17:00	1

Lab Sample ID: LCS 830-767/2
Matrix: Water
Analysis Batch: 767

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	1002		mg/L		100	90 - 110		

Lab Sample ID: LCSD 830-767/3
Matrix: Water
Analysis Batch: 767

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	1003		mg/L		100	90 - 110	0	10

Lab Sample ID: 880-11442-1 DU
Matrix: Water
Analysis Batch: 767

Client Sample ID: MW051SA-W-220217
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3420			3408		mg/L				0.2	10

QC Association Summary

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

Job ID: 880-11442-1
SDG: 30109021

HPLC/IC

Analysis Batch: 42915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-1 - DL	MW051SA-W-220217	Total/NA	Water	300.0	
880-11442-2	MW067SA-W-220217	Total/NA	Water	300.0	
880-11442-3 - DL	MW079SA-W-220217	Total/NA	Water	300.0	
880-11442-4 - DL	IW003-W-220217	Total/NA	Water	300.0	
880-11442-5 - DL	MW054SA-W-220217	Total/NA	Water	300.0	
880-11442-6 - DL	MW052SA-W-220217	Total/NA	Water	300.0	
880-11442-7 - DL	MW048SA-W-220217	Total/NA	Water	300.0	
880-11442-8 - DL	MW049SA-W-220217	Total/NA	Water	300.0	
880-11442-9 - DL	MW041A-W-220217	Total/NA	Water	300.0	
880-11442-10 - DL	Dup02-W-220217	Total/NA	Water	300.0	
880-11442-11 - DL	Dup03-W-220217	Total/NA	Water	300.0	
MB 860-42915/110	Method Blank	Total/NA	Water	300.0	
MB 860-42915/3	Method Blank	Total/NA	Water	300.0	
LCS 860-42915/111	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-42915/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-42915/112	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-42915/5	Lab Control Sample Dup	Total/NA	Water	300.0	
880-11442-2 MS	MW067SA-W-220217	Total/NA	Water	300.0	
880-11442-2 MSD	MW067SA-W-220217	Total/NA	Water	300.0	

Metals

Prep Batch: 42376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-1	MW051SA-W-220217	Dissolved	Water	3010A	
880-11442-2	MW067SA-W-220217	Dissolved	Water	3010A	
880-11442-3	MW079SA-W-220217	Dissolved	Water	3010A	
880-11442-4	IW003-W-220217	Dissolved	Water	3010A	
880-11442-5	MW054SA-W-220217	Dissolved	Water	3010A	
880-11442-6	MW052SA-W-220217	Dissolved	Water	3010A	
880-11442-8	MW049SA-W-220217	Dissolved	Water	3010A	
880-11442-10	Dup02-W-220217	Dissolved	Water	3010A	
MB 860-42376/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42376/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42376/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-11442-1 MS	MW051SA-W-220217	Dissolved	Water	3010A	
880-11442-1 MSD	MW051SA-W-220217	Dissolved	Water	3010A	

Prep Batch: 42533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-7	MW048SA-W-220217	Dissolved	Water	3010A	
880-11442-9	MW041A-W-220217	Dissolved	Water	3010A	
880-11442-11	Dup03-W-220217	Dissolved	Water	3010A	
MB 860-42533/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42533/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42533/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-11442-7 MS	MW048SA-W-220217	Dissolved	Water	3010A	
880-11442-7 MSD	MW048SA-W-220217	Dissolved	Water	3010A	

QC Association Summary

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

Job ID: 880-11442-1
SDG: 30109021

Metals

Analysis Batch: 42556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-1	MW051SA-W-220217	Dissolved	Water	6020A	42376
880-11442-2	MW067SA-W-220217	Dissolved	Water	6020A	42376
880-11442-3	MW079SA-W-220217	Dissolved	Water	6020A	42376
880-11442-4	IW003-W-220217	Dissolved	Water	6020A	42376
880-11442-5	MW054SA-W-220217	Dissolved	Water	6020A	42376
880-11442-6	MW052SA-W-220217	Dissolved	Water	6020A	42376
880-11442-8	MW049SA-W-220217	Dissolved	Water	6020A	42376
880-11442-10	Dup02-W-220217	Dissolved	Water	6020A	42376
MB 860-42376/1-A	Method Blank	Total/NA	Water	6020A	42376
LCS 860-42376/2-A	Lab Control Sample	Total/NA	Water	6020A	42376
LCSD 860-42376/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42376
880-11442-1 MS	MW051SA-W-220217	Dissolved	Water	6020A	42376
880-11442-1 MSD	MW051SA-W-220217	Dissolved	Water	6020A	42376

Analysis Batch: 42707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-1	MW051SA-W-220217	Dissolved	Water	6020A	42376
880-11442-4	IW003-W-220217	Dissolved	Water	6020A	42376
880-11442-1 MS	MW051SA-W-220217	Dissolved	Water	6020A	42376
880-11442-1 MSD	MW051SA-W-220217	Dissolved	Water	6020A	42376

Analysis Batch: 42708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-7	MW048SA-W-220217	Dissolved	Water	6020A	42533
880-11442-9	MW041A-W-220217	Dissolved	Water	6020A	42533
880-11442-11	Dup03-W-220217	Dissolved	Water	6020A	42533
MB 860-42533/1-A	Method Blank	Total/NA	Water	6020A	42533
LCS 860-42533/2-A	Lab Control Sample	Total/NA	Water	6020A	42533
LCSD 860-42533/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42533
880-11442-7 MS	MW048SA-W-220217	Dissolved	Water	6020A	42533
880-11442-7 MSD	MW048SA-W-220217	Dissolved	Water	6020A	42533

General Chemistry

Analysis Batch: 767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-1	MW051SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-2	MW067SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-3	MW079SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-4	IW003-W-220217	Total/NA	Water	SM 2540C	
880-11442-5	MW054SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-6	MW052SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-7	MW048SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-8	MW049SA-W-220217	Total/NA	Water	SM 2540C	
880-11442-9	MW041A-W-220217	Total/NA	Water	SM 2540C	
880-11442-10	Dup02-W-220217	Total/NA	Water	SM 2540C	
880-11442-11	Dup03-W-220217	Total/NA	Water	SM 2540C	
MB 830-767/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-767/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-767/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-11442-1 DU	MW051SA-W-220217	Total/NA	Water	SM 2540C	

QC Association Summary

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

Job ID: 880-11442-1
SDG: 30109021

General Chemistry

Analysis Batch: 20219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-1	MW051SA-W-220217	Dissolved	Water	7196A	
880-11442-2	MW067SA-W-220217	Dissolved	Water	7196A	
880-11442-3	MW079SA-W-220217	Dissolved	Water	7196A	
880-11442-4	IW003-W-220217	Dissolved	Water	7196A	
880-11442-5	MW054SA-W-220217	Dissolved	Water	7196A	
880-11442-6	MW052SA-W-220217	Dissolved	Water	7196A	
880-11442-10	Dup02-W-220217	Dissolved	Water	7196A	
MB 880-20219/17	Method Blank	Total/NA	Water	7196A	
MB 880-20219/18	Method Blank	Total/NA	Water	7196A	
MB 880-20219/19	Method Blank	Total/NA	Water	7196A	
MB 880-20219/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20219/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20219/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11442-2 MS	MW067SA-W-220217	Dissolved	Water	7196A	
880-11442-2 MSD	MW067SA-W-220217	Dissolved	Water	7196A	

Analysis Batch: 20220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11442-7	MW048SA-W-220217	Dissolved	Water	7196A	
880-11442-8	MW049SA-W-220217	Dissolved	Water	7196A	
880-11442-9	MW041A-W-220217	Dissolved	Water	7196A	
880-11442-11	Dup03-W-220217	Dissolved	Water	7196A	
MB 880-20220/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20220/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20220/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11442-7 MS	MW048SA-W-220217	Dissolved	Water	7196A	
880-11442-7 MSD	MW048SA-W-220217	Dissolved	Water	7196A	

Lab Chronicle

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW051SA-W-220217

Lab Sample ID: 880-11442-1
Date Collected: 02/17/22 08:12
Matrix: Water
Date Received: 02/18/22 08:30

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			42915	02/25/22 22:09	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/22/22 23:57	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		5			42707	02/23/22 13:52	DP	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW067SA-W-220217

Lab Sample ID: 880-11442-2
Date Collected: 02/17/22 08:41
Matrix: Water
Date Received: 02/18/22 08:30

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			42915	02/26/22 09:22	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:20	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW079SA-W-220217

Lab Sample ID: 880-11442-3
Date Collected: 02/17/22 09:23
Matrix: Water
Date Received: 02/18/22 08:30

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			42915	02/26/22 09:57	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:23	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: IW003-W-220217

Lab Sample ID: 880-11442-4
Date Collected: 02/17/22 09:51
Matrix: Water
Date Received: 02/18/22 08:30

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			42915	02/26/22 10:09	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:26	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		50			42707	02/23/22 14:02	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW054SA-W-220217

Lab Sample ID: 880-11442-5
Matrix: Water
Date Collected: 02/17/22 10:28
Date Received: 02/18/22 08:30

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			42915	02/26/22 10:20	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:29	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW052SA-W-220217

Lab Sample ID: 880-11442-6
Matrix: Water
Date Collected: 02/17/22 10:57
Date Received: 02/18/22 08:30

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			42915	02/26/22 10:32	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:33	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW048SA-W-220217

Lab Sample ID: 880-11442-7
Matrix: Water
Date Collected: 02/17/22 11:29
Date Received: 02/18/22 08:30

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			42915	02/26/22 11:07	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 17:32	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20220	02/18/22 10:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW049SA-W-220217

Lab Sample ID: 880-11442-8
Matrix: Water
Date Collected: 02/17/22 12:52
Date Received: 02/18/22 08:30

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			42915	02/26/22 11:18	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:36	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20220	02/18/22 10:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW041A-W-220217

Lab Sample ID: 880-11442-9
Matrix: Water
Date Collected: 02/17/22 13:39
Date Received: 02/18/22 08:30

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			42915	02/26/22 11:30	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 17:55	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20220	02/18/22 10:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: Dup02-W-220217

Lab Sample ID: 880-11442-10
Matrix: Water
Date Collected: 02/17/22 00:00
Date Received: 02/18/22 08:30

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			42915	02/26/22 11:41	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42376	02/22/22 10:00	MD	XEN STF
Dissolved	Analysis	6020A		1			42556	02/23/22 00:39	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20219	02/18/22 08:20	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: Dup03-W-220217

Lab Sample ID: 880-11442-11
Matrix: Water
Date Collected: 02/17/22 00:00
Date Received: 02/18/22 08:30

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			42915	02/26/22 11:53	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 17:58	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20220	02/18/22 10:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Laboratory References:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

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

Job ID: 880-11442-1
SDG: 30109021

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

Laboratory: Eurofins El Paso

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-21-19	04-30-22

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-21-44	06-30-22

Method Summary

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

Job ID: 880-11442-1
SDG: 30109021

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
6020A	Metals (ICP/MS)	SW846	XEN STF
7196A	Chromium, Hexavalent	SW846	XEN MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	XEN EP
3010A	Preparation, Total Metals	SW846	XEN STF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 880-11442-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11442-1	MW051SA-W-220217	Water	02/17/22 08:12	02/18/22 08:30
880-11442-2	MW067SA-W-220217	Water	02/17/22 08:41	02/18/22 08:30
880-11442-3	MW079SA-W-220217	Water	02/17/22 09:23	02/18/22 08:30
880-11442-4	IW003-W-220217	Water	02/17/22 09:51	02/18/22 08:30
880-11442-5	MW054SA-W-220217	Water	02/17/22 10:28	02/18/22 08:30
880-11442-6	MW052SA-W-220217	Water	02/17/22 10:57	02/18/22 08:30
880-11442-7	MW048SA-W-220217	Water	02/17/22 11:29	02/18/22 08:30
880-11442-8	MW049SA-W-220217	Water	02/17/22 12:52	02/18/22 08:30
880-11442-9	MW041A-W-220217	Water	02/17/22 13:39	02/18/22 08:30
880-11442-10	Dup02-W-220217	Water	02/17/22 00:00	02/18/22 08:30
880-11442-11	Dup03-W-220217	Water	02/17/22 00:00	02/18/22 08:30

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Chain of Custody

Work Order No: 111442

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 2

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	
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)
MW0515A-W-220217	W	02/17/22	0812		4			X	X	X	X
MW0675A-W-220217	W	02/17/22	0841		4			X	X	X	X
MW0795A-W-220217	W	02/17/22	0923		4			X	X	X	X
TW0003-W-220217	W	02/17/22	0951		4			X	X	X	X
MW0545A-W-220217	W	02/17/22	1025		4			X	X	X	X
MW0525A-W-220217	W	02/17/22	1057		4			X	X	X	X
MW0485A-W-220217	W	02/17/22	1129		4			X	X	X	X
MW0455A-W-220217	W	02/17/22	1252		4			X	X	X	X
MW0411A-W-220217	W	02/17/22	1339		4			X	X	X	X
DUP02-W-220217	W	02/17/22	—		4			X	X	X	X

Work Order Notes

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

Sample Comments

Liter COOL
250 HNO3
2-250 COOL

880-11442 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 Jerry Longwell		02/17/22 1757	2		2/18/22 8:30
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

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Chain of Custody

Work Order No: 11442

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

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)
DUP03-W-220217	W	02/17/22			4			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

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 Kimp S. Longwell		02/17/22 1750	2		2/18/22 8:30
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM
2/28/2022
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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW0515A-W-220217 (880-11442-1)	2/17/22	08:12 Central		Water			X	1	
MW0675A-W-220217 (880-11442-2)	2/17/22	08:41 Central		Water			X	1	
MW0795A-W-220217 (880-11442-3)	2/17/22	09:23 Central		Water			X	1	
IW003-W-220217 (880-11442-4)	2/17/22	09:51 Central		Water			X	1	
MW0545A-W-220217 (880-11442-5)	2/17/22	10:28 Central		Water			X	1	
MW0525A-W-220217 (880-11442-6)	2/17/22	10:57 Central		Water			X	1	
MW0485A-W-220217 (880-11442-7)	2/17/22	11:29 Central		Water			X	1	
MW0495A-W-220217 (880-11442-8)	2/17/22	12:52 Central		Water			X	1	
MW041A-W-220217 (880-11442-9)	2/17/22	13:39 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
Relinquished by: Alfredo Rodriguez	Date/Time	Company	Received by	Date/Time: 2-22-22 9:30	Company: EPCSO
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: 3/29/2023 1:11:13 PM
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2/28/2022
Released to Imaging: 4/10/2023 11:55:37 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 America

2/28/2022

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Dup02-W-220217 (880-11442-10)	2/17/22	Central		Water			X	1	
Dup03-W-220217 (880-11442-11)	2/17/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Estrella Rodriguez	Date/Time:	Company	Received by:		Date/Time: 2-22-22 9:30	Company EPMID	
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

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Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd , Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW0515A-W-220217 (880-11442-1)	2/17/22	08:12 Central		Water			X	1	
MW0675A-W-220217 (880-11442-2)	2/17/22	08:41 Central		Water			X	1	
MW0795A-W-220217 (880-11442-3)	2/17/22	09:23 Central		Water			X	1	
IW003-W-220217 (880-11442-4)	2/17/22	09:51 Central		Water			X	1	
MW0545A-W-220217 (880-11442-5)	2/17/22	10:28 Central		Water			X	1	
MW0525A-W-220217 (880-11442-6)	2/17/22	10:57 Central		Water			X	1	
MW0485A-W-220217 (880-11442-7)	2/17/22	11:29 Central		Water			X	1	
MW0495A-W-220217 (880-11442-8)	2/17/22	12:52 Central		Water			X	1	
MW041A-W-220217 (880-11442-9)	2/17/22	13:39 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
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: 3/29/2023 1:11:13 PM
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2/28/2022
Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
Preservation Code:									
Dup02-W-220217 (880-11442-10)	2/17/22	Central		Water			X	1	
Dup03-W-220217 (880-11442-11)	2/17/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Patricia Rodriguez	Date/Time:	Company	Received by:	Date/Time: 2-22-22 9:30	Company: EPA50		
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: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM
2/28/2022
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Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3833.1
Client Contact: Shipping/Receiving	Phone:	E-Mail john builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11442-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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

Temp. 2.2 IR ID:HOU-223
C/F:-0.1
Corrected Temp: 2.1

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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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	Total Number of Containers	Special Instructions/Note:
			Preservation Code:							
MW0515A-W-220217 (880-11442-1)	2/17/22	08:12 Central		Water			X	X	2	
MW0675A-W-220217 (880-11442-2)	2/17/22	08:41 Central		Water			X	X	2	
MW0795A-W-220217 (880-11442-3)	2/17/22	09:23 Central		Water			X	X	2	
IW003-W-220217 (880-11442-4)	2/17/22	09:51 Central		Water			X	X	2	
MW0545A-W-220217 (880-11442-5)	2/17/22	10:28 Central		Water			X	X	2	
MW0525A-W-220217 (880-11442-6)	2/17/22	10:57 Central		Water			X	X	2	
MW0485A-W-220217 (880-11442-7)	2/17/22	11:29 Central		Water			X	X	2	
MW0495A-W-220217 (880-11442-8)	2/17/22	12:52 Central		Water			X	X	2	
MW041A-W-220217 (880-11442-9)	2/17/22	13:39 Central		Water			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 out 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 complicance 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
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/22/2022 10:10	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-3833.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11442-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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, 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)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Perform MS/MSD (Yes or No)	Special Instructions/Note:
Dup02-W-220217 (880-11442-10)	2/17/22	Central		Water		X	X		
Dup03-W-220217 (880-11442-11)	2/17/22	Central		Water		X	X		

Temp: 2.2 IR ID:HOU-223
C/F:-0 1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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	Relinquished by: FedEx	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/22/2022 10:10	Company EX
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

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-11442-1
SDG Number: 30109021

Login Number: 11442
List Number: 1
Creator: Teel, Brianna

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: 880-11442-1
SDG Number: 30109021

Login Number: 11442
List Number: 3
Creator: Aparicio, Niria

List Source: Eurofins El Paso
List Creation: 02/22/22 10:05 AM

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").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-11442-1
SDG Number: 30109021

Login Number: 11442
List Number: 2
Creator: Milone, Jeancarlo

List Source: Eurofins Houston
List Creation: 02/21/22 11:34 AM

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	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-11442-1
SDG Number: 30109021

Login Number: 11442
List Number: 4
Creator: Milone, Jeancarlo

List Source: Eurofins Houston
List Creation: 02/22/22 12:55 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	

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ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11468-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project-N. Eunice
Revision: 1

For:
ARCADIS U.S. Inc
1100 Olive Way
Suite 800
Seattle, Washington 98101

Attn: Rebecca Andresen

Authorized for release by:
3/17/2022 12:19:09 PM

John Builes, Project Manager
(561)558-4549
john.builes@eurofinset.com

LINKS
Review your project results through TotalAccess
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-11468-1
SDG: 30109021

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Definitions/Glossary

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

Job ID: 880-11468-1
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.
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 U.S. Inc
Project/Site: Eunice Project-N. Eunice

Job ID: 880-11468-1
SDG: 30109021

Job ID: 880-11468-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11468-1

REVISION

The report being provided is a revision of the original report sent on 3/1/2022. The report (revision 1) is being revised due to Revised report to change sample IDs per client request..

Report revision history

Receipt
The samples were received on 2/18/2022 4:20 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 4.6°C

HPLC/IC
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.

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: IW023-W-220218

Lab Sample ID: 880-11468-1
Matrix: Water
Date Collected: 02/18/22 08:42
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	609		5.00	2.00	mg/L			02/28/22 13:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:01	1
Chromium	0.333		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:01	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:01	1
Manganese	0.000806	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2980		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.317		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW093SA-W-220218

Lab Sample ID: 880-11468-2
Matrix: Water
Date Collected: 02/18/22 09:18
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	936		5.00	2.00	mg/L			02/28/22 14:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00849		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:04	1
Chromium	0.475		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:04	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:04	1
Manganese	0.0114		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3600		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.439		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW020A-W-220218

Lab Sample ID: 880-11468-3
Matrix: Water
Date Collected: 02/18/22 09:48
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	975		5.00	2.00	mg/L			02/28/22 14:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:07	1
Chromium	0.00829		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:07	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW020A-W-220218

Lab Sample ID: 880-11468-3
Date Collected: 02/18/22 09:48
Matrix: Water
Date Received: 02/18/22 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:07	1
Manganese	**0.00145**	**J**	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2310**		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.00853**	**J**	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW019A-W-220218

Lab Sample ID: 880-11468-4
Date Collected: 02/18/22 10:12
Matrix: Water
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**378**		5.00	2.00	mg/L			02/28/22 14:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0117**		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:11	1
Chromium	**0.000738**	**J**	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:11	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:11	1
Manganese	**0.00184**	**J**	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1290**		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW018-W-220218

Lab Sample ID: 880-11468-5
Date Collected: 02/18/22 11:48
Matrix: Water
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**199**		5.00	2.00	mg/L			02/28/22 14:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0103**		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:14	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:14	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:14	1
Manganese	**0.000705**	**J**	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1140**		50.0	50.0	mg/L			02/22/22 17:00	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW018-W-220218

Lab Sample ID: 880-11468-5
Matrix: Water
Date Collected: 02/18/22 11:48
Date Received: 02/18/22 16:20

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW062A-W-220218

Lab Sample ID: 880-11468-6
Matrix: Water
Date Collected: 02/18/22 12:26
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		0.500	0.200	mg/L			02/28/22 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0240		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:17	1
Chromium	0.00201	J	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:17	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:17	1
Manganese	0.000302	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	498		50.0	50.0	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.422		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW024A-W-220218

Lab Sample ID: 880-11468-7
Matrix: Water
Date Collected: 02/18/22 12:48
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	966		5.00	2.00	mg/L			02/28/22 03:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:20	1
Chromium	0.437		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:20	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:20	1
Manganese	0.000622	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2560		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.315		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: Dup04-W-220218

Lab Sample ID: 880-11468-8
Matrix: Water
Date Collected: 02/18/22 00:00
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	623		5.00	2.00	mg/L			02/28/22 03:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0100		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:23	1
Chromium	0.322		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:23	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:23	1
Manganese	0.00124	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2890		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW015A-W-220218

Lab Sample ID: 880-11468-9
Matrix: Water
Date Collected: 02/18/22 10:30
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		5.00	2.00	mg/L			02/28/22 04:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00980		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:33	1
Chromium	0.00569		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:33	1
Iron	0.227		0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:33	1
Manganese	0.0179		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	6820		500	500	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW012M-W-220218

Lab Sample ID: 880-11468-10
Matrix: Water
Date Collected: 02/18/22 11:10
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		5.00	2.00	mg/L			02/28/22 04:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0303		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:36	1
Chromium	0.0161		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:36	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW012M-W-220218

Lab Sample ID: 880-11468-10
Matrix: Water
Date Collected: 02/18/22 11:10
Date Received: 02/18/22 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	19.0		2.00	0.455	mg/L		02/23/22 09:30	02/24/22 16:37	20
Manganese	0.326		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3730		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW088M-W-220218

Lab Sample ID: 880-11468-11
Matrix: Water
Date Collected: 02/18/22 11:30
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		5.00	2.00	mg/L			02/28/22 04:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0144		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:39	1
Chromium	0.0986		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:39	1
Iron	12.6		1.00	0.227	mg/L		02/23/22 09:30	02/24/22 16:43	10
Manganese	1.49		0.0200	0.00199	mg/L		02/23/22 09:30	02/24/22 16:43	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4090		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 19:32	1

Client Sample ID: MW095-W-220218

Lab Sample ID: 880-11468-12
Matrix: Water
Date Collected: 02/18/22 13:11
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		5.00	2.00	mg/L			02/28/22 05:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00905		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:42	1
Chromium	3.46		0.200	0.0262	mg/L		02/23/22 09:30	02/24/22 16:50	50
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:42	1
Manganese	0.131		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4720		200	200	mg/L			02/23/22 17:00	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW095-W-220218
Lab Sample ID: 880-11468-12
Date Collected: 02/18/22 13:11
Matrix: Water
Date Received: 02/18/22 16:20

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.94		0.100	0.0273	mg/L			02/18/22 19:33	10

Client Sample ID: Dup05-W-220218
Lab Sample ID: 880-11468-13
Date Collected: 02/18/22 00:00
Matrix: Water
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		5.00	2.00	mg/L			02/28/22 05:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00898		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:46	1
Chromium	3.67		0.400	0.0525	mg/L		02/23/22 09:30	02/23/22 18:58	100
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:46	1
Manganese	0.127		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4420		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	3.19		0.100	0.0273	mg/L			02/18/22 19:32	10

Client Sample ID: MW060-W-220218
Lab Sample ID: 880-11468-14
Date Collected: 02/18/22 13:41
Matrix: Water
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		5.00	2.00	mg/L			02/28/22 05:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00230	J	0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:49	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:49	1
Iron	0.398		0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:49	1
Manganese	6.56		0.200	0.0199	mg/L		02/23/22 09:30	02/23/22 19:02	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3540		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 19:32	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW010-W-220218

Lab Sample ID: 880-11468-15
Matrix: Water
Date Collected: 02/18/22 09:47
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		5.00	2.00	mg/L			02/28/22 05:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00791		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:52	1
Chromium	0.0103		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:52	1
Iron	0.0286	J	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:52	1
Manganese	0.00894		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4700		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00953	J	0.0100	0.00273	mg/L			02/18/22 19:32	1

Client Sample ID: MW016A-W-220218

Lab Sample ID: 880-11468-16
Matrix: Water
Date Collected: 02/18/22 10:10
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	672		5.00	2.00	mg/L			02/28/22 05:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00965		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:55	1
Chromium	0.0105		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:55	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:55	1
Manganese	0.000408	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1460		100	100	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0105		0.0100	0.00273	mg/L			02/18/22 19:32	1

QC Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-43029/3
Matrix: Water
Analysis Batch: 43029

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			02/27/22 23:51	1

Lab Sample ID: MB 860-43029/47
Matrix: Water
Analysis Batch: 43029

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			02/28/22 08:39	1

Lab Sample ID: LCS 860-43029/4
Matrix: Water
Analysis Batch: 43029

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	10.61		mg/L		106	90 - 110

Lab Sample ID: LCS 860-43029/48
Matrix: Water
Analysis Batch: 43029

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	10.63		mg/L		106	90 - 110

Lab Sample ID: LCSD 860-43029/49
Matrix: Water
Analysis Batch: 43029

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	10.24		mg/L		102	90 - 110	4	20

Lab Sample ID: LCSD 860-43029/5
Matrix: Water
Analysis Batch: 43029

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	4	20

Lab Sample ID: 880-11468-6 MS
Matrix: Water
Analysis Batch: 43029

Client Sample ID: MW062A-W-220218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	68.5		10.0	79.56	4	mg/L		110	90 - 110

Lab Sample ID: 880-11468-6 MSD
Matrix: Water
Analysis Batch: 43029

Client Sample ID: MW062A-W-220218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	68.5		10.0	79.48	4	mg/L		110	90 - 110	0	20

QC Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-42533/1-A
Matrix: Water
Analysis Batch: 42708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:23	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:23	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:23	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:23	1

Lab Sample ID: LCS 860-42533/2-A
Matrix: Water
Analysis Batch: 42708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.09777		mg/L		98	80 - 120
Chromium	0.100	0.09971		mg/L		100	80 - 120
Iron	0.500	0.4911		mg/L		98	80 - 120
Manganese	0.100	0.09975		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-42533/3-A
Matrix: Water
Analysis Batch: 42708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.100	0.09519		mg/L		95	80 - 120	3	20
Chromium	0.100	0.09679		mg/L		97	80 - 120	3	20
Iron	0.500	0.4816		mg/L		96	80 - 120	2	20
Manganese	0.100	0.09723		mg/L		97	80 - 120	3	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-19944/3
Matrix: Water
Analysis Batch: 19944

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Lab Sample ID: LCS 880-19944/4
Matrix: Water
Analysis Batch: 19944

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	0.03984		mg/L		100	85 - 115

Lab Sample ID: MB 880-19947/3
Matrix: Water
Analysis Batch: 19947

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 19:32	1

QC Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 880-19947/4
Matrix: Water
Analysis Batch: 19947

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	0.03984		mg/L		100	85 - 115		

Lab Sample ID: LCSD 880-19947/5
Matrix: Water
Analysis Batch: 19947

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	0.03935		mg/L		98	85 - 115	1	20

Lab Sample ID: 880-11468-1 MS
Matrix: Water
Analysis Batch: 19944

Client Sample ID: IW023-W-220218
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.317		0.200	0.5249		mg/L		104	85 - 115		

Lab Sample ID: 880-11468-16 MS
Matrix: Water
Analysis Batch: 19947

Client Sample ID: MW016A-W-220218
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.0105		0.200	0.2277		mg/L		109	85 - 115		

Lab Sample ID: 880-11468-16 MSD
Matrix: Water
Analysis Batch: 19947

Client Sample ID: MW016A-W-220218
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.0105		0.200	0.2272		mg/L		108	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 830-767/1
Matrix: Water
Analysis Batch: 767

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	<25.0	U	25.0	25.0	mg/L			02/22/22 17:00	1

Lab Sample ID: LCS 830-767/2
Matrix: Water
Analysis Batch: 767

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	1002		mg/L		100	90 - 110		

QC Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCSD 830-767/3
Matrix: Water
Analysis Batch: 767

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	1003		mg/L		100	90 - 110	0	10

Lab Sample ID: MB 830-770/1
Matrix: Water
Analysis Batch: 770

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	<25.0	U	25.0	25.0	mg/L			02/23/22 17:00	1

Lab Sample ID: LCS 830-770/2
Matrix: Water
Analysis Batch: 770

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	1001		mg/L		100	90 - 110		

Lab Sample ID: LCSD 830-770/3
Matrix: Water
Analysis Batch: 770

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	996.0		mg/L		100	90 - 110	1	10

Lab Sample ID: 880-11468-10 DU
Matrix: Water
Analysis Batch: 770

Client Sample ID: MW012M-W-220218
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3730			3712		mg/L				0.5	10

QC Association Summary

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

Job ID: 880-11468-1
SDG: 30109021

HPLC/IC

Analysis Batch: 43029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-1 - DL	IW023-W-220218	Total/NA	Water	300.0	
880-11468-2 - DL	MW093SA-W-220218	Total/NA	Water	300.0	
880-11468-3 - DL	MW020A-W-220218	Total/NA	Water	300.0	
880-11468-4 - DL	MW019A-W-220218	Total/NA	Water	300.0	
880-11468-5 - DL	MW018-W-220218	Total/NA	Water	300.0	
880-11468-6	MW062A-W-220218	Total/NA	Water	300.0	
880-11468-7 - DL	MW024A-W-220218	Total/NA	Water	300.0	
880-11468-8 - DL	Dup04-W-220218	Total/NA	Water	300.0	
880-11468-9 - DL	MW015A-W-220218	Total/NA	Water	300.0	
880-11468-10 - DL	MW012M-W-220218	Total/NA	Water	300.0	
880-11468-11 - DL	MW088M-W-220218	Total/NA	Water	300.0	
880-11468-12 - DL	MW095-W-220218	Total/NA	Water	300.0	
880-11468-13 - DL	Dup05-W-220218	Total/NA	Water	300.0	
880-11468-14 - DL	MW060-W-220218	Total/NA	Water	300.0	
880-11468-15 - DL	MW010-W-220218	Total/NA	Water	300.0	
880-11468-16 - DL	MW016A-W-220218	Total/NA	Water	300.0	
MB 860-43029/3	Method Blank	Total/NA	Water	300.0	
MB 860-43029/47	Method Blank	Total/NA	Water	300.0	
LCS 860-43029/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-43029/48	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-43029/49	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-43029/5	Lab Control Sample Dup	Total/NA	Water	300.0	
880-11468-6 MS	MW062A-W-220218	Total/NA	Water	300.0	
880-11468-6 MSD	MW062A-W-220218	Total/NA	Water	300.0	

Metals

Prep Batch: 42533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-1	IW023-W-220218	Dissolved	Water	3010A	
880-11468-2	MW093SA-W-220218	Dissolved	Water	3010A	
880-11468-3	MW020A-W-220218	Dissolved	Water	3010A	
880-11468-4	MW019A-W-220218	Dissolved	Water	3010A	
880-11468-5	MW018-W-220218	Dissolved	Water	3010A	
880-11468-6	MW062A-W-220218	Dissolved	Water	3010A	
880-11468-7	MW024A-W-220218	Dissolved	Water	3010A	
880-11468-8	Dup04-W-220218	Dissolved	Water	3010A	
880-11468-9	MW015A-W-220218	Dissolved	Water	3010A	
880-11468-10	MW012M-W-220218	Dissolved	Water	3010A	
880-11468-11	MW088M-W-220218	Dissolved	Water	3010A	
880-11468-12	MW095-W-220218	Dissolved	Water	3010A	
880-11468-13	Dup05-W-220218	Dissolved	Water	3010A	
880-11468-14	MW060-W-220218	Dissolved	Water	3010A	
880-11468-15	MW010-W-220218	Dissolved	Water	3010A	
880-11468-16	MW016A-W-220218	Dissolved	Water	3010A	
MB 860-42533/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42533/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42533/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

QC Association Summary

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

Job ID: 880-11468-1
SDG: 30109021

Metals

Analysis Batch: 42708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-1	IW023-W-220218	Dissolved	Water	6020A	42533
880-11468-2	MW093SA-W-220218	Dissolved	Water	6020A	42533
880-11468-3	MW020A-W-220218	Dissolved	Water	6020A	42533
880-11468-4	MW019A-W-220218	Dissolved	Water	6020A	42533
880-11468-5	MW018-W-220218	Dissolved	Water	6020A	42533
880-11468-6	MW062A-W-220218	Dissolved	Water	6020A	42533
880-11468-7	MW024A-W-220218	Dissolved	Water	6020A	42533
880-11468-8	Dup04-W-220218	Dissolved	Water	6020A	42533
880-11468-9	MW015A-W-220218	Dissolved	Water	6020A	42533
880-11468-10	MW012M-W-220218	Dissolved	Water	6020A	42533
880-11468-11	MW088M-W-220218	Dissolved	Water	6020A	42533
880-11468-12	MW095-W-220218	Dissolved	Water	6020A	42533
880-11468-13	Dup05-W-220218	Dissolved	Water	6020A	42533
880-11468-13	Dup05-W-220218	Dissolved	Water	6020A	42533
880-11468-14	MW060-W-220218	Dissolved	Water	6020A	42533
880-11468-14	MW060-W-220218	Dissolved	Water	6020A	42533
880-11468-15	MW010-W-220218	Dissolved	Water	6020A	42533
880-11468-16	MW016A-W-220218	Dissolved	Water	6020A	42533
MB 860-42533/1-A	Method Blank	Total/NA	Water	6020A	42533
LCS 860-42533/2-A	Lab Control Sample	Total/NA	Water	6020A	42533
LCSD 860-42533/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42533

Analysis Batch: 42839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-10	MW012M-W-220218	Dissolved	Water	6020A	42533
880-11468-11	MW088M-W-220218	Dissolved	Water	6020A	42533
880-11468-12	MW095-W-220218	Dissolved	Water	6020A	42533

General Chemistry

Analysis Batch: 767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-1	IW023-W-220218	Total/NA	Water	SM 2540C	
880-11468-2	MW093SA-W-220218	Total/NA	Water	SM 2540C	
880-11468-3	MW020A-W-220218	Total/NA	Water	SM 2540C	
880-11468-4	MW019A-W-220218	Total/NA	Water	SM 2540C	
880-11468-5	MW018-W-220218	Total/NA	Water	SM 2540C	
880-11468-6	MW062A-W-220218	Total/NA	Water	SM 2540C	
880-11468-7	MW024A-W-220218	Total/NA	Water	SM 2540C	
880-11468-8	Dup04-W-220218	Total/NA	Water	SM 2540C	
880-11468-9	MW015A-W-220218	Total/NA	Water	SM 2540C	
MB 830-767/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-767/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-767/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-10	MW012M-W-220218	Total/NA	Water	SM 2540C	
880-11468-11	MW088M-W-220218	Total/NA	Water	SM 2540C	
880-11468-12	MW095-W-220218	Total/NA	Water	SM 2540C	
880-11468-13	Dup05-W-220218	Total/NA	Water	SM 2540C	

QC Association Summary

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

Job ID: 880-11468-1
SDG: 30109021

General Chemistry (Continued)

Analysis Batch: 770 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-14	MW060-W-220218	Total/NA	Water	SM 2540C	
880-11468-15	MW010-W-220218	Total/NA	Water	SM 2540C	
880-11468-16	MW016A-W-220218	Total/NA	Water	SM 2540C	
MB 830-770/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-770/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-770/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-11468-10 DU	MW012M-W-220218	Total/NA	Water	SM 2540C	

Analysis Batch: 19944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-1	IW023-W-220218	Dissolved	Water	7196A	
880-11468-2	MW093SA-W-220218	Dissolved	Water	7196A	
880-11468-3	MW020A-W-220218	Dissolved	Water	7196A	
880-11468-4	MW019A-W-220218	Dissolved	Water	7196A	
880-11468-5	MW018-W-220218	Dissolved	Water	7196A	
880-11468-6	MW062A-W-220218	Dissolved	Water	7196A	
880-11468-7	MW024A-W-220218	Dissolved	Water	7196A	
880-11468-8	Dup04-W-220218	Dissolved	Water	7196A	
880-11468-9	MW015A-W-220218	Dissolved	Water	7196A	
880-11468-10	MW012M-W-220218	Dissolved	Water	7196A	
MB 880-19944/3	Method Blank	Total/NA	Water	7196A	
LCS 880-19944/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-19944/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11468-1 MS	IW023-W-220218	Dissolved	Water	7196A	
880-11468-1 MSD	IW023-W-220218	Dissolved	Water	7196A	

Analysis Batch: 19947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11468-11	MW088M-W-220218	Dissolved	Water	7196A	
880-11468-12	MW095-W-220218	Dissolved	Water	7196A	
880-11468-13	Dup05-W-220218	Dissolved	Water	7196A	
880-11468-14	MW060-W-220218	Dissolved	Water	7196A	
880-11468-15	MW010-W-220218	Dissolved	Water	7196A	
880-11468-16	MW016A-W-220218	Dissolved	Water	7196A	
MB 880-19947/3	Method Blank	Total/NA	Water	7196A	
LCS 880-19947/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-19947/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11468-16 MS	MW016A-W-220218	Dissolved	Water	7196A	
880-11468-16 MSD	MW016A-W-220218	Dissolved	Water	7196A	

Lab Chronicle

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: IW023-W-220218
Date Collected: 02/18/22 08:42
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-1
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	DL	10			43029	02/28/22 13:54	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:01	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW093SA-W-220218
Date Collected: 02/18/22 09:18
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-2
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	DL	10			43029	02/28/22 14:06	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:04	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW020A-W-220218
Date Collected: 02/18/22 09:48
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-3
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	DL	10			43029	02/28/22 14:18	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:07	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW019A-W-220218
Date Collected: 02/18/22 10:12
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-4
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	DL	10			43029	02/28/22 14:30	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:11	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW018-W-220218
Date Collected: 02/18/22 11:48
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-5
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	DL	10			43029	02/28/22 14:42	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:14	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW062A-W-220218
Date Collected: 02/18/22 12:26
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-6
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		1			43029	02/28/22 14:54	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:17	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW024A-W-220218
Date Collected: 02/18/22 12:48
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-7
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	DL	10			43029	02/28/22 03:39	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:20	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: Dup04-W-220218
Date Collected: 02/18/22 00:00
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-8
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	DL	10			43029	02/28/22 03:51	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:23	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW015A-W-220218

Lab Sample ID: 880-11468-9
Matrix: Water
Date Collected: 02/18/22 10:30
Date Received: 02/18/22 16:20

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			43029	02/28/22 04:03	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:33	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	10 mL	1000 mL	767	02/22/22 17:00	DH	XEN EP

Client Sample ID: MW012M-W-220218

Lab Sample ID: 880-11468-10
Matrix: Water
Date Collected: 02/18/22 11:10
Date Received: 02/18/22 16:20

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			43029	02/28/22 04:39	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:36	DP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		20			42839	02/24/22 16:37	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19944	02/18/22 18:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Client Sample ID: MW088M-W-220218

Lab Sample ID: 880-11468-11
Matrix: Water
Date Collected: 02/18/22 11:30
Date Received: 02/18/22 16:20

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			43029	02/28/22 04:51	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:39	DP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		10			42839	02/24/22 16:43	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19947	02/18/22 19:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Client Sample ID: MW095-W-220218

Lab Sample ID: 880-11468-12
Matrix: Water
Date Collected: 02/18/22 13:11
Date Received: 02/18/22 16:20

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			43029	02/28/22 05:03	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:42	DP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		50			42839	02/24/22 16:50	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	19947	02/18/22 19:33	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: Dup05-W-220218
Date Collected: 02/18/22 00:00
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-13
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	DL	10			43029	02/28/22 05:15	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:46	DP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		100			42708	02/23/22 18:58	DP	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	19947	02/18/22 19:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Client Sample ID: MW060-W-220218
Date Collected: 02/18/22 13:41
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-14
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	DL	10			43029	02/28/22 05:27	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:49	DP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		100			42708	02/23/22 19:02	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19947	02/18/22 19:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Client Sample ID: MW010-W-220218
Date Collected: 02/18/22 09:47
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-15
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	DL	10			43029	02/28/22 05:39	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:52	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19947	02/18/22 19:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Client Sample ID: MW016A-W-220218
Date Collected: 02/18/22 10:10
Date Received: 02/18/22 16:20

Lab Sample ID: 880-11468-16
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	DL	10			43029	02/28/22 05:51	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42533	02/23/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42708	02/23/22 18:55	DP	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	19947	02/18/22 19:32	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	770	02/23/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11468-1
SDG: 30109021

Laboratory References:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443

XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

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

Job ID: 880-11468-1
SDG: 30109021

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

Laboratory: Eurofins El Paso

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-21-19	04-30-22

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-21-44	06-30-22

Method Summary

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

Job ID: 880-11468-1
SDG: 30109021

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
6020A	Metals (ICP/MS)	SW846	XEN STF
7196A	Chromium, Hexavalent	SW846	XEN MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	XEN EP
3010A	Preparation, Total Metals	SW846	XEN STF

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
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:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 880-11468-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11468-1	IW023-W-220218	Water	02/18/22 08:42	02/18/22 16:20
880-11468-2	MW093SA-W-220218	Water	02/18/22 09:18	02/18/22 16:20
880-11468-3	MW020A-W-220218	Water	02/18/22 09:48	02/18/22 16:20
880-11468-4	MW019A-W-220218	Water	02/18/22 10:12	02/18/22 16:20
880-11468-5	MW018-W-220218	Water	02/18/22 11:48	02/18/22 16:20
880-11468-6	MW062A-W-220218	Water	02/18/22 12:26	02/18/22 16:20
880-11468-7	MW024A-W-220218	Water	02/18/22 12:48	02/18/22 16:20
880-11468-8	Dup04-W-220218	Water	02/18/22 00:00	02/18/22 16:20
880-11468-9	MW015A-W-220218	Water	02/18/22 10:30	02/18/22 16:20
880-11468-10	MW012M-W-220218	Water	02/18/22 11:10	02/18/22 16:20
880-11468-11	MW088M-W-220218	Water	02/18/22 11:30	02/18/22 16:20
880-11468-12	MW095-W-220218	Water	02/18/22 13:11	02/18/22 16:20
880-11468-13	Dup05-W-220218	Water	02/18/22 00:00	02/18/22 16:20
880-11468-14	MW060-W-220218	Water	02/18/22 13:41	02/18/22 16:20
880-11468-15	MW010-W-220218	Water	02/18/22 09:47	02/18/22 16:20
880-11468-16	MW016A-W-220218	Water	02/18/22 10:10	02/18/22 16:20

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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)

880-11468 Chain of Custody

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
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):	4.7/4.6	Thermometer ID	IR2
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
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)
EU023-W-220218	W	02/18/22	0834		4			X	X	X	X
MW093A-W-220218	W	02/18/22	0918		4			X	X	X	X
MW070A-W-220218	W	02/18/22	0988		4			X	X	X	X
MW019A-W-220218	W	02/18/22	1012		4			X	X	X	X
MW018-W-220218	W	02/18/22	1148		4			X	X	X	X
MW068A-W-220218	W	02/18/22	1226		4			X	X	X	X
MW028A-W-220218	W	02/18/22	1248		4			X	X	X	X
DUP04-W-220218	W	02/18/22	—		4			X	X	X	X

Work Order Notes

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
Jenya Sihavskaya		02/18/22/1620	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

Page 278 of 737

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: 114668

www.xenco.com Page 2 of 2

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):	4.7/4.6	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
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)
MW015A-W-220218	W	2-18-22	1030	—	4			X	X	X	X
MW012A-W-220218	W	2-18-22	1110	—	4			X	X	X	X
MW088M-W-220218	W	2-18-22	1130	—	4			X	X	X	X
MW095-W-220218	W	2-18-22	1311	—	4			X	X	X	X
DUP05-W-220218	W	2-18-22	—	—	4			X	X	X	X
MW060-W-220218	W	2-18-22	1341	—	4			X	X	X	X
MW010-W-220218	W	2-18-22	0947	—	4			X	X	X	X
MW016A-W-220218	W	2-18-22	1010	—	4			X	X	X	X

Work Order Notes

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		2-18 22/1620	2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

3/17/2022 (Rev. 1)

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3846.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11468-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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	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
I Ice	U Acetone
J DI Water	V MCAA
K EDTA	W pH 4-5
L EDA	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										Total Number of containers	Special Instructions/Note:
			Preservation Code:																
IW023-W-220218 (880-11468-1)	2/18/22	08:42 Central		Water			X	X										2	
MW0935A-W-220218 (880-11468-2)	2/18/22	09:18 Central		Water			X	X										2	
MW070A-W-220218 (880-11468-3)	2/18/22	09:48 Central		Water			X	X										2	
MW019A-W-220218 (880-11468-4)	2/18/22	10:12 Central		Water			X	X										2	
MW018-W-220218 (880-11468-5)	2/18/22	11:48 Central		Water			X	X										2	
MW062A-W-220218 (880-11468-6)	2/18/22	12:26 Central		Water			X	X										2	
MW024A-W-220218 (880-11468-7)	2/18/22	12:48 Central		Water			X	X										2	
Dup04-W-220218 (880-11468-8)	2/18/22	Central		Water			X	X										2	
MW015A-W-220218 (880-11468-9)	2/18/22	10:30 Central		Water			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 out 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:	Date/Time:	Company
1	Theresa Rodriguez			FedEx		
2	FedEx			Pedro Palmon	2/22/2022 10:10	EX
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: IR ID:HOU-223 Temp 2.5 C/F:-0.1 Corrected Temp: 2.4

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3846.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11468-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Special Instructions/Note:
MW012A-W-220218 (880-11468-10)	2/18/22	11 10 Central		Water	X	X	
MW088A-W-220218 (880-11468-11)	2/18/22	11 30 Central		Water	X	X	
MW095-W-220218 (880-11468-12)	2/18/22	13:11 Central		Water	X	X	
Dup05-W-220218 (880-11468-13)	2/18/22	Central		Water	X	X	
MW060-W-220218 (880-11468-14)	2/18/22	13:41 Central		Water	X	X	
MW010-W-220218 (880-11468-15)	2/18/22	09:47 Central		Water	X	X	
MW016A-W-220218 (880-11468-16)	2/18/22	10:10 Central		Water	X	X	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Victoria Rodriguez	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by: Pedro Palmon	Date/Time: 2/22/2022 10:10	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: 2.5 IR ID HOU-223 C/F: -0.1 Corrected Temp: 2.4

er 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 880-11468-1
SDG Number: 30109021

Login Number: 11468
List Number: 1
Creator: Teel, Brianna

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: 880-11468-1
SDG Number: 30109021

Login Number: 11468
List Number: 2
Creator: Aparicio, Niria

List Source: Eurofins El Paso
List Creation: 02/22/22 10:05 AM

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").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 880-11468-1
SDG Number: 30109021

Login Number: 11468
List Number: 3
Creator: Palmar, Pedro

List Source: Eurofins Houston
List Creation: 02/22/22 11:32 AM

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

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-11511-1
Client Project/Site: Eunice Project-N. Eunice
Revision: 1

For:
ARCADIS U.S. Inc
1100 Olive Way
Suite 800
Seattle, Washington 98101

Attn: Rebecca Andresen

Authorized for release by:
3/18/2022 9:19:46 AM

John Builes, Project Manager
(561)558-4549
john.builes@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-11511-1

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Definitions/Glossary

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

Job ID: 880-11511-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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
S1-	Surrogate recovery exceeds control limits, low 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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
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.
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.

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)

Definitions/Glossary

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

Job ID: 880-11511-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 880-11511-1

Job ID: 880-11511-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-11511-1

Comments
No additional comments.

Revision
The report being provided is a revision of the original report sent on 3/11/2022. The report (revision 1) is being revised due to: Revised report to correct client sample IDs per client request..

Receipt
The samples were received on 2/22/2022 8:00 AM. 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 was 2.5º C.

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with analytical batch 880-20288 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 880-20376 were outside control limits. Sample matrix interference and/or non-homogeneity are 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.

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-11679-B-14-B). Evidence of matrix interferences is not obvious.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Metals
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Field Service / Mobile Lab
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 860-43262 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-43262 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300.0: The following samples were diluted due to the nature of the sample matrix: MW053SA-W-220221 (880-11511-14), DUP06-W-220221 (880-11511-15), MW004A-W-220221 (880-11511-16), IW024-W-220221 (880-11511-17), MW090SA-W-220221 (880-11511-18), MW089SA-W-220221 (880-11511-19), MW047-W-220221 (880-11511-20), DUP07-W-220221 (880-11511-21), MW007A-W-220221 (880-11511-22), MW097P-W-220221 (880-11511-23), MW008M-W-220221 (880-11511-24), MW087A-W-220221 (880-11511-25), MW002A-W-220221 (880-11511-27), DUP08-W-220221 (880-11511-28), MW046A-W-220221 (880-11511-29) and MW045-W-220221 (880-11511-30). Elevated reporting limits (RLs) are provided.

Method 7196A: The following sample(s) was analyzed within holding time. Flag due to time zone difference.

Case Narrative

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

Job ID: 880-11511-1

Job ID: 880-11511-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 7196A: Sample was negative for Hexavalent Chromium, but had an iron interference.
Sample read .0105 mg/L but was reported at 0.

Method 7196A: The following samples were analyzed within analytical holding time due to sampling in the Mountain Standard Time zone and analysis in the Central Standard Time zone: MW031-W-220221 (880-11511-12) and MW069-W-220221 (880-11511-13).

Method 7196A: The following sample was received without sampling time indicated to establish holding time: DUP08-W-220221 (880-11511-28).

Method 7196A: The following samples were above calibration limits and required dilution.

IW019-W-220221 (880-11511-2), MW002A-W-220221 (880-11511-27) and DUP08-W-220221 (880-11511-28)

Method 7196A: The following samples were diluted to bring the concentration of target analytes within the calibration range: IW019-W-220221 (880-11511-2), MW002A-W-220221 (880-11511-27) and DUP08-W-220221 (880-11511-28). Elevated reporting limits (RLs) are provided.

Method 7196A: The following sample did not generate the appropriate color change indicating the absence of Hexavalent Chromium. The recovered concentration of 0.010980 mg/L (0.0270 ABS) was likely due to iron interferent, therefore the uncorrected response was reported as zero.

MW037-W-220221 (880-11511-3)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW043-W-220221

Date Collected: 02/21/22 11:53
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-1

Matrix: Water

Method: 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			02/25/22 20:08	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 20:08	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 20:08	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 20:08	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 20:08	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*02/25/22 20:08*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*02/25/22 20:08*	*1*

Method: 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			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.893	U	4.52	0.893	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.893	U	4.52	0.893	mg/L		02/23/22 15:02	02/26/22 00:15	1
Diesel Range Organics (Over C10-C28)	<0.893	U	4.52	0.893	mg/L		02/23/22 15:02	02/26/22 00:15	1
Oil Range Organics (Over C28-C36)	<0.862	U	4.52	0.862	mg/L		02/23/22 15:02	02/26/22 00:15	1
Total TPH	<0.893	U	4.52	0.893	mg/L		02/23/22 15:02	02/26/22 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/23/22 15:02*	*02/26/22 00:15*	*1*
1-Chlorooctane	*79*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:24*	*1*
o-Terphenyl	*98*		*70 - 130*	*02/23/22 15:02*	*02/26/22 00:15*	*1*
o-Terphenyl	*88*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**746**		5.00	2.00	mg/L			03/02/22 02:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00500**		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 17:34	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 17:34	1
Iron	**0.342**		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 17:34	1
Manganese	**0.548**		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2140**		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: IW019-W-220221

Date Collected: 02/21/22 12:24
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-2

Matrix: Water

Method: 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			02/25/22 17:45	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 17:45	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 17:45	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 17:45	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 17:45	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/25/22 17:45*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*		*02/25/22 17:45*	*1*

Method: 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			02/25/22 20:51	1

Method: 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			02/28/22 19:41	1

Method: 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		02/28/22 14:50	03/02/22 04:44	1
Diesel Range Organics (Over C10-C28)	<0.885	U	4.48	0.885	mg/L		02/28/22 14:50	03/02/22 04:44	1
Oil Range Organics (Over C28-C36)	<0.854	U	4.48	0.854	mg/L		02/28/22 14:50	03/02/22 04:44	1
Total TPH	<0.885	U	4.48	0.885	mg/L		02/28/22 14:50	03/02/22 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*02/28/22 14:50*	*03/02/22 04:44*	*1*
o-Terphenyl	*102*		*70 - 130*	*02/28/22 14:50*	*03/02/22 04:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**		5.00	2.00	mg/L			03/02/22 02:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0106**		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 17:57	1
Chromium	**0.598**		0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 17:57	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 17:57	1
Manganese	**0.0391**		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3650**		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.534**		0.0500	0.0137	mg/L			02/22/22 12:00	5

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW037-W-220221

Date Collected: 02/21/22 13:32
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000786**	**J**	0.00200	0.000408	mg/L			02/25/22 18:05	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 18:05	1
Ethylbenzene	**0.0180**		0.00200	0.000657	mg/L			02/25/22 18:05	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 18:05	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 18:05	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*02/25/22 18:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*02/25/22 18:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0188**		0.00400	0.000657	mg/L			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.895	U	4.53	0.895	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.895	U	4.53	0.895	mg/L		02/23/22 15:02	02/26/22 01:46	1
Diesel Range Organics (Over C10-C28)	<0.895	U	4.53	0.895	mg/L		02/23/22 15:02	02/26/22 01:46	1
Oil Range Organics (Over C28-C36)	<0.864	U	4.53	0.864	mg/L		02/23/22 15:02	02/26/22 01:46	1
Total TPH	<0.895	U	4.53	0.895	mg/L		02/23/22 15:02	02/26/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:46*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**428**		5.00	2.00	mg/L			03/02/22 02:59	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0660**		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:00	1
Chromium	**0.000906**	**J**	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:00	1
Iron	**6.23**		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:00	1
Manganese	**0.115**		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1340**		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW001-W-220221

Date Collected: 02/21/22 13:53
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-4

Matrix: Water

Method: 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			02/25/22 18:26	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 18:26	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 18:26	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 18:26	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 18:26	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/25/22 18:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*02/25/22 18:26*	*1*

Method: 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			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.880	U	4.45	0.880	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.880	U	4.45	0.880	mg/L		02/23/22 15:02	02/26/22 02:09	1
Diesel Range Organics (Over C10-C28)	<0.880	U	4.45	0.880	mg/L		02/23/22 15:02	02/26/22 02:09	1
Oil Range Organics (Over C28-C36)	<0.849	U	4.45	0.849	mg/L		02/23/22 15:02	02/26/22 02:09	1
Total TPH	<0.880	U	4.45	0.880	mg/L		02/23/22 15:02	02/26/22 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*02/23/22 15:02*	*02/26/22 02:09*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		5.00	2.00	mg/L			03/02/22 03:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00173**	**J**	0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:03	1
Chromium	**0.00191**	**J**	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:03	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:03	1
Manganese	**1.22**	**B**	0.0400	0.00397	mg/L		02/24/22 08:30	02/25/22 14:10	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3110**		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW059-W-220221

Lab Sample ID: 880-11511-5
Matrix: Water
Date Collected: 02/21/22 08:29
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	881		5.00	2.00	mg/L			03/02/22 03:23	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0141		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:06	1
Chromium	0.639		0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:06	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:06	1
Manganese	0.000865	J	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3870		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.995	H	0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW023-W-220221

Lab Sample ID: 880-11511-6
Matrix: Water
Date Collected: 02/21/22 08:59
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	836		5.00	2.00	mg/L			03/02/22 03:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00888		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:09	1
Chromium	3.33		0.100	0.0131	mg/L		02/24/22 08:30	02/25/22 14:13	25
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:09	1
Manganese	0.000538	J	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3670		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	3.29		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW030-W-220221

Lab Sample ID: 880-11511-7
Matrix: Water
Date Collected: 02/21/22 09:16
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		0.500	0.200	mg/L			03/02/22 03:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0195		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:13	1
Chromium	0.00285	J	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:13	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW030-W-220221

Lab Sample ID: 880-11511-7
Matrix: Water
Date Collected: 02/21/22 09:16
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.280		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:13	1
Manganese	0.00459		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	786		50.0	50.0	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00580	J	0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample ID: MW058-W-220221

Lab Sample ID: 880-11511-8
Matrix: Water
Date Collected: 02/21/22 09:34
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		5.00	2.00	mg/L			03/02/22 04:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0142		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:16	1
Chromium	3.90		0.200	0.0262	mg/L		02/24/22 08:30	02/25/22 14:16	50
Iron	0.471		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:16	1
Manganese	0.00712		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4580		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	3.43		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW099-W-220221

Lab Sample ID: 880-11511-9
Matrix: Water
Date Collected: 02/21/22 09:59
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.6		0.500	0.200	mg/L			03/02/22 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00591		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:19	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:19	1
Iron	0.237		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:19	1
Manganese	0.148		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	517		50.0	50.0	mg/L			02/25/22 17:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW099-W-220221

Lab Sample ID: 880-11511-9
Matrix: Water
Date Collected: 02/21/22 09:59
Date Received: 02/22/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample ID: MW070-W-220221

Lab Sample ID: 880-11511-10
Matrix: Water
Date Collected: 02/21/22 10:18
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	461		0.500	0.200	mg/L			03/02/22 05:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0139		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:22	1
Chromium	0.000596	J	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:22	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:22	1
Manganese	0.000377	J	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1370		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U H	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW063A-W-220221

Lab Sample ID: 880-11511-11
Matrix: Water
Date Collected: 02/21/22 10:35
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.6	F1 F2	0.500	0.200	mg/L			03/02/22 06:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0265		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 11:56	1
Chromium	0.00191	J	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 11:56	1
Iron	0.0318	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 11:56	1
Manganese	0.000398	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	454		50.0	50.0	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW031-W-220221

Lab Sample ID: 880-11511-12
Matrix: Water
Date Collected: 02/21/22 11:09
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**	**F2**	0.500	0.200	mg/L			03/02/22 07:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0478**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:28	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:28	1
Iron	**1.25**		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:28	1
Manganese	**0.817**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**825**		50.0	50.0	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U H	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample ID: MW069-W-220221

Lab Sample ID: 880-11511-13
Matrix: Water
Date Collected: 02/21/22 11:35
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15700**		50.0	20.0	mg/L			03/02/22 07:59	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00750**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:31	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:31	1
Iron	**0.120**		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:31	1
Manganese	**0.487**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**14300**		500	500	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U H	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample ID: MW053SA-W-220221

Lab Sample ID: 880-11511-14
Matrix: Water
Date Collected: 02/21/22 12:49
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1570**		5.00	2.00	mg/L			03/02/22 08:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0131**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:41	1
Chromium	**0.00927**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:41	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW053SA-W-220221

Lab Sample ID: 880-11511-14
Matrix: Water
Date Collected: 02/21/22 12:49
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:41	1
Manganese	**0.00121**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1980**		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.00903**	**J**	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: DUP06-W-220221

Lab Sample ID: 880-11511-15
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**776**		5.00	2.00	mg/L			03/02/22 08:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0136**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:44	1
Chromium	**0.574**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:44	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:44	1
Manganese	**0.000911**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**4110**		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.503**	**H**	0.100	0.0273	mg/L			02/22/22 10:40	10

Client Sample ID: MW004A-W-220221

Lab Sample ID: 880-11511-16
Matrix: Water
Date Collected: 02/21/22 09:20
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**778**		5.00	2.00	mg/L			03/02/22 08:59	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0143**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:47	1
Chromium	**0.504**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:47	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:47	1
Manganese	**0.000668**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2140**		100	100	mg/L			02/25/22 17:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW004A-W-220221

Lab Sample ID: 880-11511-16
Matrix: Water
Date Collected: 02/21/22 09:20
Date Received: 02/22/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.360		0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample ID: IW024-W-220221

Lab Sample ID: 880-11511-17
Matrix: Water
Date Collected: 02/21/22 09:41
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	601		5.00	2.00	mg/L			03/02/22 09:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:50	1
Chromium	0.975		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:50	1
Iron	0.0590	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:50	1
Manganese	0.00910		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3380		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.876		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW090SA-W-220221

Lab Sample ID: 880-11511-18
Matrix: Water
Date Collected: 02/21/22 10:03
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00	2.00	mg/L			03/02/22 09:23	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:53	1
Chromium	0.250		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:53	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:53	1
Manganese	0.000536	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1690		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.192		0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW089SA-W-220221

Lab Sample ID: 880-11511-19
Matrix: Water
Date Collected: 02/21/22 10:22
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00	2.00	mg/L			03/02/22 09:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0107		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:57	1
Chromium	1.03		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:57	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:57	1
Manganese	0.000707	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4050		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.726		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW047-W-220221

Lab Sample ID: 880-11511-20
Matrix: Water
Date Collected: 02/21/22 10:52
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	604		5.00	2.00	mg/L			03/02/22 09:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:00	1
Chromium	0.0969		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:00	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:00	1
Manganese	0.000489	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1980		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0905		0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: DUP07-W-220221

Lab Sample ID: 880-11511-21
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880		5.00	2.00	mg/L			03/02/22 10:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00982		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:03	1
Chromium	0.0989		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:03	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: DUP07-W-220221

Lab Sample ID: 880-11511-21
Date Collected: 02/21/22 00:00
Matrix: Water
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:03	1
Manganese	**0.000372**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1880**		100	100	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.0915**	**H**	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW007A-W-220221

Lab Sample ID: 880-11511-22
Date Collected: 02/21/22 11:17
Matrix: Water
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1880**		5.00	2.00	mg/L			03/02/22 10:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0100**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:13	1
Chromium	**0.688**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:13	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:13	1
Manganese	**0.00626**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3300**		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.707**		0.100	0.0273	mg/L			02/22/22 10:40	10

Client Sample ID: MW097P-W-220221

Lab Sample ID: 880-11511-23
Date Collected: 02/21/22 11:34
Matrix: Water
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1080**		5.00	2.00	mg/L			03/02/22 10:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0105**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:16	1
Chromium	**0.437**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:16	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:16	1
Manganese	**0.0402**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3520**		200	200	mg/L			02/27/22 17:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW097P-W-220221

Lab Sample ID: 880-11511-23
Matrix: Water
Date Collected: 02/21/22 11:34
Date Received: 02/22/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.395		0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW008M-W-220221

Lab Sample ID: 880-11511-24
Matrix: Water
Date Collected: 02/21/22 12:30
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	642		5.00	2.00	mg/L			03/02/22 11:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00503		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:19	1
Chromium	0.0108		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:19	1
Iron	75.0		10.0	2.27	mg/L		02/24/22 09:30	02/25/22 19:34	100
Manganese	2.90		0.200	0.0199	mg/L		02/24/22 09:30	02/25/22 19:34	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4850		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0105		0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW087A-W-220221

Lab Sample ID: 880-11511-25
Matrix: Water
Date Collected: 02/21/22 12:48
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	999		5.00	2.00	mg/L			03/02/22 11:16	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00342	J	0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:22	1
Chromium	0.0478		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:22	1
Iron	4.81		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:22	1
Manganese	0.195		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3410		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW011A-W-220221
Lab Sample ID: 880-11511-26
Date Collected: 02/21/22 13:22
Matrix: Water
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.4		0.500	0.200	mg/L			03/02/22 11:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0149		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:25	1
Chromium	0.0375		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:25	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:25	1
Manganese	0.00650		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1440		100	100	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0295		0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample ID: MW002A-W-220221
Lab Sample ID: 880-11511-27
Date Collected: 02/21/22 13:45
Matrix: Water
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		5.00	2.00	mg/L			03/02/22 11:40	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0173		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:29	1
Chromium	0.896		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:29	1
Iron	0.0460	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:29	1
Manganese	0.0199		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3770		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.878		0.100	0.0273	mg/L			02/22/22 12:00	10

Client Sample ID: DUP08-W-220221
Lab Sample ID: 880-11511-28
Date Collected: 02/21/22 00:00
Matrix: Water
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426		5.00	2.00	mg/L			03/02/22 11:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0179		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:32	1
Chromium	0.955		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:32	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: DUP08-W-220221

Lab Sample ID: 880-11511-28
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0304	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:32	1
Manganese	0.0199		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3890		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.902	H	0.100	0.0273	mg/L			02/22/22 12:00	10

Client Sample ID: MW046A-W-220221

Lab Sample ID: 880-11511-29
Matrix: Water
Date Collected: 02/21/22 14:38
Date Received: 02/22/22 08:00

Method: 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			02/25/22 18:46	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 18:46	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 18:46	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 18:46	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 18:46	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/25/22 18:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*		*02/25/22 18:46*	*1*

Method: 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			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.882	U	4.46	0.882	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.882	U	4.46	0.882	mg/L		02/23/22 15:02	02/26/22 02:31	1
Diesel Range Organics (Over C10-C28)	<0.882	U	4.46	0.882	mg/L		02/23/22 15:02	02/26/22 02:31	1
OII Range Organics (Over C28-C36)	<0.851	U	4.46	0.851	mg/L		02/23/22 15:02	02/26/22 02:31	1
Total TPH	<0.882	U	4.46	0.882	mg/L		02/23/22 15:02	02/26/22 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:31*	*1*
o-Terphenyl	*89*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:31*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	998		5.00	2.00	mg/L			03/02/22 12:04	10

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW046A-W-220221
Lab Sample ID: 880-11511-29
Date Collected: 02/21/22 14:38
Matrix: Water
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00974		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:35	1
Chromium	1.75		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:35	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:35	1
Manganese	0.00409		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3380		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.62		0.100	0.0273	mg/L			02/22/22 12:00	10

Client Sample ID: MW045-W-220221
Lab Sample ID: 880-11511-30
Date Collected: 02/21/22 15:05
Matrix: Water
Date Received: 02/22/22 08:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00173	J	0.00200	0.000408	mg/L			02/25/22 19:06	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 19:06	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 19:06	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 19:06	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 19:06	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/25/22 19:06*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*02/25/22 19:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00173	J	0.00400	0.000657	mg/L			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.890	U	4.50	0.890	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.890	U	4.50	0.890	mg/L		02/23/22 15:02	02/26/22 02:54	1
Diesel Range Organics (Over C10-C28)	<0.890	U	4.50	0.890	mg/L		02/23/22 15:02	02/26/22 02:54	1
Oil Range Organics (Over C28-C36)	<0.859	U	4.50	0.859	mg/L		02/23/22 15:02	02/26/22 02:54	1
Total TPH	<0.890	U	4.50	0.890	mg/L		02/23/22 15:02	02/26/22 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:54*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:54*	*1*

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW045-W-220221

Lab Sample ID: 880-11511-30

Date Collected: 02/21/22 15:05
Matrix: Water
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		0.500	0.200	mg/L			03/02/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00231	J	0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:38	1
Chromium	0.0111		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:38	1
Iron	0.237		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:38	1
Manganese	0.157		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1130		50.0	50.0	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

Surrogate Summary

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

Job ID: 880-11511-1

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)
880-11511-1	MW043-W-220221	106	99
880-11511-1 MS	MW043-W-220221	120	122
880-11511-1 MSD	MW043-W-220221	118	126
880-11511-2	IW019-W-220221	103	97
880-11511-3	MW037-W-220221	105	99
880-11511-4	MW001-W-220221	104	100
880-11511-29	MW046A-W-220221	101	98
880-11511-30	MW045-W-220221	100	94
LCS 880-20288/3	Lab Control Sample	88	114
LCS 880-20376/65	Lab Control Sample	113	94
LCSD 880-20288/4	Lab Control Sample Dup	101	101
LCSD 880-20376/66	Lab Control Sample Dup	112	106
MB 880-20207/5-A	Method Blank	89	79
MB 880-20288/8	Method Blank	94	98
MB 880-20376/70	Method Blank	92	108

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	(70-130)	(70-130)
880-11511-1	MW043-W-220221	86	98
880-11511-1	MW043-W-220221	79	88
880-11511-1 MS	MW043-W-220221	70	62 S1-
880-11511-1 MSD	MW043-W-220221	74	67 S1-
880-11511-2	IW019-W-220221	98	102
880-11511-3	MW037-W-220221	75	82
880-11511-4	MW001-W-220221	67 S1-	74
880-11511-29	MW046A-W-220221	79	89
880-11511-30	MW045-W-220221	73	82
LCS 880-20159/2-A	Lab Control Sample	110	110
LCS 880-20527/2-A	Lab Control Sample	106	94
LCSD 880-20159/3-A	Lab Control Sample Dup	114	117
LCSD 880-20527/3-A	Lab Control Sample Dup	103	97
MB 880-20159/1-A	Method Blank	97	114
MB 880-20527/1-A	Method Blank	121	128

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

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

Job ID: 880-11511-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-20207/5-A
Matrix: Water
Analysis Batch: 20376

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000408	U	0.00200	0.000408	mg/L		02/24/22 10:58	02/27/22 03:50	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L		02/24/22 10:58	02/27/22 03:50	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L		02/24/22 10:58	02/27/22 03:50	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L		02/24/22 10:58	02/27/22 03:50	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L		02/24/22 10:58	02/27/22 03:50	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L		02/24/22 10:58	02/27/22 03:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*02/24/22 10:58*	*02/27/22 03:50*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*02/24/22 10:58*	*02/27/22 03:50*	*1*

Lab Sample ID: MB 880-20288/8
Matrix: Water
Analysis Batch: 20288

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			02/25/22 11:41	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 11:41	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 11:41	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 11:41	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 11:41	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 11:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*		*02/25/22 11:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*		*02/25/22 11:41*	*1*

Lab Sample ID: LCS 880-20288/3
Matrix: Water
Analysis Batch: 20288

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	0.1209		mg/L		121	70 - 130
Toluene	0.100	0.1098		mg/L		110	70 - 130
Ethylbenzene	0.100	0.1000		mg/L		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2057		mg/L		103	70 - 130
o-Xylene	0.100	0.1260		mg/L		126	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: LCSD 880-20288/4
Matrix: Water
Analysis Batch: 20288

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	0.1019		mg/L		102	70 - 130	17	20

QC Sample Results

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

Job ID: 880-11511-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-20288/4
Matrix: Water
Analysis Batch: 20288

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	0.09616		mg/L		96	70 - 130	13	20
Ethylbenzene			0.100	0.09825		mg/L		98	70 - 130	2	20
m-Xylene & p-Xylene			0.200	0.2275		mg/L		114	70 - 130	10	20
o-Xylene			0.100	0.1111		mg/L		111	70 - 130	13	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-20376/70
Matrix: Water
Analysis Batch: 20376

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			02/27/22 19:04	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/27/22 19:04	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/27/22 19:04	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/27/22 19:04	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/27/22 19:04	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/27/22 19:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*		*02/27/22 19:04*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*		*02/27/22 19:04*	*1*

Lab Sample ID: LCS 880-20376/65
Matrix: Water
Analysis Batch: 20376

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	0.09533		mg/L		95	70 - 130
Toluene			0.100	0.1073		mg/L		107	70 - 130
Ethylbenzene			0.100	0.1153		mg/L		115	70 - 130
m-Xylene & p-Xylene			0.200	0.2469		mg/L		123	70 - 130
o-Xylene			0.100	0.1168		mg/L		117	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-20376/66
Matrix: Water
Analysis Batch: 20376

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	0.1032		mg/L		103	70 - 130	8	20
Toluene			0.100	0.1001		mg/L		100	70 - 130	7	20
Ethylbenzene			0.100	0.1050		mg/L		105	70 - 130	9	20

QC Sample Results

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

Job ID: 880-11511-1

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-20376/66
Matrix: Water
Analysis Batch: 20376

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			0.200	0.2266		mg/L		113	70 - 130	9	20
o-Xylene			0.100	0.1042		mg/L		104	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: 880-11511-1 MS
Matrix: Water
Analysis Batch: 20376

Client Sample ID: MW043-W-220221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000408	U F1	0.100	0.0008928	J F1	mg/L		0.9	70 - 130
Toluene	<0.000367	U F1	0.100	0.001021	J F1	mg/L		1	70 - 130
Ethylbenzene	<0.000657	U F1	0.100	0.001034	J F1	mg/L		1	70 - 130
m-Xylene & p-Xylene	<0.000629	U F1	0.200	0.002251	J F1	mg/L		1	70 - 130
o-Xylene	<0.000642	U F1	0.100	0.0009152	J F1	mg/L		0.9	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*122*		*70 - 130*

Lab Sample ID: 880-11511-1 MSD
Matrix: Water
Analysis Batch: 20376

Client Sample ID: MW043-W-220221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000408	U F1	0.100	<0.000408	U F1	mg/L		0	70 - 130	NC	25
Toluene	<0.000367	U F1	0.100	<0.000367	U F1	mg/L		0	70 - 130	NC	25
Ethylbenzene	<0.000657	U F1	0.100	<0.000657	U F1	mg/L		0	70 - 130	NC	25
m-Xylene & p-Xylene	<0.000629	U F1	0.200	<0.000629	U F1	mg/L		0	70 - 130	NC	25
o-Xylene	<0.000642	U F1	0.100	<0.000642	U F1	mg/L		0	70 - 130	NC	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-20159/1-A
Matrix: Water
Analysis Batch: 20310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.904	U	4.57	0.904	mg/L		02/23/22 15:02	02/25/22 23:05	1
Diesel Range Organics (Over C10-C28)	<0.904	U	4.57	0.904	mg/L		02/23/22 15:02	02/25/22 23:05	1
Oil Range Organics (Over C28-C36)	<0.872	U	4.57	0.872	mg/L		02/23/22 15:02	02/25/22 23:05	1

QC Sample Results

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

Job ID: 880-11511-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-20159/1-A
Matrix: Water
Analysis Batch: 20310

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20159

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.904	U	4.57	0.904	mg/L		02/23/22 15:02	02/25/22 23:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*97*		*70 - 130*	*02/23/22 15:02*	*02/25/22 23:05*	*1*
o-Terphenyl	*114*		*70 - 130*	*02/23/22 15:02*	*02/25/22 23:05*	*1*

Lab Sample ID: LCS 880-20159/2-A
Matrix: Water
Analysis Batch: 20310

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20159

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	91.7	86.14		mg/L		94	75 - 125
Diesel Range Organics (Over C10-C28)	91.7	95.60		mg/L		104	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*110*		*70 - 130*
o-Terphenyl	*110*		*70 - 130*

Lab Sample ID: LCSD 880-20159/3-A
Matrix: Water
Analysis Batch: 20310

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20159

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	92.0	90.90		mg/L		99	75 - 125	5	20
Diesel Range Organics (Over C10-C28)	92.0	103.7		mg/L		113	75 - 125	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*114*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: 880-11511-1 MS
Matrix: Water
Analysis Batch: 20310

Client Sample ID: MW043-W-220221
Prep Type: Total/NA
Prep Batch: 20159

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<0.893	U	90.4	94.31		mg/L		104	75 - 125
Diesel Range Organics (Over C10-C28)	<0.893	U	90.4	87.13		mg/L		96	75 - 125

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane	*70*		*70 - 130*
o-Terphenyl	*62*	*S1-*	*70 - 130*

QC Sample Results

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

Job ID: 880-11511-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-11511-1 MSD
Matrix: Water
Analysis Batch: 20310

Client Sample ID: MW043-W-220221
Prep Type: Total/NA
Prep Batch: 20159

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<0.895	U	90.6	98.15		mg/L		108	75 - 125	4	20
Diesel Range Organics (Over C10-C28)	<0.895	U	90.6	94.91		mg/L		105	75 - 125	9	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane	*74*		*70 - 130*
o-Terphenyl	*67*	*S1-*	*70 - 130*

Lab Sample ID: MB 880-20527/1-A
Matrix: Water
Analysis Batch: 20580

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 20527

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.904	U	4.57	0.904	mg/L		02/28/22 14:50	03/01/22 19:50	1
Diesel Range Organics (Over C10-C28)	<0.904	U	4.57	0.904	mg/L		02/28/22 14:50	03/01/22 19:50	1
Oil Range Organics (Over C28-C36)	<0.872	U	4.57	0.872	mg/L		02/28/22 14:50	03/01/22 19:50	1
Total TPH	<0.904	U	4.57	0.904	mg/L		02/28/22 14:50	03/01/22 19:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*121*		*70 - 130*	*02/28/22 14:50*	*03/01/22 19:50*	*1*
o-Terphenyl	*128*		*70 - 130*	*02/28/22 14:50*	*03/01/22 19:50*	*1*

Lab Sample ID: LCS 880-20527/2-A
Matrix: Water
Analysis Batch: 20580

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 20527

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	91.7	80.46		mg/L		88	75 - 125
Diesel Range Organics (Over C10-C28)	91.7	80.46		mg/L		88	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*106*		*70 - 130*
o-Terphenyl	*94*		*70 - 130*

Lab Sample ID: LCSD 880-20527/3-A
Matrix: Water
Analysis Batch: 20580

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20527

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	92.0	79.70		mg/L		87	75 - 125	1	20
Diesel Range Organics (Over C10-C28)	92.0	82.50		mg/L		90	75 - 125	3	20

QC Sample Results

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

Job ID: 880-11511-1

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-20527/3-A
Matrix: Water
Analysis Batch: 20580

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 20527

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*97*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-43262/57
Matrix: Water
Analysis Batch: 43262

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			03/01/22 23:35	1

Lab Sample ID: MB 860-43262/90
Matrix: Water
Analysis Batch: 43262

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			03/02/22 06:11	1

Lab Sample ID: LCS 860-43262/58
Matrix: Water
Analysis Batch: 43262

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	10.43		mg/L		104	90 - 110		

Lab Sample ID: LCS 860-43262/91
Matrix: Water
Analysis Batch: 43262

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	10.42		mg/L		104	90 - 110		

Lab Sample ID: LCSD 860-43262/59
Matrix: Water
Analysis Batch: 43262

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	10.31		mg/L		103	90 - 110	1	20

Lab Sample ID: LCSD 860-43262/92
Matrix: Water
Analysis Batch: 43262

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	10.27		mg/L		103	90 - 110	2	20

QC Sample Results

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

Job ID: 880-11511-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-11511-7 MS — **Client Sample ID: MW030-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	258		10.0	269.1	4	mg/L		111	90 - 110

Lab Sample ID: 880-11511-7 MSD — **Client Sample ID: MW030-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	258		10.0	269.0	4	mg/L		110	90 - 110	0	20

Lab Sample ID: 880-11511-9 MS — **Client Sample ID: MW099-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	74.6		10.0	85.78	4	mg/L		111	90 - 110

Lab Sample ID: 880-11511-9 MSD — **Client Sample ID: MW099-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	74.6		10.0	85.74	4	mg/L		111	90 - 110	0	20

Lab Sample ID: 880-11511-11 MS — **Client Sample ID: MW063A-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	25.6	F1 F2	10.0	82.51	F1	mg/L		570	90 - 110

Lab Sample ID: 880-11511-11 MSD — **Client Sample ID: MW063A-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	25.6	F1 F2	10.0	101.6	F1 F2	mg/L		760	90 - 110	21	20

Lab Sample ID: 880-11511-12 MS — **Client Sample ID: MW031-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	157	F2	10.0	127.4	4	mg/L		-292	90 - 110

Lab Sample ID: 880-11511-12 MSD — **Client Sample ID: MW031-W-220221**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 43262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	157	F2	10.0	353.3	4 F2	mg/L		1967	90 - 110	94	20

QC Sample Results

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

Job ID: 880-11511-1

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-42699/1-A
Matrix: Water
Analysis Batch: 42839

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42699

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 17:25	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 17:25	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 17:25	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 17:25	1

Lab Sample ID: LCS 860-42699/2-A
Matrix: Water
Analysis Batch: 42839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42699

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.09747		mg/L		97	80 - 120
Chromium	0.100	0.09563		mg/L		96	80 - 120
Iron	0.500	0.4784		mg/L		96	80 - 120
Manganese	0.100	0.09658		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-42699/3-A
Matrix: Water
Analysis Batch: 42839

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42699

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.100	0.09821		mg/L		98	80 - 120	1	20
Chromium	0.100	0.09678		mg/L		97	80 - 120	1	20
Iron	0.500	0.4837		mg/L		97	80 - 120	1	20
Manganese	0.100	0.09894		mg/L		99	80 - 120	2	20

Lab Sample ID: MB 860-42723/1-A
Matrix: Water
Analysis Batch: 42995

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42723

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000246	U	0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 11:46	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 11:46	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 11:46	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 11:46	1

Lab Sample ID: LCS 860-42723/2-A
Matrix: Water
Analysis Batch: 42995

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42723

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.100	0.1009		mg/L		101	80 - 120
Chromium	0.100	0.1000		mg/L		100	80 - 120
Iron	0.500	0.5002		mg/L		100	80 - 120
Manganese	0.100	0.09989		mg/L		100	80 - 120

QC Sample Results

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

Job ID: 880-11511-1

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

Lab Sample ID: LCSD 860-42723/3-A
Matrix: Water
Analysis Batch: 42995

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42723

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic			0.100	0.09922		mg/L		99	80 - 120	2	20
Chromium			0.100	0.09828		mg/L		98	80 - 120	2	20
Iron			0.500	0.4969		mg/L		99	80 - 120	1	20
Manganese			0.100	0.09962		mg/L		100	80 - 120	0	20

Lab Sample ID: 880-11511-1 MS
Matrix: Water
Analysis Batch: 42839

Client Sample ID: MW043-W-220221
Prep Type: Dissolved
Prep Batch: 42699

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.00500		0.100	0.1039		mg/L		99	75 - 125
Chromium	<0.000525	U	0.100	0.1034		mg/L		103	75 - 125
Iron	0.342		0.500	0.8473		mg/L		101	75 - 125
Manganese	0.548		0.100	0.6496	4	mg/L		102	75 - 125

Lab Sample ID: 880-11511-1 MSD
Matrix: Water
Analysis Batch: 42839

Client Sample ID: MW043-W-220221
Prep Type: Dissolved
Prep Batch: 42699

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.00500		0.100	0.1068		mg/L		102	75 - 125	3	20
Chromium	<0.000525	U	0.100	0.1011		mg/L		101	75 - 125	2	20
Iron	0.342		0.500	0.8392		mg/L		99	75 - 125	1	20
Manganese	0.548		0.100	0.6498	4	mg/L		102	75 - 125	0	20

Lab Sample ID: 880-11511-11 MS
Matrix: Water
Analysis Batch: 42995

Client Sample ID: MW063A-W-220221
Prep Type: Dissolved
Prep Batch: 42723

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Arsenic	0.0265		0.100	0.1251		mg/L		99	75 - 125
Chromium	0.00191	J	0.100	0.1009		mg/L		99	75 - 125
Iron	0.0318	J	0.500	0.4961		mg/L		93	75 - 125
Manganese	0.000398	J	0.100	0.09839		mg/L		98	75 - 125

Lab Sample ID: 880-11511-11 MSD
Matrix: Water
Analysis Batch: 42995

Client Sample ID: MW063A-W-220221
Prep Type: Dissolved
Prep Batch: 42723

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.0265		0.100	0.1270		mg/L		100	75 - 125	1	20
Chromium	0.00191	J	0.100	0.1021		mg/L		100	75 - 125	1	20
Iron	0.0318	J	0.500	0.5037		mg/L		94	75 - 125	2	20
Manganese	0.000398	J	0.100	0.09948		mg/L		99	75 - 125	1	20

QC Sample Results

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

Job ID: 880-11511-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-20136/3
Matrix: Water
Analysis Batch: 20136

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 08:45	1

Lab Sample ID: LCS 880-20136/4
Matrix: Water
Analysis Batch: 20136

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	0.03786		mg/L		95	85 - 115

Lab Sample ID: LCSD 880-20136/5
Matrix: Water
Analysis Batch: 20136

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	0.03835		mg/L		96	85 - 115	1	20

Lab Sample ID: MB 880-20141/3
Matrix: Water
Analysis Batch: 20141

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 10:40	1

Lab Sample ID: LCS 880-20141/4
Matrix: Water
Analysis Batch: 20141

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	0.04034		mg/L		101	85 - 115

Lab Sample ID: LCSD 880-20141/5
Matrix: Water
Analysis Batch: 20141

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	0.04084		mg/L		102	85 - 115	1	20

Lab Sample ID: MB 880-20240/3
Matrix: Water
Analysis Batch: 20240

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

Lab Sample ID: LCS 880-20240/4
Matrix: Water
Analysis Batch: 20240

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	0.03529		mg/L		88	85 - 115

QC Sample Results

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

Job ID: 880-11511-1

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: LCSD 880-20240/5
Matrix: Water
Analysis Batch: 20240

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	0.03529		mg/L		88	85 - 115	0	20

Lab Sample ID: 880-11511-5 MS
Matrix: Water
Analysis Batch: 20136

Client Sample ID: MW059-W-220221
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	0.995	H	2.00	3.072		mg/L		104	85 - 115		

Lab Sample ID: 880-11511-5 MSD
Matrix: Water
Analysis Batch: 20136

Client Sample ID: MW059-W-220221
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	0.995	H	2.00	3.072		mg/L		104	85 - 115	0	20

Lab Sample ID: 880-11511-10 MS
Matrix: Water
Analysis Batch: 20141

Client Sample ID: MW070-W-220221
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	<0.00273	U H	0.200	0.2272		mg/L		114	85 - 115		

Lab Sample ID: 880-11511-10 MSD
Matrix: Water
Analysis Batch: 20141

Client Sample ID: MW070-W-220221
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	<0.00273	U H	0.200	0.2272		mg/L		114	85 - 115	0	20

Lab Sample ID: 880-11511-12 MS
Matrix: Water
Analysis Batch: 20240

Client Sample ID: MW031-W-220221
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Cr (VI)	<0.00273	U H	0.200	0.1938		mg/L		97	85 - 115		

Lab Sample ID: 880-11511-12 MSD
Matrix: Water
Analysis Batch: 20240

Client Sample ID: MW031-W-220221
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Cr (VI)	<0.00273	U H	0.200	0.1938		mg/L		97	85 - 115	0	20

QC Sample Results

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

Job ID: 880-11511-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 830-774/1
Matrix: Water
Analysis Batch: 774

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	<25.0	U	25.0	25.0	mg/L			02/25/22 17:00	1

Lab Sample ID: LCS 830-774/2
Matrix: Water
Analysis Batch: 774

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	1002		mg/L		100	90 - 110		

Lab Sample ID: LCSD 830-774/3
Matrix: Water
Analysis Batch: 774

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	90 - 110	0	10

Lab Sample ID: 880-11511-1 DU
Matrix: Water
Analysis Batch: 774

Client Sample ID: MW043-W-220221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2140			2140		mg/L				0.2	10

Lab Sample ID: MB 830-775/1
Matrix: Water
Analysis Batch: 775

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	<25.0	U	25.0	25.0	mg/L			02/27/22 17:00	1

Lab Sample ID: LCS 830-775/2
Matrix: Water
Analysis Batch: 775

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	1002		mg/L		100	90 - 110		

Lab Sample ID: LCSD 830-775/3
Matrix: Water
Analysis Batch: 775

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	996.0		mg/L		100	90 - 110	1	10

Lab Sample ID: 880-11511-21 DU
Matrix: Water
Analysis Batch: 775

Client Sample ID: DUP07-W-220221
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1880			1898		mg/L				0.8	10

QC Association Summary

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

Job ID: 880-11511-1

GC VOA

Prep Batch: 20207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-20207/5-A	Method Blank	Total/NA	Water	5035	

Analysis Batch: 20288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	8021B	
880-11511-2	IW019-W-220221	Total/NA	Water	8021B	
880-11511-3	MW037-W-220221	Total/NA	Water	8021B	
880-11511-4	MW001-W-220221	Total/NA	Water	8021B	
880-11511-29	MW046A-W-220221	Total/NA	Water	8021B	
880-11511-30	MW045-W-220221	Total/NA	Water	8021B	
MB 880-20288/8	Method Blank	Total/NA	Water	8021B	
LCS 880-20288/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-20288/4	Lab Control Sample Dup	Total/NA	Water	8021B	

Analysis Batch: 20374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	Total BTEX	
880-11511-2	IW019-W-220221	Total/NA	Water	Total BTEX	
880-11511-3	MW037-W-220221	Total/NA	Water	Total BTEX	
880-11511-4	MW001-W-220221	Total/NA	Water	Total BTEX	
880-11511-29	MW046A-W-220221	Total/NA	Water	Total BTEX	
880-11511-30	MW045-W-220221	Total/NA	Water	Total BTEX	

Analysis Batch: 20376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-20207/5-A	Method Blank	Total/NA	Water	8021B	20207
MB 880-20376/70	Method Blank	Total/NA	Water	8021B	
LCS 880-20376/65	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-20376/66	Lab Control Sample Dup	Total/NA	Water	8021B	
880-11511-1 MS	MW043-W-220221	Total/NA	Water	8021B	
880-11511-1 MSD	MW043-W-220221	Total/NA	Water	8021B	

GC Semi VOA

Prep Batch: 20159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	8015NM Aq Prep	
880-11511-1	MW043-W-220221	Total/NA	Water	8015NM Aq Prep	
880-11511-3	MW037-W-220221	Total/NA	Water	8015NM Aq Prep	
880-11511-4	MW001-W-220221	Total/NA	Water	8015NM Aq Prep	
880-11511-29	MW046A-W-220221	Total/NA	Water	8015NM Aq Prep	
880-11511-30	MW045-W-220221	Total/NA	Water	8015NM Aq Prep	
MB 880-20159/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 880-20159/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 880-20159/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	
880-11511-1 MS	MW043-W-220221	Total/NA	Water	8015NM Aq Prep	
880-11511-1 MSD	MW043-W-220221	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 20310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	8015B NM	20159

QC Association Summary

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

Job ID: 880-11511-1

GC Semi VOA (Continued)

Analysis Batch: 20310 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	8015B NM	20159
880-11511-3	MW037-W-220221	Total/NA	Water	8015B NM	20159
880-11511-4	MW001-W-220221	Total/NA	Water	8015B NM	20159
880-11511-29	MW046A-W-220221	Total/NA	Water	8015B NM	20159
880-11511-30	MW045-W-220221	Total/NA	Water	8015B NM	20159
MB 880-20159/1-A	Method Blank	Total/NA	Water	8015B NM	20159
LCS 880-20159/2-A	Lab Control Sample	Total/NA	Water	8015B NM	20159
LCSD 880-20159/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	20159
880-11511-1 MS	MW043-W-220221	Total/NA	Water	8015B NM	20159
880-11511-1 MSD	MW043-W-220221	Total/NA	Water	8015B NM	20159

Prep Batch: 20527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-2	IW019-W-220221	Total/NA	Water	8015NM Aq Prep	
MB 880-20527/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 880-20527/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 880-20527/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 20567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	8015 NM	
880-11511-2	IW019-W-220221	Total/NA	Water	8015 NM	
880-11511-3	MW037-W-220221	Total/NA	Water	8015 NM	
880-11511-4	MW001-W-220221	Total/NA	Water	8015 NM	
880-11511-29	MW046A-W-220221	Total/NA	Water	8015 NM	
880-11511-30	MW045-W-220221	Total/NA	Water	8015 NM	

Analysis Batch: 20580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-2	IW019-W-220221	Total/NA	Water	8015B NM	20527
MB 880-20527/1-A	Method Blank	Total/NA	Water	8015B NM	20527
LCS 880-20527/2-A	Lab Control Sample	Total/NA	Water	8015B NM	20527
LCSD 880-20527/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	20527

HPLC/IC

Analysis Batch: 43262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1 - DL	MW043-W-220221	Total/NA	Water	300.0	
880-11511-2 - DL	IW019-W-220221	Total/NA	Water	300.0	
880-11511-3 - DL	MW037-W-220221	Total/NA	Water	300.0	
880-11511-4 - DL	MW001-W-220221	Total/NA	Water	300.0	
880-11511-5 - DL	MW059-W-220221	Total/NA	Water	300.0	
880-11511-6 - DL	MW023-W-220221	Total/NA	Water	300.0	
880-11511-7	MW030-W-220221	Total/NA	Water	300.0	
880-11511-8	MW058-W-220221	Total/NA	Water	300.0	
880-11511-9	MW099-W-220221	Total/NA	Water	300.0	
880-11511-10	MW070-W-220221	Total/NA	Water	300.0	
880-11511-11	MW063A-W-220221	Total/NA	Water	300.0	
880-11511-12	MW031-W-220221	Total/NA	Water	300.0	
880-11511-13	MW069-W-220221	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 880-11511-1

HPLC/IC (Continued)

Analysis Batch: 43262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-14	MW053SA-W-220221	Total/NA	Water	300.0	
880-11511-15	DUP06-W-220221	Total/NA	Water	300.0	
880-11511-16	MW004A-W-220221	Total/NA	Water	300.0	
880-11511-17	IW024-W-220221	Total/NA	Water	300.0	
880-11511-18	MW090SA-W-220221	Total/NA	Water	300.0	
880-11511-19	MW089SA-W-220221	Total/NA	Water	300.0	
880-11511-20	MW047-W-220221	Total/NA	Water	300.0	
880-11511-21	DUP07-W-220221	Total/NA	Water	300.0	
880-11511-22	MW007A-W-220221	Total/NA	Water	300.0	
880-11511-23	MW097P-W-220221	Total/NA	Water	300.0	
880-11511-24	MW008M-W-220221	Total/NA	Water	300.0	
880-11511-25	MW087A-W-220221	Total/NA	Water	300.0	
880-11511-26	MW011A-W-220221	Total/NA	Water	300.0	
880-11511-27	MW002A-W-220221	Total/NA	Water	300.0	
880-11511-28	DUP08-W-220221	Total/NA	Water	300.0	
880-11511-29	MW046A-W-220221	Total/NA	Water	300.0	
880-11511-30	MW045-W-220221	Total/NA	Water	300.0	
MB 860-43262/57	Method Blank	Total/NA	Water	300.0	
MB 860-43262/90	Method Blank	Total/NA	Water	300.0	
LCS 860-43262/58	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-43262/91	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-43262/59	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-43262/92	Lab Control Sample Dup	Total/NA	Water	300.0	
880-11511-7 MS	MW030-W-220221	Total/NA	Water	300.0	
880-11511-7 MSD	MW030-W-220221	Total/NA	Water	300.0	
880-11511-9 MS	MW099-W-220221	Total/NA	Water	300.0	
880-11511-9 MSD	MW099-W-220221	Total/NA	Water	300.0	
880-11511-11 MS	MW063A-W-220221	Total/NA	Water	300.0	
880-11511-11 MSD	MW063A-W-220221	Total/NA	Water	300.0	
880-11511-12 MS	MW031-W-220221	Total/NA	Water	300.0	
880-11511-12 MSD	MW031-W-220221	Total/NA	Water	300.0	

Metals

Prep Batch: 42699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Dissolved	Water	3010A	
880-11511-2	IW019-W-220221	Dissolved	Water	3010A	
880-11511-3	MW037-W-220221	Dissolved	Water	3010A	
880-11511-4	MW001-W-220221	Dissolved	Water	3010A	
880-11511-5	MW059-W-220221	Dissolved	Water	3010A	
880-11511-6	MW023-W-220221	Dissolved	Water	3010A	
880-11511-7	MW030-W-220221	Dissolved	Water	3010A	
880-11511-8	MW058-W-220221	Dissolved	Water	3010A	
880-11511-9	MW099-W-220221	Dissolved	Water	3010A	
880-11511-10	MW070-W-220221	Dissolved	Water	3010A	
MB 860-42699/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42699/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42699/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-11511-1 MS	MW043-W-220221	Dissolved	Water	3010A	
880-11511-1 MSD	MW043-W-220221	Dissolved	Water	3010A	

QC Association Summary

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

Job ID: 880-11511-1

Metals

Prep Batch: 42723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-11	MW063A-W-220221	Dissolved	Water	3010A	
880-11511-12	MW031-W-220221	Dissolved	Water	3010A	
880-11511-13	MW069-W-220221	Dissolved	Water	3010A	
880-11511-14	MW053SA-W-220221	Dissolved	Water	3010A	
880-11511-15	DUP06-W-220221	Dissolved	Water	3010A	
880-11511-16	MW004A-W-220221	Dissolved	Water	3010A	
880-11511-17	IW024-W-220221	Dissolved	Water	3010A	
880-11511-18	MW090SA-W-220221	Dissolved	Water	3010A	
880-11511-19	MW089SA-W-220221	Dissolved	Water	3010A	
880-11511-20	MW047-W-220221	Dissolved	Water	3010A	
880-11511-21	DUP07-W-220221	Dissolved	Water	3010A	
880-11511-22	MW007A-W-220221	Dissolved	Water	3010A	
880-11511-23	MW097P-W-220221	Dissolved	Water	3010A	
880-11511-24	MW008M-W-220221	Dissolved	Water	3010A	
880-11511-25	MW087A-W-220221	Dissolved	Water	3010A	
880-11511-26	MW011A-W-220221	Dissolved	Water	3010A	
880-11511-27	MW002A-W-220221	Dissolved	Water	3010A	
880-11511-28	DUP08-W-220221	Dissolved	Water	3010A	
880-11511-29	MW046A-W-220221	Dissolved	Water	3010A	
880-11511-30	MW045-W-220221	Dissolved	Water	3010A	
MB 860-42723/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-42723/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-42723/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
880-11511-11 MS	MW063A-W-220221	Dissolved	Water	3010A	
880-11511-11 MSD	MW063A-W-220221	Dissolved	Water	3010A	

Analysis Batch: 42839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Dissolved	Water	6020A	42699
880-11511-2	IW019-W-220221	Dissolved	Water	6020A	42699
880-11511-3	MW037-W-220221	Dissolved	Water	6020A	42699
880-11511-4	MW001-W-220221	Dissolved	Water	6020A	42699
880-11511-5	MW059-W-220221	Dissolved	Water	6020A	42699
880-11511-6	MW023-W-220221	Dissolved	Water	6020A	42699
880-11511-7	MW030-W-220221	Dissolved	Water	6020A	42699
880-11511-8	MW058-W-220221	Dissolved	Water	6020A	42699
880-11511-9	MW099-W-220221	Dissolved	Water	6020A	42699
880-11511-10	MW070-W-220221	Dissolved	Water	6020A	42699
MB 860-42699/1-A	Method Blank	Total/NA	Water	6020A	42699
LCS 860-42699/2-A	Lab Control Sample	Total/NA	Water	6020A	42699
LCSD 860-42699/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42699
880-11511-1 MS	MW043-W-220221	Dissolved	Water	6020A	42699
880-11511-1 MSD	MW043-W-220221	Dissolved	Water	6020A	42699

Analysis Batch: 42995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-4	MW001-W-220221	Dissolved	Water	6020A	42699
880-11511-6	MW023-W-220221	Dissolved	Water	6020A	42699
880-11511-8	MW058-W-220221	Dissolved	Water	6020A	42699
880-11511-11	MW063A-W-220221	Dissolved	Water	6020A	42723
880-11511-12	MW031-W-220221	Dissolved	Water	6020A	42723

QC Association Summary

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

Job ID: 880-11511-1

Metals (Continued)

Analysis Batch: 42995 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-13	MW069-W-220221	Dissolved	Water	6020A	42723
880-11511-14	MW053SA-W-220221	Dissolved	Water	6020A	42723
880-11511-15	DUP06-W-220221	Dissolved	Water	6020A	42723
880-11511-16	MW004A-W-220221	Dissolved	Water	6020A	42723
880-11511-17	IW024-W-220221	Dissolved	Water	6020A	42723
880-11511-18	MW090SA-W-220221	Dissolved	Water	6020A	42723
880-11511-19	MW089SA-W-220221	Dissolved	Water	6020A	42723
880-11511-20	MW047-W-220221	Dissolved	Water	6020A	42723
880-11511-21	DUP07-W-220221	Dissolved	Water	6020A	42723
880-11511-22	MW007A-W-220221	Dissolved	Water	6020A	42723
880-11511-23	MW097P-W-220221	Dissolved	Water	6020A	42723
880-11511-24	MW008M-W-220221	Dissolved	Water	6020A	42723
880-11511-25	MW087A-W-220221	Dissolved	Water	6020A	42723
880-11511-26	MW011A-W-220221	Dissolved	Water	6020A	42723
880-11511-27	MW002A-W-220221	Dissolved	Water	6020A	42723
880-11511-28	DUP08-W-220221	Dissolved	Water	6020A	42723
880-11511-29	MW046A-W-220221	Dissolved	Water	6020A	42723
880-11511-30	MW045-W-220221	Dissolved	Water	6020A	42723
MB 860-42723/1-A	Method Blank	Total/NA	Water	6020A	42723
LCS 860-42723/2-A	Lab Control Sample	Total/NA	Water	6020A	42723
LCSD 860-42723/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	42723
880-11511-11 MS	MW063A-W-220221	Dissolved	Water	6020A	42723
880-11511-11 MSD	MW063A-W-220221	Dissolved	Water	6020A	42723

Analysis Batch: 43088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-24	MW008M-W-220221	Dissolved	Water	6020A	42723

General Chemistry

Analysis Batch: 774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Total/NA	Water	SM 2540C	
880-11511-2	IW019-W-220221	Total/NA	Water	SM 2540C	
880-11511-3	MW037-W-220221	Total/NA	Water	SM 2540C	
880-11511-4	MW001-W-220221	Total/NA	Water	SM 2540C	
880-11511-5	MW059-W-220221	Total/NA	Water	SM 2540C	
880-11511-6	MW023-W-220221	Total/NA	Water	SM 2540C	
880-11511-7	MW030-W-220221	Total/NA	Water	SM 2540C	
880-11511-8	MW058-W-220221	Total/NA	Water	SM 2540C	
880-11511-9	MW099-W-220221	Total/NA	Water	SM 2540C	
880-11511-10	MW070-W-220221	Total/NA	Water	SM 2540C	
880-11511-11	MW063A-W-220221	Total/NA	Water	SM 2540C	
880-11511-12	MW031-W-220221	Total/NA	Water	SM 2540C	
880-11511-13	MW069-W-220221	Total/NA	Water	SM 2540C	
880-11511-14	MW053SA-W-220221	Total/NA	Water	SM 2540C	
880-11511-15	DUP06-W-220221	Total/NA	Water	SM 2540C	
880-11511-16	MW004A-W-220221	Total/NA	Water	SM 2540C	
880-11511-17	IW024-W-220221	Total/NA	Water	SM 2540C	
880-11511-18	MW090SA-W-220221	Total/NA	Water	SM 2540C	
880-11511-19	MW089SA-W-220221	Total/NA	Water	SM 2540C	

QC Association Summary

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

Job ID: 880-11511-1

General Chemistry (Continued)

Analysis Batch: 774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-20	MW047-W-220221	Total/NA	Water	SM 2540C	
MB 830-774/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-774/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-774/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-11511-1 DU	MW043-W-220221	Total/NA	Water	SM 2540C	

Analysis Batch: 775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-21	DUP07-W-220221	Total/NA	Water	SM 2540C	
880-11511-22	MW007A-W-220221	Total/NA	Water	SM 2540C	
880-11511-23	MW097P-W-220221	Total/NA	Water	SM 2540C	
880-11511-24	MW008M-W-220221	Total/NA	Water	SM 2540C	
880-11511-25	MW087A-W-220221	Total/NA	Water	SM 2540C	
880-11511-26	MW011A-W-220221	Total/NA	Water	SM 2540C	
880-11511-27	MW002A-W-220221	Total/NA	Water	SM 2540C	
880-11511-28	DUP08-W-220221	Total/NA	Water	SM 2540C	
880-11511-29	MW046A-W-220221	Total/NA	Water	SM 2540C	
880-11511-30	MW045-W-220221	Total/NA	Water	SM 2540C	
MB 830-775/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 830-775/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 830-775/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-11511-21 DU	DUP07-W-220221	Total/NA	Water	SM 2540C	

Analysis Batch: 20136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-5	MW059-W-220221	Dissolved	Water	7196A	
880-11511-6	MW023-W-220221	Dissolved	Water	7196A	
880-11511-7	MW030-W-220221	Dissolved	Water	7196A	
880-11511-8	MW058-W-220221	Dissolved	Water	7196A	
880-11511-9	MW099-W-220221	Dissolved	Water	7196A	
880-11511-11	MW063A-W-220221	Dissolved	Water	7196A	
880-11511-16	MW004A-W-220221	Dissolved	Water	7196A	
880-11511-17	IW024-W-220221	Dissolved	Water	7196A	
880-11511-18	MW090SA-W-220221	Dissolved	Water	7196A	
880-11511-19	MW089SA-W-220221	Dissolved	Water	7196A	
MB 880-20136/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20136/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20136/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11511-5 MS	MW059-W-220221	Dissolved	Water	7196A	
880-11511-5 MSD	MW059-W-220221	Dissolved	Water	7196A	

Analysis Batch: 20141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-1	MW043-W-220221	Dissolved	Water	7196A	
880-11511-10	MW070-W-220221	Dissolved	Water	7196A	
880-11511-14	MW053SA-W-220221	Dissolved	Water	7196A	
880-11511-15	DUP06-W-220221	Dissolved	Water	7196A	
880-11511-20	MW047-W-220221	Dissolved	Water	7196A	
880-11511-21	DUP07-W-220221	Dissolved	Water	7196A	
880-11511-22	MW007A-W-220221	Dissolved	Water	7196A	
880-11511-23	MW097P-W-220221	Dissolved	Water	7196A	

QC Association Summary

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

Job ID: 880-11511-1

General Chemistry (Continued)

Analysis Batch: 20141 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-24	MW008M-W-220221	Dissolved	Water	7196A	
880-11511-25	MW087A-W-220221	Dissolved	Water	7196A	
MB 880-20141/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20141/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20141/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11511-10 MS	MW070-W-220221	Dissolved	Water	7196A	
880-11511-10 MSD	MW070-W-220221	Dissolved	Water	7196A	

Analysis Batch: 20240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-11511-2	IW019-W-220221	Dissolved	Water	7196A	
880-11511-3	MW037-W-220221	Dissolved	Water	7196A	
880-11511-4	MW001-W-220221	Dissolved	Water	7196A	
880-11511-12	MW031-W-220221	Dissolved	Water	7196A	
880-11511-13	MW069-W-220221	Dissolved	Water	7196A	
880-11511-26	MW011A-W-220221	Dissolved	Water	7196A	
880-11511-27	MW002A-W-220221	Dissolved	Water	7196A	
880-11511-28	DUP08-W-220221	Dissolved	Water	7196A	
880-11511-29	MW046A-W-220221	Dissolved	Water	7196A	
880-11511-30	MW045-W-220221	Dissolved	Water	7196A	
MB 880-20240/3	Method Blank	Total/NA	Water	7196A	
LCS 880-20240/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-20240/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-11511-12 MS	MW031-W-220221	Dissolved	Water	7196A	
880-11511-12 MSD	MW031-W-220221	Dissolved	Water	7196A	

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW043-W-220221
Date Collected: 02/21/22 11:53
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-1
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	8021B		1	5 mL	5 mL	20288	02/25/22 20:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20374	02/25/22 20:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20567	02/28/22 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.2 mL	3 mL	20159	02/23/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20310	02/26/22 00:15	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.1 mL	3 mL	20159	02/23/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20310	02/26/22 01:24	AJ	XEN MID
Total/NA	Analysis	300.0	DL	10			43262	03/02/22 02:35	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 17:34	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: IW019-W-220221
Date Collected: 02/21/22 12:24
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-2
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	8021B		1	5 mL	5 mL	20288	02/25/22 17:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20374	02/25/22 20:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20567	02/28/22 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.5 mL	3 mL	20527	02/28/22 14:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20580	03/02/22 04:44	AJ	XEN MID
Total/NA	Analysis	300.0	DL	10			43262	03/02/22 02:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 17:57	SHZ	XEN STF
Dissolved	Analysis	7196A		5	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW037-W-220221
Date Collected: 02/21/22 13:32
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-3
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	8021B		1	5 mL	5 mL	20288	02/25/22 18:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20374	02/25/22 20:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20567	02/28/22 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.1 mL	3 mL	20159	02/23/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20310	02/26/22 01:46	AJ	XEN MID
Total/NA	Analysis	300.0	DL	10			43262	03/02/22 02:59	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:00	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW037-W-220221
Date Collected: 02/21/22 13:32
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-3
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	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW001-W-220221
Date Collected: 02/21/22 13:53
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-4
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	8021B		1	5 mL	5 mL	20288	02/25/22 18:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20374	02/25/22 20:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20567	02/28/22 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.7 mL	3 mL	20159	02/23/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20310	02/26/22 02:09	AJ	XEN MID
Total/NA	Analysis	300.0	DL	10			43262	03/02/22 03:11	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:03	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		20			42995	02/25/22 14:10	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW059-W-220221
Date Collected: 02/21/22 08:29
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-5
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	DL	10			43262	03/02/22 03:23	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:06	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW023-W-220221
Date Collected: 02/21/22 08:59
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-6
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	DL	10			43262	03/02/22 03:35	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:09	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		25			42995	02/25/22 14:13	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW030-W-220221
Date Collected: 02/21/22 09:16
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-7
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			43262	03/02/22 03:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:13	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW058-W-220221
Date Collected: 02/21/22 09:34
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-8
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			43262	03/02/22 04:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:16	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		50			42995	02/25/22 14:16	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW099-W-220221
Date Collected: 02/21/22 09:59
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-9
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			43262	03/02/22 04:59	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:19	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW070-W-220221
Date Collected: 02/21/22 10:18
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-10
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		1			43262	03/02/22 05:35	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42699	02/24/22 08:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42839	02/24/22 18:22	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW063A-W-220221
Date Collected: 02/21/22 10:35
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-11
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			43262	03/02/22 06:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 11:56	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW031-W-220221
Date Collected: 02/21/22 11:09
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-12
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		1			43262	03/02/22 07:23	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:28	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW069-W-220221
Date Collected: 02/21/22 11:35
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-13
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		100			43262	03/02/22 07:59	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:31	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	10 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW053SA-W-220221
Date Collected: 02/21/22 12:49
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-14
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			43262	03/02/22 08:35	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:41	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: DUP06-W-220221
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-15
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		10			43262	03/02/22 08:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:44	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW004A-W-220221
Date Collected: 02/21/22 09:20
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-16
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		10			43262	03/02/22 08:59	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:47	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: IW024-W-220221
Date Collected: 02/21/22 09:41
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-17
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			43262	03/02/22 09:11	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:50	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW090SA-W-220221
Date Collected: 02/21/22 10:03
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-18
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			43262	03/02/22 09:23	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:53	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW089SA-W-220221
Date Collected: 02/21/22 10:22
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-19
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			43262	03/02/22 09:35	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 12:57	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20136	02/22/22 08:45	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: MW047-W-220221
Date Collected: 02/21/22 10:52
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-20
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			43262	03/02/22 09:47	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:00	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	774	02/25/22 17:00	DH	XEN EP

Client Sample ID: DUP07-W-220221
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-21
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			43262	03/02/22 10:03	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:03	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: MW007A-W-220221
Date Collected: 02/21/22 11:17
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-22
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			43262	03/02/22 10:15	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:13	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW097P-W-220221
Lab Sample ID: 880-11511-23
Date Collected: 02/21/22 11:34
Matrix: Water
Date Received: 02/22/22 08:00

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			43262	03/02/22 10:27	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:16	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: MW008M-W-220221
Lab Sample ID: 880-11511-24
Date Collected: 02/21/22 12:30
Matrix: Water
Date Received: 02/22/22 08:00

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			43262	03/02/22 11:03	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:19	SHZ	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		100			43088	02/25/22 19:34	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: MW087A-W-220221
Lab Sample ID: 880-11511-25
Date Collected: 02/21/22 12:48
Matrix: Water
Date Received: 02/22/22 08:00

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			43262	03/02/22 11:16	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:22	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20141	02/22/22 10:40	CH	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: MW011A-W-220221
Lab Sample ID: 880-11511-26
Date Collected: 02/21/22 13:22
Matrix: Water
Date Received: 02/22/22 08:00

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			43262	03/02/22 11:28	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:25	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	50 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW002A-W-220221

Lab Sample ID: 880-11511-27
Date Collected: 02/21/22 13:45
Matrix: Water
Date Received: 02/22/22 08:00

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			43262	03/02/22 11:40	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:29	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: DUP08-W-220221

Lab Sample ID: 880-11511-28
Date Collected: 02/21/22 00:00
Matrix: Water
Date Received: 02/22/22 08:00

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			43262	03/02/22 11:52	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:32	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: MW046A-W-220221

Lab Sample ID: 880-11511-29
Date Collected: 02/21/22 14:38
Matrix: Water
Date Received: 02/22/22 08:00

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	20288	02/25/22 18:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20374	02/25/22 20:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20567	02/28/22 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.6 mL	3 mL	20159	02/23/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20310	02/26/22 02:31	AJ	XEN MID
Total/NA	Analysis	300.0		10			43262	03/02/22 12:04	WP	XEN STF
Dissolved	Prep	3010A			50 mL	50 mL	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:35	SHZ	XEN STF
Dissolved	Analysis	7196A		10	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	25 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Client Sample ID: MW045-W-220221

Lab Sample ID: 880-11511-30
Date Collected: 02/21/22 15:05
Matrix: Water
Date Received: 02/22/22 08:00

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	20288	02/25/22 19:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			20374	02/25/22 20:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			20567	02/28/22 19:41	AJ	XEN MID
Total/NA	Prep	8015NM Aq Prep			33.3 mL	3 mL	20159	02/23/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			20310	02/26/22 02:54	AJ	XEN MID
Total/NA	Analysis	300.0		1			43262	03/02/22 12:16	WP	XEN STF

Lab Chronicle

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

Job ID: 880-11511-1

Client Sample ID: MW045-W-220221

Date Collected: 02/21/22 15:05
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-30

Matrix: Water

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	42723	02/24/22 09:30	MD	XEN STF
Dissolved	Analysis	6020A		1			42995	02/25/22 13:38	SHZ	XEN STF
Dissolved	Analysis	7196A		1	100 mL	100 mL	20240	02/22/22 12:00	SC	XEN MID
Total/NA	Analysis	SM 2540C		1	100 mL	1000 mL	775	02/27/22 17:00	DH	XEN EP

Laboratory References:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: ARCADIS U.S. Inc
Job ID: 880-11511-1
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	T104704400-21-22	06-30-22

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	Total TPH
Total BTEX		Water	Total BTEX

Laboratory: Eurofins El Paso

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704221-21-19	04-30-22

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-21-44	06-30-22

Method Summary

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

Job ID: 880-11511-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN STF
6020A	Metals (ICP/MS)	SW846	XEN STF
7196A	Chromium, Hexavalent	SW846	XEN MID
SM 2540C	Solids, Total Dissolved (TDS)	SM	XEN EP
3010A	Preparation, Total Metals	SW846	XEN STF
5030B	Purge and Trap	SW846	XEN MID
8015NM Aq Prep	Microextraction	SW846	XEN MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
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:

XEN EP = Eurofins El Paso, 200 East Sunset Rd., Suite E, El Paso, TX 79922, TEL (915)585-3443
XEN MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440
XEN STF = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

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

Job ID: 880-11511-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-11511-1	MW043-W-220221	Water	02/21/22 11:53	02/22/22 08:00
880-11511-2	IW019-W-220221	Water	02/21/22 12:24	02/22/22 08:00
880-11511-3	MW037-W-220221	Water	02/21/22 13:32	02/22/22 08:00
880-11511-4	MW001-W-220221	Water	02/21/22 13:53	02/22/22 08:00
880-11511-5	MW059-W-220221	Water	02/21/22 08:29	02/22/22 08:00
880-11511-6	MW023-W-220221	Water	02/21/22 08:59	02/22/22 08:00
880-11511-7	MW030-W-220221	Water	02/21/22 09:16	02/22/22 08:00
880-11511-8	MW058-W-220221	Water	02/21/22 09:34	02/22/22 08:00
880-11511-9	MW099-W-220221	Water	02/21/22 09:59	02/22/22 08:00
880-11511-10	MW070-W-220221	Water	02/21/22 10:18	02/22/22 08:00
880-11511-11	MW063A-W-220221	Water	02/21/22 10:35	02/22/22 08:00
880-11511-12	MW031-W-220221	Water	02/21/22 11:09	02/22/22 08:00
880-11511-13	MW069-W-220221	Water	02/21/22 11:35	02/22/22 08:00
880-11511-14	MW053SA-W-220221	Water	02/21/22 12:49	02/22/22 08:00
880-11511-15	DUP06-W-220221	Water	02/21/22 00:00	02/22/22 08:00
880-11511-16	MW004A-W-220221	Water	02/21/22 09:20	02/22/22 08:00
880-11511-17	IW024-W-220221	Water	02/21/22 09:41	02/22/22 08:00
880-11511-18	MW090SA-W-220221	Water	02/21/22 10:03	02/22/22 08:00
880-11511-19	MW089SA-W-220221	Water	02/21/22 10:22	02/22/22 08:00
880-11511-20	MW047-W-220221	Water	02/21/22 10:52	02/22/22 08:00
880-11511-21	DUP07-W-220221	Water	02/21/22 00:00	02/22/22 08:00
880-11511-22	MW007A-W-220221	Water	02/21/22 11:17	02/22/22 08:00
880-11511-23	MW097P-W-220221	Water	02/21/22 11:34	02/22/22 08:00
880-11511-24	MW008M-W-220221	Water	02/21/22 12:30	02/22/22 08:00
880-11511-25	MW087A-W-220221	Water	02/21/22 12:48	02/22/22 08:00
880-11511-26	MW011A-W-220221	Water	02/21/22 13:22	02/22/22 08:00
880-11511-27	MW002A-W-220221	Water	02/21/22 13:45	02/22/22 08:00
880-11511-28	DUP08-W-220221	Water	02/21/22 00:00	02/22/22 08:00
880-11511-29	MW046A-W-220221	Water	02/21/22 14:38	02/22/22 08:00
880-11511-30	MW045-W-220221	Water	02/21/22 15:05	02/22/22 08:00

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

880-11511 Chain of Custody

3/18/2022 (Rev. 1)

Client Information	Sampler: Cindy S. Longwell	Lab PM: Builes John	Carrier Tracking No(s):	Page: Page 1 of 4
Client Contact: ~~Callum Ferguson~~ Andrea DeMoss	Phone: 432-288-0876	E-Mail: john.builes@eurofinset.com	State of Origin:	
Company: ARCADIS U S Inc	PWSID:			Job #: 11511
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 206-295-3273(Tel)	PO #: Purchase Order not required			
Email: andrea.demoss@arcadis.com ~~Callum.Ferguson@arcadis.com~~	WO #:			
Project Name: Eunice Project	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A Local Method	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	D	N	A	A	N		
MW048-W-220221	02/21/22	1153	G	Water			X	X	X	X	X	X	9	
EW019-W-220221	02/21/22	1224	G	Water			X	X	X	X	X	X	9	
MW037-W-220221	02/21/22	1332	G	Water			X	X	X	X	X	X	9	
MW001-W-220221	02/21/22	1353	G	Water			X	X	X	X	X	X	9	
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested I II III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements: 2.0/2.5 IDB

Empty Kit Relinquished by:		Date:	Time:	Method of Shipment:			
Relinquished by:	Date/Time: 2-21-22/1745	Company: Arcadis	Received by:	Date/Time: 2/21/22 1745	Company:		
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time: 2/22/22	Company: 0800		
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: 01/16/2019

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Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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 Americ

Client Information	Sampler: Jerry S. Longwell	Lab PM: Builes John	Carrier Tracking No(s):	COC No.: 880-2515-111 1
Client Contact: ~~Callum Ferguson~~ Andrew DeMerco	Phone: 432-295-0876	E-Mail: john.builes@eurofinset.com	State of Origin:	Page: Page 2 of 4
Company: ARCADIS U S Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 206-295-3273(Tel)	PO #: Purchase Order not required			
Email: andrew.demerco@arcadis.com ~~Callum.Ferguson@arcadis.com~~	WO #:			
Project Name: Eunice Project	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A - Local Method	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A	N		
MW059-W-220221 JSL	02/21/22	0825	G	Water			X	X	X			X	4	
MW023-W-220221	02/21/22	0859	G	Water			X	X	X			X	4	
MW038-W-220221	02/21/22	0916	G	Water			X	X	X			X	4	
MW058-W-220221	02/21/22	0934	G	Water			X	X	X			X	4	
MW089-W-220221	02/21/22	0859	G	Water			X	X	X			X	4	
MW070-W-220221	02/21/22	1018	G	Water			X	X	X			X	4	
MW063A-W-220221	02/21/22	1035	G	Water			X	X	X			X	4	
MW031-W-220221	02/21/22	1109	G	Water			X	X	X			X	4	
MW069-W-220221	02/21/22	1135	G	Water			X	X	X			X	4	
MW053SA-W-220221	02/21/22	1249	G	Water			X	X	X			X	4	
DUP06-W-220221	02/21/22	—	G	Water			X	X	X			X	4	

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
		2-21-22/1745	Arcadis			
	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

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Callum Ferguson Andrew DeMarco	Daniel McGee	Builes John		880-2515-111 1
Company: ARCADIS U S Inc	Phone: 432-997-2980	E-Mail: john builes@eurofinset com	State of Origin	Page: Page 3 of 4
Address: 1004 North Big Spring Suite 300	PWSID	Due Date Requested		Job #:
City: Midland		TAT Requested (days)		
State Zip: TX, 79701		Compliance Project: Δ Yes Δ No		
Phone: 206-295-3273(Tel)		PO #: Purchase Order not required		
Email: ~~Callum Ferguson@arcadis.com~~ andrew demarco@arcadis.com		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, 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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A Local Method	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A	N		
MW004A-W-220221	2-21-22	0920	G	Water			X	X	X			X	4	
IW024-W-220221	2-21-22	0941	G	Water			X	X	X			X	4	
MW090SA-W-220221	2-21-22	1003	G	Water			X	X	X			X	4	
MW089SA-W-220221	2-21-22	1022	G	Water			X	X	X			X	4	
MW047-W 220221	2-21-22	1052	G	Water			X	X	X			X	4	
DUP07-W-220221	2-21-22	—	G	Water			X	X	X			X	4	
MW007A-W-220221	2-21-22	1117	G	Water			X	X	X			X	4	
MW097P-W-220221	2-21-22	1134	G	Water			X	X	X			X	4	
MW008M-W-220221	2-21-22	1230	G	Water			X	X	X			X	4	
MW087A-W-220221	2-21-22	1248	G	Water			X	X	X			X	4	
MW011A-W-220221	2-21-22	1322	G	Water			X	X	X			X	4	

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
		2-21-22 / 1745	Arcadis			
	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

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Daniel McGee	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-2515-111 1
Client Contact: ~~Callum Ferguson~~ Andrew DeMarco	Phone: 432-999-2980	E-Mail: john builes@eurofinset com	State of Origin:	Page: Page 4 of 4
Company: ARCADIS U S Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days):			
State Zip: TX 79701	Compliance Project: Δ Yes Δ No			
Phone: 206-295-3273(Tel)	PO #: Purchase Order not required			
Email: ~~Callum.Ferguson@arcadis.com~~ andrew.demarco@arcadis.com	WO #:			
Project Name: Eunice Project	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A Local Method	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	D	N	A	A	N		
MW002A-W-220221	2-21-22	1345	G	Water			X	X	X			X	4	
DUP08-W-220221	2-21-22	—	G	Water			X	X	X			X	4	
MW046A-W-220221	2-21-22	1438	G	Water			X	X	X	X	X	X	9	
MW045-W-220221	2-21-22	1505	G	Water			X	X	X	X	X	X	9	
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										

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
	2-21-22 / 1745	Arcadis			
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

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3849.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11511-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/28/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW043-W-220221 (880-11511-1)	2/21/22	11:53 Central		Water			X	1	
IW019-W-220221 (880-11511-2)	2/21/22	12:24 Central		Water			X	1	
MW037-W-220221 (880-11511-3)	2/21/22	13:32 Central		Water			X	1	
MW001-W-220221 (880-11511-4)	2/21/22	13:53 Central		Water			X	1	
MW059-W-220221 (880-11511-5)	2/21/22	08:29 Central		Water			X	1	
MW023-W-220221 (880-11511-6)	2/21/22	08:59 Central		Water			X	1	
MW030-W-220221 (880-11511-7)	2/21/22	09:16 Central		Water			X	1	
MW058-W-220221 (880-11511-8)	2/21/22	09:34 Central		Water			X	1	
MW099-W-220221 (880-11511-9)	2/21/22	09:59 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Patricia Rodriguez	Date/Time	Company	Received by:	Date/Time: 2-23-22 10:40	Company
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

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Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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 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
I Ice U Acetone
J DI Water V MCAA
K EDTA W pH 4-5
L EDA 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										Total Number of containers	Special Instructions/Note:
			Preservation Code:																
MW043-W-220221 (880-11511-1)	2/21/22	11:53 Central		Water			X	X										2	
IW019-W-220221 (880-11511-2)	2/21/22	12:24 Central		Water			X	X										2	
MW037-W-220221 (880-11511-3)	2/21/22	13:32 Central		Water			X	X										2	
MW001-W-220221 (880-11511-4)	2/21/22	13:53 Central		Water			X	X										2	
MW059-W-220221 (880-11511-5)	2/21/22	08:29 Central		Water			X	X										2	
MW023-W-220221 (880-11511-6)	2/21/22	08:59 Central		Water			X	X										2	
MW030-W-220221 (880-11511 7)	2/21/22	09:16 Central		Water			X	X										2	
MW058-W-220221 (880-11511-8)	2/21/22	09:34 Central		Water			X	X										2	
MW099-W-220221 (880-11511-9)	2/21/22	09:59 Central		Water			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 out 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 complicance 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	Blanca Rodriguez			Greyhound		
2	Greyhound			Pedro Palmon	2/23/2022 14:30	EX
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

Temp: 2.0 IR ID HOU-223
C/F: -0.1
Corrected Temp: 1.9

06/08/2021

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Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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	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
I Ice	U Acetone
J DI Water	V MCAA
K EDTA	W pH 4-5
L EDA	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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW070-W-220221 (880-11511 10)	2/21/22	10:18 Central		Water			X	X	2	
MW063-W-220221 (880-11511 11)	2/21/22	10:35 Central		Water			X	X	2	
MW031-W-220221 (880-11511 12)	2/21/22	11 09 Central		Water			X	X	2	
MW069-W-220221 (880-11511 13)	2/21/22	11 35 Central		Water			X	X	2	
MW0535A-W-220221 (880-11511 14)	2/21/22	12:49 Central		Water			X	X	2	
DUP06-W-220221 (880-11511 15)	2/21/22	Central		Water			X	X	2	
MW004A-W-220221 (880-11511-16)	2/21/22	09:20 Central		Water			X	X	2	
IW024-W-220221 (880-11511 17)	2/21/22	09:41 Central		Water			X	X	2	
MW0895A-W-220221 (880-11511 19)	2/21/22	10:22 Central		Water			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 out 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 complicance 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
Victoria Rodriguez			Greyhound		
Relinquished by: Greyhound	Date/Time:	Company	Received by: Pedro Palmon	Date/Time: 2/23/2022 14:30	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. 2.0 IR ID.HOU-223 C/F-0 Corrected Temp: 1.9

er 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 3 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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/oi 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW047-W-220221 (880-11511-20)	2/21/22	10:52 Central		Water			X	X	2	
DUP07-W-220221 (880-11511-21)	2/21/22	Central		Water			X	X	2	
MW007A-W-220221 (880-11511-22)	2/21/22	11 17 Central		Water			X	X	2	
MW097P-W-220221 (880-11511-25)	2/21/22	11 34 Central		Water			X	X	2	
MW008M-W-220221 (880-11511-24)	2/21/22	12:30 Central		Water			X	X	2	
MW0874A-W-220221 (880-11511-25)	2/21/22	12:48 Central		Water			X	X	2	
MW011A-W-220221 (880-11511-26)	2/21/22	13:22 Central		Water			X	X	2	
MW002A-W-220221 (880-11511-27)	2/21/22	13.45 Central		Water			X	X	2	
DUP08-W-220221 (880-11511-25)	2/21/22	Central		Water			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 out 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 complicance 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: Greyhound	Date/Time:	Company
Relinquished by: Greyhound	Date/Time:	Company	Received by: Pedro Palmon	Date/Time: 2/23/2022 14.30	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Temp. C/F -0.1 20 IR ID:HOU-223 Corrected Temp. 1.9	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:

06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 4 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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#:			

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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW046A-W-220221 (880-11511-29)	2/21/22	14:38 Central		Water			X	X	2	
MW0045-W-220221 (880-11511-30)	2/21/22	15:05 Central		Water			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 out 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 complicance 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	Patricia Rodriguez			Greyhound		
2	Greyhound			Pedro Palmon	2/23/2022 14:30	EX
3						

Custody Seals Intact. Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks:
		Temp 2.0 IR ID HOU-223 C/F:-0.1 Corrected Temp: 1.9

08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3861 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022	Analysis Requested		Preservation Codes:
City: Stafford	TAT Requested (days):			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 I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA 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#:			

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW043-W-220221 (880-11511 1)	2/21/22	11 53 Central		Water			X	X	2	
IW019-W-220221 (880-11511-2)	2/21/22	12.24 Central		Water			X	X	2	
MW037-W-220221 (880-11511-3)	2/21/22	13:32 Central		Water			X	X	2	
MW001-W-220221 (880-11511-4)	2/21/22	13:53 Central		Water			X	X	2	
MW059-W-220221 (880-11511-5)	2/21/22	08.29 Central		Water			X	X	2	
MW023-W-220221 (880-11511-6)	2/21/22	08.59 Central		Water			X	X	2	
MW030-W-220221 (880-11511 7)	2/21/22	09:16 Central		Water			X	X	2	
MW058-W-220221 (880-11511-8)	2/21/22	09:34 Central		Water			X	X	2	
MW099-W-220221 (880-11511-9)	2/21/22	09:59 Central		Water			X	X	2	

Temp. 2.3 IR ID:HOU-223
C/F: -0.1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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: 2/25/2022 10:46	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:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-3861.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			Preservation Codes:
City: Stafford	TAT Requested (days):			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 I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA Z other (specify)
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #:			
Email	WO #:			Other:
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)	Perform MS/MSD (Yes or No)	Field Filtered Sample (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Special Instructions/Note:
MW070-W-220221 (880-11511-10)	2/21/22	10:18 Central		Water			X	X	
MW063-W-220221 (880-11511-11)	2/21/22	10:35 Central		Water			X	X	
MW031-W-220221 (880-11511-12)	2/21/22	11:09 Central		Water			X	X	
MW069-W-220221 (880-11511-13)	2/21/22	11:35 Central		Water			X	X	
MW0535A-W-220221 (880-11511-14)	2/21/22	12:49 Central		Water			X	X	
DUP06-W-220221 (880-11511-15)	2/21/22	Central		Water			X	X	
MW004A-W-220221 (880-11511-16)	2/21/22	09:20 Central		Water			X	X	
IW024-W-220221 (880-11511-17)	2/21/22	09:41 Central		Water			X	X	
MW0905A-W-220221 (880-11511 18)	2/21/22	10:03 Central		Water			X	X	

Temp: 2.5 IR ID:HOU-223
C/F: -0 1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: 2/25/2022 10:46	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

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3861 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 3 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW0895A-W-220221 (880-11511 19)	2/21/22	10:22 Central		Water			X	X	2	
MW047-W-220221 (880-11511-20)	2/21/22	10:52 Central		Water			X	X	2	
DUP07-W-220221 (880-11511-21)	2/21/22	Central		Water			X	X	2	
MW007A-W-220221 (880-11511-22)	2/21/22	11 17 Central		Water			X	X	2	
MW097P-W-220221 (880-11511-23)	2/21/22	11 34 Central		Water			X	X	2	
MW008M-W-220221 (880-11511-24)	2/21/22	12.30 Central		Water			X	X	2	
MW0874A-W-220221 (880-11511-25)	2/21/22	12:48 Central		Water			X	X	2	
MW011A-W-220221 (880-11511-26)	2/21/22	13:22 Central		Water			X	X	2	
MW002A-W-220221 (880-11511-27)	2/21/22	13:45 Central		Water			X	X	2	

Temp: 2.3 IR ID:HOU-223
C/F:-0.1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon out 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 complicance 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: 2/25/2022 10:46	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:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3861.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: New Mexico	Page: Page 4 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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, 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)	Preservation Code:	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Special Instructions/Note:
DUP08-W-220221 (880-11511-28)	2/21/22	Central		Water		X	X	
MW046A-W-220221 (880-11511-29)	2/21/22	14:38 Central		Water		X	X	
MW0045-W-220221 (880-11511-30)	2/21/22	15:05 Central		Water		X	X	

Temp. 2.3 IR ID:HOU-223
C/F -0.1
Corrected Temp: 2 2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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:	Date/Time:	Company
	Relinquished by: FedEx	Date/Time:	Company	Received by: FedEx	Date/Time: 2/25/2022 10:46	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:

Ver. 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc Job Number: 880-11511-1

Login Number: 11511 **List Source: Eurofins Midland**
List Number: 1
Creator: Teel, Brianna

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: 880-11511-1

Login Number: 11511
List Number: 3
Creator: Aparicio, Niria

List Source: Eurofins El Paso
List Creation: 02/23/22 04:24 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").	N/A	

Login Sample Receipt Checklist

Client: ARCADIS U.S. Inc

Job Number: 880-11511-1

Login Number: 11511
List Number: 2
Creator: Palmar, Pedro

List Source: Eurofins Houston
List Creation: 02/23/22 02:30 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 America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-20233-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project - N Eunice

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
10/20/2022 5:03:41 PM

John Builes, Project Manager
(561)558-4549
John.Builes@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-20233-1
SDG: 30109021

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Released to Imaging: 4/10/2023 11:55:37 AM

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20233-1
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.
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 U.S., Inc.
Project/Site: Eunice Project - N Eunice

Job ID: 880-20233-1
SDG: 30109021

Job ID: 880-20233-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-20233-1

Receipt
The samples were received on 10/11/2022 4:07 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 5.8°C

HPLC/IC
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: MW100-W-101122 (880-20233-1). 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.

Released to Imaging: 4/10/2023 11:55:37 AM

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20233-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW100-W-101122 Lab Sample ID: 880-20233-1

Date Collected: 10/11/22 08:20 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	843		5.00	2.00	mg/L			10/14/22 05:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00735		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:00	1
Chromium	0.00134	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:00	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:00	1
Manganese	0.610		0.0200	0.00224	mg/L		10/14/22 07:48	10/17/22 21:03	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2570		20.0	20.0	mg/L			10/13/22 15:31	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			10/12/22 07:45	1

Client Sample ID: MW086SA-W-101122 Lab Sample ID: 880-20233-2

Date Collected: 10/11/22 08:46 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	907		5.00	2.00	mg/L			10/14/22 05:31	10

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		10/14/22 07:48	10/17/22 21:12	1
Chromium	0.0376		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:12	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2930		20.0	20.0	mg/L			10/13/22 15:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0310		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW075SA-W-101122 Lab Sample ID: 880-20233-3

Date Collected: 10/11/22 09:11 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	556		5.00	2.00	mg/L			10/14/22 05:43	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:15	1
Chromium	0.0181		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:15	1

Client Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Client Sample ID: MW075SA-W-101122

Lab Sample ID: 880-20233-3
Matrix: Water
Date Collected: 10/11/22 09:11
Date Received: 10/11/22 16:07

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		10/14/22 07:48	10/17/22 21:15	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1900		20.0	20.0	mg/L			10/13/22 15:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0111		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW084SA-W-101122

Lab Sample ID: 880-20233-4
Matrix: Water
Date Collected: 10/11/22 09:30
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		5.00	2.00	mg/L			10/14/22 05:55	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		10/14/22 07:48	10/17/22 21:18	1
Chromium	0.0177		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:18	1
Manganese	0.000926	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:18	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			10/13/22 15:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00917	J	0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW085SA-W-101122

Lab Sample ID: 880-20233-5
Matrix: Water
Date Collected: 10/11/22 09:51
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.00	mg/L			10/14/22 06:07	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		10/14/22 07:48	10/17/22 21:20	1
Chromium	0.0323		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:20	1
Manganese	0.0792		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3950		40.0	40.0	mg/L			10/13/22 15:31	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20233-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW085SA-W-101122 Lab Sample ID: 880-20233-5

Date Collected: 10/11/22 09:51 **Matrix: Water**
Date Received: 10/11/22 16:07

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0135		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW073SA-W-101122 Lab Sample ID: 880-20233-6

Date Collected: 10/11/22 10:19 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		0.500	0.200	mg/L			10/14/22 02:15	1

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		10/14/22 07:48	10/17/22 21:23	1
Chromium	0.00150	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:23	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:23	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:23	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			10/13/22 15:31	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			10/12/22 07:45	1

Client Sample ID: MW056SA-W-101122 Lab Sample ID: 880-20233-7

Date Collected: 10/11/22 10:43 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	846		5.00	2.00	mg/L			10/14/22 06:19	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		10/14/22 07:48	10/17/22 21:26	1
Chromium	0.325		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:26	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:26	1
Manganese	0.0134		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3490		40.0	40.0	mg/L			10/18/22 14:39	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.284		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Client Sample ID: MW057SA-W-101122

Lab Sample ID: 880-20233-8
Matrix: Water
Date Collected: 10/11/22 11:13
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		0.500	0.200	mg/L			10/14/22 04:17	1

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		10/14/22 07:48	10/17/22 21:29	1
Chromium	0.00945		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:29	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:29	1
Manganese	0.000314	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1380		10.0	10.0	mg/L			10/14/22 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			10/12/22 10:00	1

QC Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-73120/3
Matrix: Water
Analysis Batch: 73120

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			10/13/22 15:21	1

Lab Sample ID: MB 860-73120/42
Matrix: Water
Analysis Batch: 73120

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			10/14/22 00:25	1

Lab Sample ID: LCS 860-73120/43
Matrix: Water
Analysis Batch: 73120

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	10.03		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-73120/44
Matrix: Water
Analysis Batch: 73120

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	10.02		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-73120/7
Matrix: Water
Analysis Batch: 73120

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	0.5039		mg/L		101	50 - 150

Lab Sample ID: 880-20233-8 MS
Matrix: Water
Analysis Batch: 73120

Client Sample ID: MW057SA-W-101122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	229		10.0	236.6	4	mg/L		72	90 - 110

Method: 300.0 - Anions, Ion Chromatography - DL

Lab Sample ID: 880-20233-8 MSD
Matrix: Water
Analysis Batch: 73120

Client Sample ID: MW057SA-W-101122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride - DL	229		10.0	236.8	4	mg/L		73	90 - 110	0	20

QC Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-73191/1-A
Matrix: Water
Analysis Batch: 73694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		10/14/22 07:47	10/17/22 20:39	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/14/22 07:47	10/17/22 20:39	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:47	10/17/22 20:39	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:47	10/17/22 20:39	1

Lab Sample ID: LCS 860-73191/2-A
Matrix: Water
Analysis Batch: 73694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.1006		mg/L		101	80 - 120		
Chromium			0.100	0.1039		mg/L		104	80 - 120		
Iron			0.500	0.5236		mg/L		105	80 - 120		
Manganese			0.100	0.1037		mg/L		104	80 - 120		

Lab Sample ID: LCSD 860-73191/3-A
Matrix: Water
Analysis Batch: 73694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.1020		mg/L		102	80 - 120	1	20
Chromium			0.100	0.09932		mg/L		99	80 - 120	4	20
Iron			0.500	0.4996		mg/L		100	80 - 120	5	20
Manganese			0.100	0.1001		mg/L		100	80 - 120	3	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-36702/3
Matrix: Water
Analysis Batch: 36702

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			10/12/22 07:45	1

Lab Sample ID: LCS 880-36702/4
Matrix: Water
Analysis Batch: 36702

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	0.03581		mg/L		90	85 - 115		

Lab Sample ID: LCSD 880-36702/5
Matrix: Water
Analysis Batch: 36702

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	0.03581		mg/L		90	85 - 115	0	20

QC Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: MB 880-36703/3
Matrix: Water
Analysis Batch: 36703

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			10/12/22 10:00	1

Lab Sample ID: LCS 880-36703/4
Matrix: Water
Analysis Batch: 36703

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	0.03532		mg/L		88	85 - 115

Lab Sample ID: LCSD 880-36703/5
Matrix: Water
Analysis Batch: 36703

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	0.03532		mg/L		88	85 - 115	0	20

Lab Sample ID: 880-20233-1 MS
Matrix: Water
Analysis Batch: 36702

Client Sample ID: MW100-W-101122
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	0.2039		mg/L		102	85 - 115

Lab Sample ID: 880-20233-1 MSD
Matrix: Water
Analysis Batch: 36702

Client Sample ID: MW100-W-101122
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	0.2039		mg/L		102	85 - 115	0	20

Lab Sample ID: 880-20233-8 MS
Matrix: Water
Analysis Batch: 36703

Client Sample ID: MW057SA-W-101122
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	0.2005		mg/L		100	85 - 115

Lab Sample ID: 880-20233-8 MSD
Matrix: Water
Analysis Batch: 36703

Client Sample ID: MW057SA-W-101122
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	0.2005		mg/L		100	85 - 115	0	20

QC Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-73134/1
Matrix: Water
Analysis Batch: 73134

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			10/13/22 15:31	1

Lab Sample ID: LCS 860-73134/2
Matrix: Water
Analysis Batch: 73134

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	1015		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-73134/3
Matrix: Water
Analysis Batch: 73134

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	1018		mg/L		102	80 - 120	0	10

Lab Sample ID: MB 860-73298/1
Matrix: Water
Analysis Batch: 73298

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			10/14/22 15:00	1

Lab Sample ID: LCS 860-73298/2
Matrix: Water
Analysis Batch: 73298

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	981.0		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-73298/3
Matrix: Water
Analysis Batch: 73298

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	1015		mg/L		102	80 - 120	3	10

Lab Sample ID: LLCS 860-73298/4
Matrix: Water
Analysis Batch: 73298

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	6.500		mg/L		130	50 - 150

Lab Sample ID: MB 860-73711/1
Matrix: Water
Analysis Batch: 73711

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			10/18/22 14:39	1

QC Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: LCS 860-73711/2
Matrix: Water
Analysis Batch: 73711

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	989.0		mg/L		99	80 - 120		

Lab Sample ID: LCSD 860-73711/3
Matrix: Water
Analysis Batch: 73711

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	984.0		mg/L		98	80 - 120	1	10

Lab Sample ID: 880-20233-7 DU
Matrix: Water
Analysis Batch: 73711

Client Sample ID: MW056SA-W-101122
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3490			3564		mg/L				2	10

QC Association Summary

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

Job ID: 880-20233-1
SDG: 30109021

HPLC/IC

Analysis Batch: 73120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-1	MW100-W-101122	Total/NA	Water	300.0	
880-20233-2	MW086SA-W-101122	Total/NA	Water	300.0	
880-20233-3	MW075SA-W-101122	Total/NA	Water	300.0	
880-20233-4	MW084SA-W-101122	Total/NA	Water	300.0	
880-20233-5	MW085SA-W-101122	Total/NA	Water	300.0	
880-20233-6	MW073SA-W-101122	Total/NA	Water	300.0	
880-20233-7	MW056SA-W-101122	Total/NA	Water	300.0	
880-20233-8	MW057SA-W-101122	Total/NA	Water	300.0	
MB 860-73120/3	Method Blank	Total/NA	Water	300.0	
MB 860-73120/42	Method Blank	Total/NA	Water	300.0	
LCS 860-73120/43	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73120/44	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73120/7	Lab Control Sample	Total/NA	Water	300.0	
880-20233-8 MS	MW057SA-W-101122	Total/NA	Water	300.0	
880-20233-8 MSD - DL	MW057SA-W-101122	Total/NA	Water	300.0	

Metals

Prep Batch: 73191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-1	MW100-W-101122	Dissolved	Water	3010A	
880-20233-2	MW086SA-W-101122	Dissolved	Water	3010A	
880-20233-3	MW075SA-W-101122	Dissolved	Water	3010A	
880-20233-4	MW084SA-W-101122	Dissolved	Water	3010A	
880-20233-5	MW085SA-W-101122	Dissolved	Water	3010A	
880-20233-6	MW073SA-W-101122	Dissolved	Water	3010A	
880-20233-7	MW056SA-W-101122	Dissolved	Water	3010A	
880-20233-8	MW057SA-W-101122	Dissolved	Water	3010A	
MB 860-73191/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-73191/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-73191/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 73694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-1	MW100-W-101122	Dissolved	Water	6020A	73191
880-20233-1	MW100-W-101122	Dissolved	Water	6020A	73191
880-20233-2	MW086SA-W-101122	Dissolved	Water	6020A	73191
880-20233-3	MW075SA-W-101122	Dissolved	Water	6020A	73191
880-20233-4	MW084SA-W-101122	Dissolved	Water	6020A	73191
880-20233-5	MW085SA-W-101122	Dissolved	Water	6020A	73191
880-20233-6	MW073SA-W-101122	Dissolved	Water	6020A	73191
880-20233-7	MW056SA-W-101122	Dissolved	Water	6020A	73191
880-20233-8	MW057SA-W-101122	Dissolved	Water	6020A	73191
MB 860-73191/1-A	Method Blank	Total/NA	Water	6020A	73191
LCS 860-73191/2-A	Lab Control Sample	Total/NA	Water	6020A	73191
LCSD 860-73191/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	73191

General Chemistry

Analysis Batch: 36702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-1	MW100-W-101122	Dissolved	Water	7196A	

QC Association Summary

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

Job ID: 880-20233-1
SDG: 30109021

General Chemistry (Continued)

Analysis Batch: 36702 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-2	MW086SA-W-101122	Dissolved	Water	7196A	
880-20233-3	MW075SA-W-101122	Dissolved	Water	7196A	
880-20233-4	MW084SA-W-101122	Dissolved	Water	7196A	
880-20233-5	MW085SA-W-101122	Dissolved	Water	7196A	
880-20233-6	MW073SA-W-101122	Dissolved	Water	7196A	
880-20233-7	MW056SA-W-101122	Dissolved	Water	7196A	
MB 880-36702/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36702/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36702/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-20233-1 MS	MW100-W-101122	Dissolved	Water	7196A	
880-20233-1 MSD	MW100-W-101122	Dissolved	Water	7196A	

Analysis Batch: 36703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-8	MW057SA-W-101122	Dissolved	Water	7196A	
MB 880-36703/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36703/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36703/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-20233-8 MS	MW057SA-W-101122	Dissolved	Water	7196A	
880-20233-8 MSD	MW057SA-W-101122	Dissolved	Water	7196A	

Analysis Batch: 73134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-1	MW100-W-101122	Total/NA	Water	SM 2540C	
880-20233-2	MW086SA-W-101122	Total/NA	Water	SM 2540C	
880-20233-3	MW075SA-W-101122	Total/NA	Water	SM 2540C	
880-20233-4	MW084SA-W-101122	Total/NA	Water	SM 2540C	
880-20233-5	MW085SA-W-101122	Total/NA	Water	SM 2540C	
880-20233-6	MW073SA-W-101122	Total/NA	Water	SM 2540C	
MB 860-73134/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73134/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73134/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 73298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-8	MW057SA-W-101122	Total/NA	Water	SM 2540C	
MB 860-73298/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73298/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73298/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-73298/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 73711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20233-7	MW056SA-W-101122	Total/NA	Water	SM 2540C	
MB 860-73711/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73711/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73711/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
880-20233-7 DU	MW056SA-W-101122	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 880-20233-1
SDG: 30109021

Client Sample ID: MW100-W-101122

Lab Sample ID: 880-20233-1
Date Collected: 10/11/22 08:20
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 05:18	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:00	SHZ	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		10			73694	10/17/22 21:03	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73134	10/13/22 15:31	BSR	EET HOU

Client Sample ID: MW086SA-W-101122

Lab Sample ID: 880-20233-2
Date Collected: 10/11/22 08:46
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 05:31	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:12	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73134	10/13/22 15:31	BSR	EET HOU

Client Sample ID: MW075SA-W-101122

Lab Sample ID: 880-20233-3
Date Collected: 10/11/22 09:11
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 05:43	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:15	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73134	10/13/22 15:31	BSR	EET HOU

Client Sample ID: MW084SA-W-101122

Lab Sample ID: 880-20233-4
Date Collected: 10/11/22 09:30
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 05:55	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:18	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73134	10/13/22 15:31	BSR	EET HOU

Lab Chronicle

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

Job ID: 880-20233-1
SDG: 30109021

Client Sample ID: MW085SA-W-101122

Lab Sample ID: 880-20233-5
Matrix: Water
Date Collected: 10/11/22 09:51
Date Received: 10/11/22 16:07

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			73120	10/14/22 06:07	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:20	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73134	10/13/22 15:31	BSR	EET HOU

Client Sample ID: MW073SA-W-101122

Lab Sample ID: 880-20233-6
Matrix: Water
Date Collected: 10/11/22 10:19
Date Received: 10/11/22 16:07

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			73120	10/14/22 02:15	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:23	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	73134	10/13/22 15:31	BSR	EET HOU

Client Sample ID: MW056SA-W-101122

Lab Sample ID: 880-20233-7
Matrix: Water
Date Collected: 10/11/22 10:43
Date Received: 10/11/22 16:07

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			73120	10/14/22 06:19	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:26	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73711	10/18/22 14:39	BSR	EET HOU

Client Sample ID: MW057SA-W-101122

Lab Sample ID: 880-20233-8
Matrix: Water
Date Collected: 10/11/22 11:13
Date Received: 10/11/22 16:07

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			73120	10/14/22 04:17	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:29	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36703	10/12/22 10:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	73298	10/14/22 15:00	BSR	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: 880-20233-1
SDG: 30109021

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

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

Job ID: 880-20233-1
SDG: 30109021

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	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:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: 880-20233-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20233-1	MW100-W-101122	Water	10/11/22 08:20	10/11/22 16:07
880-20233-2	MW086SA-W-101122	Water	10/11/22 08:46	10/11/22 16:07
880-20233-3	MW075SA-W-101122	Water	10/11/22 09:11	10/11/22 16:07
880-20233-4	MW084SA-W-101122	Water	10/11/22 09:30	10/11/22 16:07
880-20233-5	MW085SA-W-101122	Water	10/11/22 09:51	10/11/22 16:07
880-20233-6	MW073SA-W-101122	Water	10/11/22 10:19	10/11/22 16:07
880-20233-7	MW056SA-W-101122	Water	10/11/22 10:43	10/11/22 16:07
880-20233-8	MW057SA-W-101122	Water	10/11/22 11:13	10/11/22 16:07

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 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) www.xenco.com

Work Order No: 20233

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 [X] Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables. EDD [X] ADaPT ☐ Other:

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

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	5.6/5.8	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals.	Yes No N/A	Correction Factor:	-.20
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) Arsenic, Manganese, Iron & Chromium *	TDS (SM2540C)	Chlorides (EPA 300.0)
MW100-W 101122	W	10/11/22	0820		2			X	X	X	X
MW085SA-W-101122	W	10/11/22	0845		2			X	X	X	X
MW075SA-W-101122	W	10/11/22	0911		2			X	X	X	X
MW085SA-W-101122	W	10/11/22	0930		2			X	X	X	X
MW085SA W-101122	W	10/11/22	0951		2			X	X	X	X
MW073SA W-101122	W	10/11/22	1019		2			X	X	X	X
MW056SA-W-101122	W	10/11/22	1043		2			X	X	X	X
MW057SA-W-101122	W	10/11/22	1113		2			X	X	X	X

880-20233 Chain of Custody

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

Work Order Notes

Sample Comments

* Field Filtered *
* Field filtered *

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
Jerry S. Longwell		10/11/22 1345	2		10/11/22 1607
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-5457 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 #: 880-20233-1
Address: 4145 Greenbriar Dr	Due Date Requested: 10/17/2022			
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:								
MW100-W-101122 (880-20233-1)	10/11/22	08:20 Mountain		Water			X	X	X	2	
MW086SA-W-101122 (880-20233-2)	10/11/22	08:46 Mountain		Water			X	X	X	2	
MW075SA-W-101122 (880-20233-3)	10/11/22	09:11 Mountain		Water			X	X	X	2	
MW084SA-W-101122 (880-20233-4)	10/11/22	09:30 Mountain		Water			X	X	X	2	
MW085SA-W-101122 (880-20233-5)	10/11/22	09:51 Mountain		Water			X	X	X	2	
MW073SA-W-101122 (880-20233-6)	10/11/22	10:19 Mountain		Water			X	X	X	2	
MW056SA-W-101122 (880-20233-7)	10/11/22	10:43 Mountain		Water			X	X	X	2	
MW057SA-W-101122 (880-20233-8)	10/11/22	11 13 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 out 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 complicance 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: Pedro Palmon	Date/Time: 10/13/2022 9:58	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temp:	Temp: 12 IR ID:HOU-344 C/F +1.2 Corrected Temp: 24

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-20233-1
SDG Number: 30109021

Login Number: 20233
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: 880-20233-1
SDG Number: 30109021

Login Number: 20233
List Number: 2
Creator: Palmar, Pedro

List Source: Eurofins Houston
List Creation: 10/13/22 11:55 AM

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 America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-20236-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project - N Eunice

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
10/24/2022 9:10:55 PM

John Builes, Project Manager
(561)558-4549
John.Builes@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-20236-1
SDG: 30109021

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20236-1
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.
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.
Project/Site: Eunice Project - N Eunice

Job ID: 880-20236-1
SDG: 30109021

Job ID: 880-20236-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-20236-1

Receipt
The samples were received on 10/11/2022 4:07 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 5.8°C

HPLC/IC
Method 300_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-068-W-221011 (880-20236-4) and MW-069-W-221011 (880-20236-6). 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-068-W-221011 (880-20236-4). Elevated reporting limits (RLs) are provided.

Method 6020A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-095-W-221011 (880-20236-5) and MW-023-W-221011 (880-20236-7). 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: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-061-W-221011 (880-20236-3). Elevated reporting limits (RLs) are provided.

Method 7196A: The following samples were diluted to bring the concentration of target analytes within the calibration range: MW-095-W-221011 (880-20236-5) and MW-023-W-221011 (880-20236-7). 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.

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20236-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-011A-W-221011 Lab Sample ID: 880-20236-1

Date Collected: 10/11/22 09:20 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		0.500	0.200	mg/L			10/14/22 01:39	1

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		10/14/22 07:48	10/17/22 21:53	1
Chromium	0.0286		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:53	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:53	1
Manganese	0.00131	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1430		10.0	10.0	mg/L			10/14/22 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0193		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW-032-W-221011 Lab Sample ID: 880-20236-2

Date Collected: 10/11/22 09:50 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		5.00	2.00	mg/L			10/14/22 02:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00354	J	0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:56	1
Chromium	0.00220	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:56	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:56	1
Manganese	0.000293	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1770		20.0	20.0	mg/L			10/14/22 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			10/12/22 07:45	1

Client Sample ID: MW-061-W-221011 Lab Sample ID: 880-20236-3

Date Collected: 10/11/22 10:10 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	945		5.00	2.00	mg/L			10/14/22 03:04	10

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		10/14/22 07:36	10/14/22 17:51	1
Chromium	0.982		0.00400	0.000560	mg/L		10/14/22 07:36	10/14/22 17:51	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20236-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-061-W-221011 Lab Sample ID: 880-20236-3

Date Collected: 10/11/22 10:10 **Matrix: Water**
Date Received: 10/11/22 16:07

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		10/14/22 07:36	10/14/22 17:51	1
Manganese	**0.0235**		0.00200	0.000224	mg/L		10/14/22 07:36	10/14/22 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4430**		40.0	40.0	mg/L			10/14/22 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.835**		0.0500	0.0135	mg/L			10/12/22 07:45	5

Client Sample ID: MW-068-W-221011 Lab Sample ID: 880-20236-4

Date Collected: 10/11/22 10:45 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7660**		500	200	mg/L			10/20/22 06:01	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0161**		0.00400	0.000290	mg/L		10/14/22 07:36	10/14/22 17:54	1
Chromium	**0.00119**	**J**	0.00400	0.000560	mg/L		10/14/22 07:36	10/14/22 17:54	1
Iron	**0.149**		0.100	0.0283	mg/L		10/14/22 07:36	10/14/22 17:54	1
Manganese	**2.55**		0.100	0.0112	mg/L		10/14/22 07:36	10/14/22 21:26	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**14400**		100	100	mg/L			10/14/22 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			10/12/22 10:00	1

Client Sample ID: MW-095-W-221011 Lab Sample ID: 880-20236-5

Date Collected: 10/11/22 11:15 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1140**		5.00	2.00	mg/L			10/14/22 03:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00943**		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:32	1
Chromium	**4.06**		0.400	0.0560	mg/L		10/14/22 07:48	10/17/22 21:35	100
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:32	1
Manganese	**0.154**		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:32	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			10/14/22 15:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20236-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-095-W-221011 Lab Sample ID: 880-20236-5

Date Collected: 10/11/22 11:15 **Matrix: Water**
Date Received: 10/11/22 16:07

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.23		0.200	0.0540	mg/L			10/12/22 10:00	20

Client Sample ID: MW-069-W-221011 Lab Sample ID: 880-20236-6

Date Collected: 10/11/22 12:00 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8330		500	200	mg/L			10/20/22 06:13	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00697		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:44	1
Chromium	0.00102	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:44	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:44	1
Manganese	0.185		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	17000		100	100	mg/L			10/14/22 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			10/12/22 10:00	1

Client Sample ID: MW-023-W-221011 Lab Sample ID: 880-20236-7

Date Collected: 10/11/22 12:30 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	731		5.00	2.00	mg/L			10/14/22 03:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00876		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:47	1
Chromium	4.03		0.400	0.0560	mg/L		10/14/22 07:48	10/17/22 22:10	100
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:47	1
Manganese	0.000260	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3850		40.0	40.0	mg/L			10/14/22 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.36		0.200	0.0540	mg/L			10/12/22 10:00	20

Client Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Client Sample ID: MW-070-W-221011
Date Collected: 10/11/22 13:00
Date Received: 10/11/22 16:07

Lab Sample ID: 880-20236-8
Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		5.00	2.00	mg/L			10/14/22 04:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:50	1
Chromium	0.00123	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:50	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:50	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1420		10.0	10.0	mg/L			10/14/22 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			10/12/22 10:00	1

QC Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-73120/3
Matrix: Water
Analysis Batch: 73120

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			10/13/22 15:21	1

Lab Sample ID: MB 860-73120/42
Matrix: Water
Analysis Batch: 73120

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			10/14/22 00:25	1

Lab Sample ID: LCS 860-73120/43
Matrix: Water
Analysis Batch: 73120

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	10.03		mg/L		100	90 - 110

Lab Sample ID: LCSD 860-73120/44
Matrix: Water
Analysis Batch: 73120

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	10.02		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-73120/7
Matrix: Water
Analysis Batch: 73120

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	0.5039		mg/L		101	50 - 150

Lab Sample ID: 880-20236-1 MS
Matrix: Water
Analysis Batch: 73120

Client Sample ID: MW-011A-W-221011
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	317		10.0	323.6	4	mg/L		71	90 - 110

Lab Sample ID: 880-20236-1 MSD
Matrix: Water
Analysis Batch: 73120

Client Sample ID: MW-011A-W-221011
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	317		10.0	324.3	4	mg/L		77	90 - 110	0	20

Lab Sample ID: MB 860-73378/3
Matrix: Water
Analysis Batch: 73378

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			10/15/22 13:32	1

QC Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 860-73378/4
Matrix: Water
Analysis Batch: 73378

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

Lab Sample ID: LCSD 860-73378/5
Matrix: Water
Analysis Batch: 73378

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	10.07		mg/L		101	90 - 110	0	20

Lab Sample ID: LLCS 860-73378/7
Matrix: Water
Analysis Batch: 73378

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	0.4866	J	mg/L		97	50 - 150

Lab Sample ID: MB 860-73945/3
Matrix: Water
Analysis Batch: 73945

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			10/19/22 13:06	1

Lab Sample ID: MB 860-73945/44
Matrix: Water
Analysis Batch: 73945

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			10/20/22 04:48	1

Lab Sample ID: LCS 860-73945/4
Matrix: Water
Analysis Batch: 73945

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	9.742		mg/L		97	90 - 110

Lab Sample ID: LCS 860-73945/45
Matrix: Water
Analysis Batch: 73945

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	9.530		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-73945/46
Matrix: Water
Analysis Batch: 73945

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	9.467		mg/L		95	90 - 110	1	20

QC Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 860-73945/5
Matrix: Water
Analysis Batch: 73945

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	9.719		mg/L		97	90 - 110	0	20

Lab Sample ID: LLCS 860-73945/7
Matrix: Water
Analysis Batch: 73945

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	0.4632	J	mg/L		93	50 - 150		

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-73188/1-A
Matrix: Water
Analysis Batch: 73358

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73188

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		10/14/22 07:36	10/14/22 16:59	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/14/22 07:36	10/14/22 16:59	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:36	10/14/22 16:59	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:36	10/14/22 16:59	1

Lab Sample ID: LCS 860-73188/2-A
Matrix: Water
Analysis Batch: 73358

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73188

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.1001		mg/L		100	80 - 120		
Chromium			0.100	0.1015		mg/L		101	80 - 120		
Iron			0.500	0.5044		mg/L		101	80 - 120		
Manganese			0.100	0.1013		mg/L		101	80 - 120		

Lab Sample ID: LCSD 860-73188/3-A
Matrix: Water
Analysis Batch: 73358

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73188

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09953		mg/L		100	80 - 120	1	20
Chromium			0.100	0.1007		mg/L		101	80 - 120	1	20
Iron			0.500	0.4991		mg/L		100	80 - 120	1	20
Manganese			0.100	0.1015		mg/L		102	80 - 120	0	20

Lab Sample ID: MB 860-73191/1-A
Matrix: Water
Analysis Batch: 73694

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73191

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		10/14/22 07:47	10/17/22 20:39	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/14/22 07:47	10/17/22 20:39	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:47	10/17/22 20:39	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:47	10/17/22 20:39	1

QC Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: LCS 860-73191/2-A
Matrix: Water
Analysis Batch: 73694

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.1006		mg/L		101	80 - 120		
Chromium			0.100	0.1039		mg/L		104	80 - 120		
Iron			0.500	0.5236		mg/L		105	80 - 120		
Manganese			0.100	0.1037		mg/L		104	80 - 120		

Lab Sample ID: LCSD 860-73191/3-A
Matrix: Water
Analysis Batch: 73694

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.1020		mg/L		102	80 - 120	1	20
Chromium			0.100	0.09932		mg/L		99	80 - 120	4	20
Iron			0.500	0.4996		mg/L		100	80 - 120	5	20
Manganese			0.100	0.1001		mg/L		100	80 - 120	3	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-36702/3
Matrix: Water
Analysis Batch: 36702

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			10/12/22 07:45	1

Lab Sample ID: LCS 880-36702/4
Matrix: Water
Analysis Batch: 36702

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	0.03581		mg/L		90	85 - 115		

Lab Sample ID: LCSD 880-36702/5
Matrix: Water
Analysis Batch: 36702

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	0.03581		mg/L		90	85 - 115	0	20

Lab Sample ID: MB 880-36703/3
Matrix: Water
Analysis Batch: 36703

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			10/12/22 10:00	1

QC Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 880-36703/4
Matrix: Water
Analysis Batch: 36703

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	0.03532		mg/L		88	85 - 115		

Lab Sample ID: LCSD 880-36703/5
Matrix: Water
Analysis Batch: 36703

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	0.03532		mg/L		88	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-73298/1
Matrix: Water
Analysis Batch: 73298

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			10/14/22 15:00	1

Lab Sample ID: LCS 860-73298/2
Matrix: Water
Analysis Batch: 73298

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	981.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-73298/3
Matrix: Water
Analysis Batch: 73298

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	1015		mg/L		102	80 - 120	3	10

Lab Sample ID: LLCS 860-73298/4
Matrix: Water
Analysis Batch: 73298

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	6.500		mg/L		130	50 - 150		

QC Association Summary

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

Job ID: 880-20236-1
SDG: 30109021

HPLC/IC

Analysis Batch: 73120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-1	MW-011A-W-221011	Total/NA	Water	300.0	
880-20236-2	MW-032-W-221011	Total/NA	Water	300.0	
880-20236-3	MW-061-W-221011	Total/NA	Water	300.0	
880-20236-5	MW-095-W-221011	Total/NA	Water	300.0	
880-20236-7	MW-023-W-221011	Total/NA	Water	300.0	
880-20236-8	MW-070-W-221011	Total/NA	Water	300.0	
MB 860-73120/3	Method Blank	Total/NA	Water	300.0	
MB 860-73120/42	Method Blank	Total/NA	Water	300.0	
LCS 860-73120/43	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73120/44	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73120/7	Lab Control Sample	Total/NA	Water	300.0	
880-20236-1 MS	MW-011A-W-221011	Total/NA	Water	300.0	
880-20236-1 MSD	MW-011A-W-221011	Total/NA	Water	300.0	

Analysis Batch: 73378

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-73378/3	Method Blank	Total/NA	Water	300.0	
LCS 860-73378/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73378/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73378/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 73945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-4 - DL	MW-068-W-221011	Total/NA	Water	300.0	
880-20236-6 - DL	MW-069-W-221011	Total/NA	Water	300.0	
MB 860-73945/3	Method Blank	Total/NA	Water	300.0	
MB 860-73945/44	Method Blank	Total/NA	Water	300.0	
LCS 860-73945/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-73945/45	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73945/46	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-73945/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73945/7	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 73188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-3	MW-061-W-221011	Dissolved	Water	3010A	
880-20236-4	MW-068-W-221011	Dissolved	Water	3010A	
MB 860-73188/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-73188/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-73188/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 73191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-1	MW-011A-W-221011	Dissolved	Water	3010A	
880-20236-2	MW-032-W-221011	Dissolved	Water	3010A	
880-20236-5	MW-095-W-221011	Dissolved	Water	3010A	
880-20236-6	MW-069-W-221011	Dissolved	Water	3010A	
880-20236-7	MW-023-W-221011	Dissolved	Water	3010A	
880-20236-8	MW-070-W-221011	Dissolved	Water	3010A	

QC Association Summary

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

Job ID: 880-20236-1
SDG: 30109021

Metals (Continued)

Prep Batch: 73191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-73191/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-73191/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-73191/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 73358

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-3	MW-061-W-221011	Dissolved	Water	6020A	73188
880-20236-4	MW-068-W-221011	Dissolved	Water	6020A	73188
MB 860-73188/1-A	Method Blank	Total/NA	Water	6020A	73188
LCS 860-73188/2-A	Lab Control Sample	Total/NA	Water	6020A	73188
LCSD 860-73188/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	73188

Analysis Batch: 73518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-4	MW-068-W-221011	Dissolved	Water	6020A	73188

Analysis Batch: 73694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-1	MW-011A-W-221011	Dissolved	Water	6020A	73191
880-20236-2	MW-032-W-221011	Dissolved	Water	6020A	73191
880-20236-5	MW-095-W-221011	Dissolved	Water	6020A	73191
880-20236-5	MW-095-W-221011	Dissolved	Water	6020A	73191
880-20236-6	MW-069-W-221011	Dissolved	Water	6020A	73191
880-20236-7	MW-023-W-221011	Dissolved	Water	6020A	73191
880-20236-7	MW-023-W-221011	Dissolved	Water	6020A	73191
880-20236-8	MW-070-W-221011	Dissolved	Water	6020A	73191
MB 860-73191/1-A	Method Blank	Total/NA	Water	6020A	73191
LCS 860-73191/2-A	Lab Control Sample	Total/NA	Water	6020A	73191
LCSD 860-73191/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	73191

General Chemistry

Analysis Batch: 36702

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-1	MW-011A-W-221011	Dissolved	Water	7196A	
880-20236-2	MW-032-W-221011	Dissolved	Water	7196A	
880-20236-3	MW-061-W-221011	Dissolved	Water	7196A	
MB 880-36702/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36702/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36702/5	Lab Control Sample Dup	Total/NA	Water	7196A	

Analysis Batch: 36703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-4	MW-068-W-221011	Dissolved	Water	7196A	
880-20236-5	MW-095-W-221011	Dissolved	Water	7196A	
880-20236-6	MW-069-W-221011	Dissolved	Water	7196A	
880-20236-7	MW-023-W-221011	Dissolved	Water	7196A	
880-20236-8	MW-070-W-221011	Dissolved	Water	7196A	
MB 880-36703/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36703/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36703/5	Lab Control Sample Dup	Total/NA	Water	7196A	

QC Association Summary

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

Job ID: 880-20236-1
SDG: 30109021

General Chemistry

Analysis Batch: 73298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20236-1	MW-011A-W-221011	Total/NA	Water	SM 2540C	
880-20236-2	MW-032-W-221011	Total/NA	Water	SM 2540C	
880-20236-3	MW-061-W-221011	Total/NA	Water	SM 2540C	
880-20236-4	MW-068-W-221011	Total/NA	Water	SM 2540C	
880-20236-5	MW-095-W-221011	Total/NA	Water	SM 2540C	
880-20236-6	MW-069-W-221011	Total/NA	Water	SM 2540C	
880-20236-7	MW-023-W-221011	Total/NA	Water	SM 2540C	
880-20236-8	MW-070-W-221011	Total/NA	Water	SM 2540C	
MB 860-73298/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73298/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73298/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-73298/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 880-20236-1
SDG: 30109021

Client Sample ID: MW-011A-W-221011

Lab Sample ID: 880-20236-1
Matrix: Water
Date Collected: 10/11/22 09:20
Date Received: 10/11/22 16:07

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			73120	10/14/22 01:39	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:53	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Client Sample ID: MW-032-W-221011

Lab Sample ID: 880-20236-2
Matrix: Water
Date Collected: 10/11/22 09:50
Date Received: 10/11/22 16:07

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			73120	10/14/22 02:52	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:56	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Client Sample ID: MW-061-W-221011

Lab Sample ID: 880-20236-3
Matrix: Water
Date Collected: 10/11/22 10:10
Date Received: 10/11/22 16:07

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			73120	10/14/22 03:04	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73188	10/14/22 07:36	AGR	EET HOU
Dissolved	Analysis	6020A		1			73358	10/14/22 17:51	SHZ	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	36702	10/12/22 07:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Client Sample ID: MW-068-W-221011

Lab Sample ID: 880-20236-4
Matrix: Water
Date Collected: 10/11/22 10:45
Date Received: 10/11/22 16:07

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	1000			73945	10/20/22 06:01	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73188	10/14/22 07:36	AGR	EET HOU
Dissolved	Analysis	6020A		1			73358	10/14/22 17:54	SHZ	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73188	10/14/22 07:36	AGR	EET HOU
Dissolved	Analysis	6020A		50			73518	10/14/22 21:26	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36703	10/12/22 10:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Lab Chronicle

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

Job ID: 880-20236-1
SDG: 30109021

Client Sample ID: MW-095-W-221011
Lab Sample ID: 880-20236-5
Date Collected: 10/11/22 11:15
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 03:28	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:32	SHZ	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		100			73694	10/17/22 21:35	SHZ	EET HOU
Dissolved	Analysis	7196A		20	97 mL	100 mL	36703	10/12/22 10:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Client Sample ID: MW-069-W-221011
Lab Sample ID: 880-20236-6
Date Collected: 10/11/22 12:00
Matrix: Water
Date Received: 10/11/22 16:07

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	1000			73945	10/20/22 06:13	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:44	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36703	10/12/22 10:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Client Sample ID: MW-023-W-221011
Lab Sample ID: 880-20236-7
Date Collected: 10/11/22 12:30
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 03:53	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:47	SHZ	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		100			73694	10/17/22 22:10	SHZ	EET HOU
Dissolved	Analysis	7196A		20	97 mL	100 mL	36703	10/12/22 10:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Client Sample ID: MW-070-W-221011
Lab Sample ID: 880-20236-8
Date Collected: 10/11/22 13:00
Matrix: Water
Date Received: 10/11/22 16:07

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			73120	10/14/22 04:05	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73191	10/14/22 07:48	AGR	EET HOU
Dissolved	Analysis	6020A		1			73694	10/17/22 21:50	SHZ	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36703	10/12/22 10:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	73298	10/14/22 15:00	BSR	EET HOU

Lab Chronicle

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

Job ID: 880-20236-1
SDG: 30109021

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: 880-20236-1
SDG: 30109021

Laboratory: Eurofins Midland

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

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

Job ID: 880-20236-1
SDG: 30109021

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	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:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: 880-20236-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20236-1	MW-011A-W-221011	Water	10/11/22 09:20	10/11/22 16:07
880-20236-2	MW-032-W-221011	Water	10/11/22 09:50	10/11/22 16:07
880-20236-3	MW-061-W-221011	Water	10/11/22 10:10	10/11/22 16:07
880-20236-4	MW-068-W-221011	Water	10/11/22 10:45	10/11/22 16:07
880-20236-5	MW-095-W-221011	Water	10/11/22 11:15	10/11/22 16:07
880-20236-6	MW-069-W-221011	Water	10/11/22 12:00	10/11/22 16:07
880-20236-7	MW-023-W-221011	Water	10/11/22 12:30	10/11/22 16:07
880-20236-8	MW-070-W-221011	Water	10/11/22 13:00	10/11/22 16:07

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 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) www.xenco.com

Work Order No: 202336

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	Routine
Project Number:	30109021		Rush
P.O. Number:			
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	5.4 | 5.2	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-.20
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

880-20236 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
MW-011A-W 221011	W	10-11-22	0920	—	2			X	X	X	X	* Field Filtered *
MW-032-W-221011	W		0950	—	2			X	X	X	X	
MW-061-W-221011	W		1010	—	2			X	X	X	X	
MW-068-W-221011	W		1015	—	2	X		X	X	X	X	
MW-095-W-221011	W		1115	—	2	X		X	X	X	X	
MW-069-W 221011	W		1200	—	2	X		X	X	X	X	
MW-073-W 221011	W		1230	—	2	X		X	X	X	X	
MW-070-W-221011	W	10-11-22	1300	—	2	X		X	X	X	X	* Field Filtered
											10-11-22	

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		10-11-22 1600	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-5457 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 #: 880-20236-1
Address: 4145 Greenbriar Dr	Due Date Requested: 10/17/2022			
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#:			

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 (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-011A-W-101122 (880-20236-1)	10/11/22	09:20 Mountain		Water			X	X	X	2	
MW-032-W-101122 (880-20236-2)	10/11/22	09.50 Mountain		Water			X	X	X	2	
MW-061-W-101122 (880-20236-3)	10/11/22	10:10 Mountain		Water			X	X	X	2	
MW-068-W-101122 (880-20236-4)	10/11/22	10:45 Mountain		Water			X	X	X	2	
MW-095-W-101122 (880-20236-5)	10/11/22	11 15 Mountain		Water			X	X	X	2	
MW-069-W-101122 (880-20236-6)	10/11/22	12:00 Mountain		Water			X	X	X	2	
MW-023-W-101122 (880-20236-7)	10/11/22	12:30 Mountain		Water			X	X	X	2	
MW-070-W-101122 (880-20236-8)	10/11/22	13:00 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 out 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: Pedro Palmon	Date/Time: 10/13/2022 9 58	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	Temp: 1.2 IR ID HOU-344 C/F +1 2 Corrected Temp: 2.4

Ver: 06/08/2021

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-20236-1
SDG Number: 30109021

Login Number: 20236
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: 880-20236-1
SDG Number: 30109021

Login Number: 20236
List Number: 2
Creator: Palmar, Pedro

List Source: Eurofins Houston
List Creation: 10/13/22 11:55 AM

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

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-20296-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project - N Eunice

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
10/24/2022 9:09:26 PM

John Builes, Project Manager
(561)558-4549
John.Builes@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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

Laboratory Job ID: 880-20296-1
SDG: 30109021

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Qualifiers

GC 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.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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.
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.
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
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

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Job ID: 880-20296-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-20296-1

Receipt
The samples were received on 10/12/2022 2:51 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 5.9°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 880-37209 and analytical batch 880-37194 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-37209 and analytical batch 880-37194 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples 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-016A-W-221012 (880-20296-2). Elevated reporting limits (RLs) are provided.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries 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 following samples were diluted to bring the concentration of target analytes within the calibration range: MW-015A-W-221012 (880-20296-3), MW-013-W-221012 (880-20296-4), MW-007-W-221012 (880-20296-5), MW-047-W-221012 (880-20296-6), DUP-3-W-221012 (880-20296-7) and MW-046A-W-221012 (880-20296-8). 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
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: The following sample was diluted to bring the concentration of target analytes within the calibration range: MW-046A-W-221012 (880-20296-8). Elevated reporting limits (RLs) are provided.

Method 7196A: Sample DUP-3-W-221012 (880-20296-7) was received without sampling time to establish holding time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Released to Imaging: 4/10/2023 11:55:37 AM

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-018-W-221012 Lab Sample ID: 880-20296-1

Date Collected: 10/12/22 09:15 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		0.500	0.200	mg/L			10/14/22 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0113		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:01	1
Chromium	0.0236		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:01	1
Iron	0.0578	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:01	1
Manganese	0.0198		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1130		10.0	10.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-016A-W-221012 Lab Sample ID: 880-20296-2

Date Collected: 10/12/22 10:10 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	599		5.00	2.00	mg/L			10/14/22 23:14	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		10/17/22 10:23	10/17/22 19:03	1
Chromium	0.0116		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:03	1
Manganese	0.00540		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:03	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			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-015A-W-221012 Lab Sample ID: 880-20296-3

Date Collected: 10/12/22 10:15 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4290		5.00	2.00	mg/L			10/14/22 21:14	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0108		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:06	1
Chromium	0.00332	J	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:06	1

Client Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Client Sample ID: MW-015A-W-221012

Lab Sample ID: 880-20296-3
Matrix: Water
Date Collected: 10/12/22 10:15
Date Received: 10/12/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.700		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:06	1
Manganese	0.346		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8650		100	100	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-013-W-221012

Lab Sample ID: 880-20296-4
Matrix: Water
Date Collected: 10/12/22 10:45
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	777		5.00	2.00	mg/L			10/14/22 21:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00717		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:09	1
Chromium	0.465		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:09	1
Iron	0.0303	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:09	1
Manganese	0.00206		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:09	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			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.282		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: MW-007-W-221012

Lab Sample ID: 880-20296-5
Matrix: Water
Date Collected: 10/12/22 11:10
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	755		5.00	2.00	mg/L			10/14/22 22:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0113		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:12	1
Chromium	0.772		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:12	1
Manganese	0.00490		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3220		40.0	40.0	mg/L			10/18/22 16:20	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-007-W-221012 Lab Sample ID: 880-20296-5

Date Collected: 10/12/22 11:10 **Matrix: Water**
Date Received: 10/12/22 14:51

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.136		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: MW-047-W-221012 Lab Sample ID: 880-20296-6

Date Collected: 10/12/22 11:40 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.00	2.00	mg/L			10/14/22 22:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0114		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:14	1
Chromium	0.0545		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:14	1
Iron	0.0284	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:14	1
Manganese	0.000863	J	0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:14	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			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0424		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: DUP-3-W-221012 Lab Sample ID: 880-20296-7

Date Collected: 10/12/22 00:00 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		5.00	2.00	mg/L			10/14/22 22:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0119		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:17	1
Chromium	0.0505		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:17	1
Iron	0.0583	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:17	1
Manganese	0.00454		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:17	1

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			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0434	H	0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Client Sample ID: MW-046A-W-221012

Date Collected: 10/12/22 12:00
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20296-8

Matrix: Water

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			10/14/22 18:26	1
Toluene	**0.000432**	**J**	0.00200	0.000367	mg/L			10/14/22 18:26	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 18:26	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			10/14/22 18:26	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			10/14/22 18:26	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			10/14/22 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*10/14/22 18:26*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*		*10/14/22 18:26*	*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			10/17/22 10:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.904	U	4.57	0.904	mg/L			10/19/22 10:15	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	<0.904	U F1	4.57	0.904	mg/L		10/18/22 10:08	10/18/22 12:16	1
Diesel Range Organics (Over C10-C28)	<0.904	U F1	4.57	0.904	mg/L		10/18/22 10:08	10/18/22 12:16	1
OII Range Organics (Over C28-C36)	<0.872	U	4.57	0.872	mg/L		10/18/22 10:08	10/18/22 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*10/18/22 10:08*	*10/18/22 12:16*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/18/22 10:08*	*10/18/22 12:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**621**		5.00	2.00	mg/L			10/15/22 00:12	10

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		10/17/22 10:23	10/17/22 19:20	1
Chromium	**1.67**		0.0400	0.00560	mg/L		10/17/22 10:23	10/19/22 15:56	10
Iron	**0.0985**	**J**	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:20	1
Manganese	**0.00622**		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2740**		20.0	20.0	mg/L			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.296**		0.0500	0.0135	mg/L			10/13/22 08:45	5

Surrogate Summary

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

Job ID: 880-20296-1
SDG: 30109021

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)								
880-20296-8	MW-046A-W-221012	101	88								
LCS 880-36926/3	Lab Control Sample	92	109								
LCSD 880-36926/4	Lab Control Sample Dup	87	111								
MB 880-36926/8	Method Blank	85	98								

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)									
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)								
880-20296-8	MW-046A-W-221012	105	124								
880-20296-8 MS	MW-046A-W-221012	89	91								
880-20296-8 MSD	MW-046A-W-221012	88	88								
LCS 880-37209/2-A	Lab Control Sample	103	117								
LCSD 880-37209/3-A	Lab Control Sample Dup	95	108								
MB 880-37209/1-A	Method Blank	113	131 S1+								

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36926/8
Matrix: Water
Analysis Batch: 36926

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			10/14/22 11:01	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			10/14/22 11:01	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 11:01	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			10/14/22 11:01	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			10/14/22 11:01	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			10/14/22 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*10/14/22 11:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*		*10/14/22 11:01*	*1*

Lab Sample ID: LCS 880-36926/3
Matrix: Water
Analysis Batch: 36926

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	0.1083		mg/L		108	70 - 130		
Toluene			0.100	0.09381		mg/L		94	70 - 130		
Ethylbenzene			0.100	0.08813		mg/L		88	70 - 130		
m-Xylene & p-Xylene			0.200	0.1798		mg/L		90	70 - 130		
o-Xylene			0.100	0.08784		mg/L		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-36926/4
Matrix: Water
Analysis Batch: 36926

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	0.1068		mg/L		107	70 - 130	1	20
Toluene			0.100	0.09102		mg/L		91	70 - 130	3	20
Ethylbenzene			0.100	0.08473		mg/L		85	70 - 130	4	20
m-Xylene & p-Xylene			0.200	0.1711		mg/L		86	70 - 130	5	20
o-Xylene			0.100	0.08371		mg/L		84	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

QC Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-37209/1-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2.263	J	4.55	0.898	mg/L		10/18/22 10:08	10/18/22 11:15	1
Diesel Range Organics (Over C10-C28)	1.319	J	4.55	0.898	mg/L		10/18/22 10:08	10/18/22 11:15	1
Oil Range Organics (Over C28-C36)	<0.867	U	4.55	0.867	mg/L		10/18/22 10:08	10/18/22 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/18/22 10:08*	*10/18/22 11:15*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*10/18/22 10:08*	*10/18/22 11:15*	*1*

Lab Sample ID: LCS 880-37209/2-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	90.4	90.37		mg/L		100	75 - 125
Diesel Range Organics (Over C10-C28)	90.4	91.17		mg/L		101	75 - 125

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: LCSD 880-37209/3-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	90.6	85.33		mg/L		94	75 - 125	6	20
Diesel Range Organics (Over C10-C28)	90.6	85.39		mg/L		94	75 - 125	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Lab Sample ID: 880-20296-8 MS
Matrix: Water
Analysis Batch: 37194

Client Sample ID: MW-046A-W-221012
Prep Type: Total/NA
Prep Batch: 37209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<0.904	U F1	91.2	91.52		mg/L		100	75 - 125
Diesel Range Organics (Over C10-C28)	<0.904	U F1	91.2	77.49		mg/L		85	75 - 125

QC Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-20296-8 MS
Matrix: Water
Analysis Batch: 37194

Client Sample ID: MW-046A-W-221012
Prep Type: Total/NA
Prep Batch: 37209

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	89		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-20296-8 MSD
Matrix: Water
Analysis Batch: 37194

Client Sample ID: MW-046A-W-221012
Prep Type: Total/NA
Prep Batch: 37209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<0.904	U F1	91.5	86.99		mg/L		95	75 - 125	5	20
Diesel Range Organics (Over C10-C28)	<0.904	U F1	91.5	75.07		mg/L		82	75 - 125	3	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	88		70 - 130
o-Terphenyl	88		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-73268/3
Matrix: Water
Analysis Batch: 73268

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			10/14/22 10:01	1

Lab Sample ID: LCS 860-73268/4
Matrix: Water
Analysis Batch: 73268

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	9.934		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-73268/5
Matrix: Water
Analysis Batch: 73268

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	9.953		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-73268/7
Matrix: Water
Analysis Batch: 73268

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	0.4668	J	mg/L		93	50 - 150

QC Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-73286/21
Matrix: Water
Analysis Batch: 73286

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			10/14/22 20:36	1

Lab Sample ID: LCS 860-73286/22
Matrix: Water
Analysis Batch: 73286

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	9.922		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-73286/23
Matrix: Water
Analysis Batch: 73286

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	9.776		mg/L		98	90 - 110	1	20

Lab Sample ID: LLCS 860-73286/7
Matrix: Water
Analysis Batch: 73286

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	0.5186		mg/L		104	50 - 150

Lab Sample ID: 880-20296-3 MS
Matrix: Water
Analysis Batch: 73286

Client Sample ID: MW-015A-W-221012
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	4290		100	4302	4	mg/L		7	90 - 110

Lab Sample ID: 880-20296-3 MSD
Matrix: Water
Analysis Batch: 73286

Client Sample ID: MW-015A-W-221012
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	4290		100	4305	4	mg/L		10	90 - 110	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-73467/1-A
Matrix: Water
Analysis Batch: 73617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 18:30	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 18:30	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 18:30	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 18:30	1

QC Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

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

Lab Sample ID: LCS 860-73467/2-A
Matrix: Water
Analysis Batch: 73617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73467

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.09806		mg/L		98	80 - 120		
Chromium			0.100	0.09773		mg/L		98	80 - 120		
Iron			0.500	0.5054		mg/L		101	80 - 120		
Manganese			0.100	0.09988		mg/L		100	80 - 120		

Lab Sample ID: LCSD 860-73467/3-A
Matrix: Water
Analysis Batch: 73617

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73467

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09705		mg/L		97	80 - 120	1	20
Chromium			0.100	0.09678		mg/L		97	80 - 120	1	20
Iron			0.500	0.5043		mg/L		101	80 - 120	0	20
Manganese			0.100	0.09874		mg/L		99	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-36819/3
Matrix: Water
Analysis Batch: 36819

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			10/13/22 08:00	1

Lab Sample ID: LCS 880-36819/4
Matrix: Water
Analysis Batch: 36819

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	0.03697		mg/L		92	85 - 115		

Lab Sample ID: LCSD 880-36819/5
Matrix: Water
Analysis Batch: 36819

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	0.03697		mg/L		92	85 - 115	0	20

Lab Sample ID: MB 880-36821/3
Matrix: Water
Analysis Batch: 36821

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			10/13/22 08:45	1

QC Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 880-36821/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 36821

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)			0.0400	0.03697		mg/L		92	85 - 115		

Lab Sample ID: LCSD 880-36821/5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 36821

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)			0.0400	0.03697		mg/L		92	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-73733/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 73733

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			10/18/22 16:20	1

Lab Sample ID: LCS 860-73733/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 73733

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			1000	984.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-73733/3 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 73733

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1064		mg/L		106	80 - 120	8	10

Lab Sample ID: LLCS 860-73733/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 73733

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: 880-20296-5 DU — **Client Sample ID: MW-007-W-221012**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 73733

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3220			3200		mg/L				0.5	10

QC Association Summary

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

Job ID: 880-20296-1
SDG: 30109021

GC VOA

Analysis Batch: 36926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-8	MW-046A-W-221012	Total/NA	Water	8021B	
MB 880-36926/8	Method Blank	Total/NA	Water	8021B	
LCS 880-36926/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-36926/4	Lab Control Sample Dup	Total/NA	Water	8021B	

Analysis Batch: 37115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-8	MW-046A-W-221012	Total/NA	Water	Total BTEX	

GC Semi VOA

Analysis Batch: 37194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-8	MW-046A-W-221012	Total/NA	Water	8015B NM	37209
MB 880-37209/1-A	Method Blank	Total/NA	Water	8015B NM	37209
LCS 880-37209/2-A	Lab Control Sample	Total/NA	Water	8015B NM	37209
LCSD 880-37209/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	37209
880-20296-8 MS	MW-046A-W-221012	Total/NA	Water	8015B NM	37209
880-20296-8 MSD	MW-046A-W-221012	Total/NA	Water	8015B NM	37209

Prep Batch: 37209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-8	MW-046A-W-221012	Total/NA	Water	8015NM Aq Prep	
MB 880-37209/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 880-37209/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 880-37209/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	
880-20296-8 MS	MW-046A-W-221012	Total/NA	Water	8015NM Aq Prep	
880-20296-8 MSD	MW-046A-W-221012	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 37290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-8	MW-046A-W-221012	Total/NA	Water	8015 NM	

HPLC/IC

Analysis Batch: 73268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-1	MW-018-W-221012	Total/NA	Water	300.0	
880-20296-2 - DL	MW-016A-W-221012	Total/NA	Water	300.0	
MB 860-73268/3	Method Blank	Total/NA	Water	300.0	
LCS 860-73268/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73268/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73268/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 73286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-3	MW-015A-W-221012	Total/NA	Water	300.0	
880-20296-4	MW-013-W-221012	Total/NA	Water	300.0	
880-20296-5	MW-007-W-221012	Total/NA	Water	300.0	
880-20296-6	MW-047-W-221012	Total/NA	Water	300.0	
880-20296-7	DUP-3-W-221012	Total/NA	Water	300.0	
880-20296-8	MW-046A-W-221012	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 880-20296-1
SDG: 30109021

HPLC/IC (Continued)

Analysis Batch: 73286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-73286/21	Method Blank	Total/NA	Water	300.0	
LCS 860-73286/22	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73286/23	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73286/7	Lab Control Sample	Total/NA	Water	300.0	
880-20296-3 MS	MW-015A-W-221012	Total/NA	Water	300.0	
880-20296-3 MSD	MW-015A-W-221012	Total/NA	Water	300.0	

Metals

Prep Batch: 73467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-1	MW-018-W-221012	Dissolved	Water	3010A	
880-20296-2	MW-016A-W-221012	Dissolved	Water	3010A	
880-20296-3	MW-015A-W-221012	Dissolved	Water	3010A	
880-20296-4	MW-013-W-221012	Dissolved	Water	3010A	
880-20296-5	MW-007-W-221012	Dissolved	Water	3010A	
880-20296-6	MW-047-W-221012	Dissolved	Water	3010A	
880-20296-7	DUP-3-W-221012	Dissolved	Water	3010A	
880-20296-8	MW-046A-W-221012	Dissolved	Water	3010A	
MB 860-73467/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-73467/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-73467/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 73617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-1	MW-018-W-221012	Dissolved	Water	6020A	73467
880-20296-2	MW-016A-W-221012	Dissolved	Water	6020A	73467
880-20296-3	MW-015A-W-221012	Dissolved	Water	6020A	73467
880-20296-4	MW-013-W-221012	Dissolved	Water	6020A	73467
880-20296-5	MW-007-W-221012	Dissolved	Water	6020A	73467
880-20296-6	MW-047-W-221012	Dissolved	Water	6020A	73467
880-20296-7	DUP-3-W-221012	Dissolved	Water	6020A	73467
880-20296-8	MW-046A-W-221012	Dissolved	Water	6020A	73467
MB 860-73467/1-A	Method Blank	Total/NA	Water	6020A	73467
LCS 860-73467/2-A	Lab Control Sample	Total/NA	Water	6020A	73467
LCSD 860-73467/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	73467

Analysis Batch: 73918

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-8	MW-046A-W-221012	Dissolved	Water	6020A	73467

General Chemistry

Analysis Batch: 36819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-1	MW-018-W-221012	Dissolved	Water	7196A	
880-20296-2	MW-016A-W-221012	Dissolved	Water	7196A	
880-20296-3	MW-015A-W-221012	Dissolved	Water	7196A	
MB 880-36819/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36819/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36819/5	Lab Control Sample Dup	Total/NA	Water	7196A	

QC Association Summary

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

Job ID: 880-20296-1
SDG: 30109021

General Chemistry

Analysis Batch: 36821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-4	MW-013-W-221012	Dissolved	Water	7196A	
880-20296-5	MW-007-W-221012	Dissolved	Water	7196A	
880-20296-6	MW-047-W-221012	Dissolved	Water	7196A	
880-20296-7	DUP-3-W-221012	Dissolved	Water	7196A	
880-20296-8	MW-046A-W-221012	Dissolved	Water	7196A	
MB 880-36821/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36821/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36821/5	Lab Control Sample Dup	Total/NA	Water	7196A	

Analysis Batch: 73733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20296-1	MW-018-W-221012	Total/NA	Water	SM 2540C	
880-20296-2	MW-016A-W-221012	Total/NA	Water	SM 2540C	
880-20296-3	MW-015A-W-221012	Total/NA	Water	SM 2540C	
880-20296-4	MW-013-W-221012	Total/NA	Water	SM 2540C	
880-20296-5	MW-007-W-221012	Total/NA	Water	SM 2540C	
880-20296-6	MW-047-W-221012	Total/NA	Water	SM 2540C	
880-20296-7	DUP-3-W-221012	Total/NA	Water	SM 2540C	
880-20296-8	MW-046A-W-221012	Total/NA	Water	SM 2540C	
MB 860-73733/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73733/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73733/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-73733/4	Lab Control Sample	Total/NA	Water	SM 2540C	
880-20296-5 DU	MW-007-W-221012	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 880-20296-1
SDG: 30109021

Client Sample ID: MW-018-W-221012

Lab Sample ID: 880-20296-1
Matrix: Water
Date Collected: 10/12/22 09:15
Date Received: 10/12/22 14:51

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			73268	10/14/22 22:37	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:01	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-016A-W-221012

Lab Sample ID: 880-20296-2
Matrix: Water
Date Collected: 10/12/22 10:10
Date Received: 10/12/22 14:51

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			73268	10/14/22 23:14	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:03	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-015A-W-221012

Lab Sample ID: 880-20296-3
Matrix: Water
Date Collected: 10/12/22 10:15
Date Received: 10/12/22 14:51

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			73286	10/14/22 21:14	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:06	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-013-W-221012

Lab Sample ID: 880-20296-4
Matrix: Water
Date Collected: 10/12/22 10:45
Date Received: 10/12/22 14:51

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			73286	10/14/22 21:52	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:09	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Lab Chronicle

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

Job ID: 880-20296-1
SDG: 30109021

Client Sample ID: MW-007-W-221012

Lab Sample ID: 880-20296-5
Matrix: Water
Date Collected: 10/12/22 11:10
Date Received: 10/12/22 14:51

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			73286	10/14/22 22:05	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:12	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-047-W-221012

Lab Sample ID: 880-20296-6
Matrix: Water
Date Collected: 10/12/22 11:40
Date Received: 10/12/22 14:51

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			73286	10/14/22 22:18	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:14	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: DUP-3-W-221012

Lab Sample ID: 880-20296-7
Matrix: Water
Date Collected: 10/12/22 00:00
Date Received: 10/12/22 14:51

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			73286	10/14/22 22:30	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:17	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-046A-W-221012

Lab Sample ID: 880-20296-8
Matrix: Water
Date Collected: 10/12/22 12:00
Date Received: 10/12/22 14:51

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	36926	10/14/22 18:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37115	10/17/22 10:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37290	10/19/22 10:15	SM	EET MID
Total/NA	Prep	8015NM Aq Prep			32.8 mL	3 mL	37209	10/18/22 10:08	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37194	10/18/22 12:16	SM	EET MID
Total/NA	Analysis	300.0		10			73286	10/15/22 00:12	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:20	DP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		10			73918	10/19/22 15:56	DP	EET HOU
Dissolved	Analysis	7196A		5	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID

Eurofins Midland

Lab Chronicle

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

Job ID: 880-20296-1
SDG: 30109021

Client Sample ID: MW-046A-W-221012

Date Collected: 10/12/22 12:00
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20296-8

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	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	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: 880-20296-1
SDG: 30109021

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	T104704400-22-24	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
Total BTEX		Water	Total BTEX

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

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

Job ID: 880-20296-1
SDG: 30109021

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 MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	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 MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: 880-20296-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20296-1	MW-018-W-221012	Water	10/12/22 09:15	10/12/22 14:51
880-20296-2	MW-016A-W-221012	Water	10/12/22 10:10	10/12/22 14:51
880-20296-3	MW-015A-W-221012	Water	10/12/22 10:15	10/12/22 14:51
880-20296-4	MW-013-W-221012	Water	10/12/22 10:45	10/12/22 14:51
880-20296-5	MW-007-W-221012	Water	10/12/22 11:10	10/12/22 14:51
880-20296-6	MW-047-W-221012	Water	10/12/22 11:40	10/12/22 14:51
880-20296-7	DUP-3-W-221012	Water	10/12/22 00:00	10/12/22 14:51
880-20296-8	MW-046A-W-221012	Water	10/12/22 12:00	10/12/22 14:51

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Chain of Custody

Work Order No: 20296

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

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):	5.7/5.9	Thermometer ID	IR3
Received Intact:	Yes ☒ No ☐		
Cooler Custody Seals.	Yes ☐ No ☐ N/A ☒	Correction Factor	-.30
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) Arsenic, Manganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW-018-W-221012	W	10-12-22	0915		7			X	X	X	X
MW-016A-W-221012	W		1000		7			X	X	X	X
MW-015A-W-221012	W		1015		7			X	X	X	X
MW-013-W-221012	W		1045		7			X	X	X	X
MW-007-W-221012	W		1110		7			X	X	X	X
MW-047-W-221012	W		1140		7			X	X	X	X
DUP-3-W-221012	W		—		7			X	X	X	X
MW-046A-W-221012	W	10-12-22	1200		7	X	X	X	X	X	X

10-12-22

Work Order Notes

880-20296 Chain of Custody

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

Sample Comments

* Field Filtered *
* Field Filtered *

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		10-12-22 / 1455	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-20296-1
SDG Number: 30109021

Login Number: 20296
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").	True	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-20296-1
SDG Number: 30109021

Login Number: 20296
List Number: 2
Creator: Marin, Juan

List Source: Eurofins Houston
List Creation: 10/14/22 02:09 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 America

ANALYTICAL REPORT

Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Tel: (432)704-5440

Laboratory Job ID: 880-20298-1
Laboratory Sample Delivery Group: 30109021
Client Project/Site: Eunice Project - N Eunice

For:
ARCADIS U.S., Inc.
1004 North Big Spring
Suite 300
Midland, Texas 79701

Attn: Andrew DeMarco

Authorized for release by:
10/24/2022 9:11:33 PM

John Builes, Project Manager
(561)558-4549
John.Builes@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Qualifiers

GC 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.
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.
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
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

Definitions/Glossary

Client: ARCADIS U.S., Inc.
Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice
SDG: 30109021

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Job ID: 880-20298-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-20298-1

Receipt
The samples were received on 10/12/2022 2:51 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 5.9°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 880-37209 and analytical batch 880-37194 was outside the upper control limits.

Method 8015MOD_NM: The method blank for preparation batch 880-37209 and analytical batch 880-37194 contained Gasoline Range Organics (GRO)-C6-C10 and Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples 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 matrix spike / matrix spike duplicate (MS/MSD) recoveries 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 following samples were diluted to bring the concentration of target analytes within the calibration range: MW-043-W-101222 (880-20298-1), DUP-1-W-101222 (880-20298-2), MW-050-SA-W-101222 (880-20298-3), MW-054-SA-W-101222 (880-20298-5), MW-053-SA-W-101222 (880-20298-6), DUP-2-W-101222 (880-20298-7), MW-049-SA-W-101222 (880-20298-8) and MW-093-SA-W-101222 (880-20298-9). 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.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 7196A: Samples DUP-1-W-101222 (880-20298-2) and DUP-2-W-101222 (880-20298-7) were received without sampling time to establish holding time.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-043-W-101222

Date Collected: 10/12/22 08:13
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20298-1

Matrix: Water

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			10/14/22 11:23	1
Toluene	**0.000719**	**J**	0.00200	0.000367	mg/L			10/14/22 11:23	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 11:23	1
m-Xylene & p-Xylene	**0.00140**	**J**	0.00400	0.000629	mg/L			10/14/22 11:23	1
o-Xylene	**0.00142**	**J**	0.00200	0.000642	mg/L			10/14/22 11:23	1
Xylenes, Total	**0.00282**	**J**	0.00400	0.000642	mg/L			10/14/22 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*10/14/22 11:23*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*10/14/22 11:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00354**	**J**	0.00400	0.000657	mg/L			10/17/22 10:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.901	U	4.56	0.901	mg/L			10/19/22 10:15	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	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:37	1
Diesel Range Organics (Over C10-C28)	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:37	1
OII Range Organics (Over C28-C36)	<0.869	U	4.56	0.869	mg/L		10/18/22 10:08	10/18/22 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:37*	*1*
o-Terphenyl	*102*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**569**		5.00	2.00	mg/L			10/15/22 00:25	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00648**		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:23	1
Chromium	**0.000832**	**J**	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:23	1
Iron	**0.532**		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:23	1
Manganese	**0.577**		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1730**		20.0	20.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: DUP-1-W-101222

Date Collected: 10/12/22 00:00
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20298-2

Matrix: Water

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			10/14/22 11:43	1
Toluene	**0.000622**	**J**	0.00200	0.000367	mg/L			10/14/22 11:43	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 11:43	1
m-Xylene & p-Xylene	**0.00113**	**J**	0.00400	0.000629	mg/L			10/14/22 11:43	1
o-Xylene	**0.00123**	**J**	0.00200	0.000642	mg/L			10/14/22 11:43	1
Xylenes, Total	**0.00236**	**J**	0.00400	0.000642	mg/L			10/14/22 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/14/22 11:43*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*		*10/14/22 11:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00298**	**J**	0.00400	0.000657	mg/L			10/17/22 10:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.901	U	4.56	0.901	mg/L			10/19/22 10:15	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	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:58	1
Diesel Range Organics (Over C10-C28)	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:58	1
OII Range Organics (Over C28-C36)	<0.869	U	4.56	0.869	mg/L		10/18/22 10:08	10/18/22 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:58*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		5.00	2.00	mg/L			10/15/22 00:38	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00678**		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:26	1
Chromium	**0.000648**	**J**	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:26	1
Iron	**0.438**		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:26	1
Manganese	**0.560**		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:26	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			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-050-SA-W-101222 Lab Sample ID: 880-20298-3

Date Collected: 10/12/22 08:49 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		5.00	2.00	mg/L			10/15/22 00:50	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00719		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:34	1
Chromium	0.291		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:34	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:34	1
Manganese	0.0143		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:34	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			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-067-SA-W-101222 Lab Sample ID: 880-20298-4

Date Collected: 10/12/22 09:04 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		0.500	0.200	mg/L			10/14/22 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0193		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:37	1
Chromium	0.00128	J	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:37	1
Iron	0.424		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:37	1
Manganese	0.00512		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	971		10.0	10.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-054-SA-W-101222 Lab Sample ID: 880-20298-5

Date Collected: 10/12/22 09:24 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	777		5.00	2.00	mg/L			10/15/22 01:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0113		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:39	1
Chromium	0.119		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:39	1

Client Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-054-SA-W-101222

Lab Sample ID: 880-20298-5
Date Collected: 10/12/22 09:24
Matrix: Water
Date Received: 10/12/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.172		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:39	1
Manganese	0.00468		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2370		20.0	20.0	mg/L			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.103		0.0100	0.00270	mg/L			10/13/22 08:00	1

Client Sample ID: MW-053-SA-W-101222

Lab Sample ID: 880-20298-6
Date Collected: 10/12/22 09:47
Matrix: Water
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	605		5.00	2.00	mg/L			10/15/22 01:16	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0124		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:42	1
Chromium	0.00710		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:42	1
Iron	0.0570	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:42	1
Manganese	0.00273		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2060		20.0	20.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: DUP-2-W-101222

Lab Sample ID: 880-20298-7
Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	604		5.00	2.00	mg/L			10/15/22 01:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0124		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:45	1
Chromium	0.00719		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:45	1
Iron	0.115		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:45	1
Manganese	0.00458		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2020		20.0	20.0	mg/L			10/19/22 08:50	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: DUP-2-W-101222 Lab Sample ID: 880-20298-7

Date Collected: 10/12/22 00:00 **Matrix: Water**
Date Received: 10/12/22 14:51

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			10/13/22 08:00	1

Client Sample ID: MW-049-SA-W-101222 Lab Sample ID: 880-20298-8

Date Collected: 10/12/22 10:16 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		5.00	2.00	mg/L			10/15/22 02:07	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:48	1
Chromium	0.280		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:48	1
Iron	0.541		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:48	1
Manganese	0.00797		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:48	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			10/19/22 08:50	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.234		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: MW-093-SA-W-101222 Lab Sample ID: 880-20298-9

Date Collected: 10/12/22 10:37 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	809		5.00	2.00	mg/L			10/15/22 02:45	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00943		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:50	1
Chromium	0.486		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:50	1
Iron	0.0313	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:50	1
Manganese	0.0183		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3470		40.0	40.0	mg/L			10/19/22 08:50	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.428		0.0100	0.00270	mg/L			10/13/22 08:45	1

Surrogate Summary

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

Job ID: 880-20298-1
SDG: 30109021

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)										
880-20298-1	MW-043-W-101222	87	100										
880-20298-1 MS	MW-043-W-101222	108	96										
880-20298-1 MSD	MW-043-W-101222	106	100										
880-20298-2	DUP-1-W-101222	98	106										
LCS 880-36926/3	Lab Control Sample	92	109										
LCSD 880-36926/4	Lab Control Sample Dup	87	111										
MB 880-36926/8	Method Blank	85	98										

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	(70-130)	(70-130)										
880-20298-1	MW-043-W-101222	95	102										
880-20298-2	DUP-1-W-101222	99	108										
LCS 880-37209/2-A	Lab Control Sample	103	117										
LCSD 880-37209/3-A	Lab Control Sample Dup	95	108										
MB 880-37209/1-A	Method Blank	113	131 S1+										

Surrogate Legend

1CO = 1-Chlorooctane
OTPH = o-Terphenyl

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36926/8
Matrix: Water
Analysis Batch: 36926

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			10/14/22 11:01	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			10/14/22 11:01	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 11:01	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			10/14/22 11:01	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			10/14/22 11:01	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			10/14/22 11:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*		*10/14/22 11:01*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*		*10/14/22 11:01*	*1*

Lab Sample ID: LCS 880-36926/3
Matrix: Water
Analysis Batch: 36926

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	0.1083		mg/L		108	70 - 130
Toluene	0.100	0.09381		mg/L		94	70 - 130
Ethylbenzene	0.100	0.08813		mg/L		88	70 - 130
m-Xylene & p-Xylene	0.200	0.1798		mg/L		90	70 - 130
o-Xylene	0.100	0.08784		mg/L		88	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-36926/4
Matrix: Water
Analysis Batch: 36926

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	0.1068		mg/L		107	70 - 130	1	20
Toluene	0.100	0.09102		mg/L		91	70 - 130	3	20
Ethylbenzene	0.100	0.08473		mg/L		85	70 - 130	4	20
m-Xylene & p-Xylene	0.200	0.1711		mg/L		86	70 - 130	5	20
o-Xylene	0.100	0.08371		mg/L		84	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-20298-1 MS
Matrix: Water
Analysis Batch: 36926

Client Sample ID: MW-043-W-101222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.000408	U	0.100	0.1085		mg/L		108	70 - 130
Toluene	0.000719	J	0.100	0.1033		mg/L		103	70 - 130

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-20298-1 MS
Matrix: Water
Analysis Batch: 36926

Client Sample ID: MW-043-W-101222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.000657	U	0.100	0.1007		mg/L		101	70 - 130
m-Xylene & p-Xylene	0.00140	J	0.200	0.2135		mg/L		106	70 - 130
o-Xylene	0.00142	J	0.100	0.1054		mg/L		104	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-20298-1 MSD
Matrix: Water
Analysis Batch: 36926

Client Sample ID: MW-043-W-101222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.000408	U	0.100	0.1123		mg/L		112	70 - 130	3	25
Toluene	0.000719	J	0.100	0.1065		mg/L		106	70 - 130	3	25
Ethylbenzene	<0.000657	U	0.100	0.1038		mg/L		104	70 - 130	3	25
m-Xylene & p-Xylene	0.00140	J	0.200	0.2155		mg/L		107	70 - 130	1	25
o-Xylene	0.00142	J	0.100	0.1080		mg/L		107	70 - 130	2	25

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-37209/1-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 37209

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	2.263	J	4.55	0.898	mg/L		10/18/22 10:08	10/18/22 11:15	1
Diesel Range Organics (Over C10-C28)	1.319	J	4.55	0.898	mg/L		10/18/22 10:08	10/18/22 11:15	1
OII Range Organics (Over C28-C36)	<0.867	U	4.55	0.867	mg/L		10/18/22 10:08	10/18/22 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*113*		*70 - 130*	*10/18/22 10:08*	*10/18/22 11:15*	*1*
o-Terphenyl	*131*	*S1+*	*70 - 130*	*10/18/22 10:08*	*10/18/22 11:15*	*1*

Lab Sample ID: LCS 880-37209/2-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	90.4	90.37		mg/L		100	75 - 125
Diesel Range Organics (Over C10-C28)	90.4	91.17		mg/L		101	75 - 125

Eurofins Midland

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-37209/2-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 37209

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane	*103*		*70 - 130*
o-Terphenyl	*117*		*70 - 130*

Lab Sample ID: LCSD 880-37209/3-A
Matrix: Water
Analysis Batch: 37194

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 37209

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			90.6	85.33		mg/L		94	75 - 125	6	20
Diesel Range Organics (Over C10-C28)			90.6	85.39		mg/L		94	75 - 125	7	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane	*95*		*70 - 130*
o-Terphenyl	*108*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-73268/3
Matrix: Water
Analysis Batch: 73268

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			10/14/22 10:01	1

Lab Sample ID: LCS 860-73268/4
Matrix: Water
Analysis Batch: 73268

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	9.934		mg/L		99	90 - 110		

Lab Sample ID: LCSD 860-73268/5
Matrix: Water
Analysis Batch: 73268

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	9.953		mg/L		100	90 - 110	0	20

Lab Sample ID: LLCS 860-73268/7
Matrix: Water
Analysis Batch: 73268

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	0.4668	J	mg/L		93	50 - 150		

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-73286/21
Matrix: Water
Analysis Batch: 73286

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			10/14/22 20:36	1

Lab Sample ID: LCS 860-73286/22
Matrix: Water
Analysis Batch: 73286

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	9.922		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-73286/23
Matrix: Water
Analysis Batch: 73286

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	9.776		mg/L		98	90 - 110	1	20

Lab Sample ID: LLCS 860-73286/7
Matrix: Water
Analysis Batch: 73286

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	0.5186		mg/L		104	50 - 150

Lab Sample ID: 880-20298-6 MS
Matrix: Water
Analysis Batch: 73286

Client Sample ID: MW-053-SA-W-101222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	605		100	695.8	4	mg/L		91	90 - 110

Lab Sample ID: 880-20298-6 MSD
Matrix: Water
Analysis Batch: 73286

Client Sample ID: MW-053-SA-W-101222
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	605		100	697.2	4	mg/L		92	90 - 110	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 860-73467/1-A
Matrix: Water
Analysis Batch: 73617

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 73467

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000290	U	0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 18:30	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 18:30	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 18:30	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 18:30	1

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

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

Lab Sample ID: LCS 860-73467/2-A
Matrix: Water
Analysis Batch: 73617

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 73467

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Arsenic			0.100	0.09806		mg/L		98	80 - 120		
Chromium			0.100	0.09773		mg/L		98	80 - 120		
Iron			0.500	0.5054		mg/L		101	80 - 120		
Manganese			0.100	0.09988		mg/L		100	80 - 120		

Lab Sample ID: LCSD 860-73467/3-A
Matrix: Water
Analysis Batch: 73617

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 73467

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic			0.100	0.09705		mg/L		97	80 - 120	1	20
Chromium			0.100	0.09678		mg/L		97	80 - 120	1	20
Iron			0.500	0.5043		mg/L		101	80 - 120	0	20
Manganese			0.100	0.09874		mg/L		99	80 - 120	1	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 880-36819/3
Matrix: Water
Analysis Batch: 36819

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			10/13/22 08:00	1

Lab Sample ID: LCS 880-36819/4
Matrix: Water
Analysis Batch: 36819

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	0.03697		mg/L		92	85 - 115		

Lab Sample ID: LCSD 880-36819/5
Matrix: Water
Analysis Batch: 36819

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	0.03697		mg/L		92	85 - 115	0	20

Lab Sample ID: MB 880-36821/3
Matrix: Water
Analysis Batch: 36821

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			10/13/22 08:45	1

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Method: 7196A - Chromium, Hexavalent (Continued)

Lab Sample ID: LCS 880-36821/4
Matrix: Water
Analysis Batch: 36821

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	0.03697		mg/L		92	85 - 115		

Lab Sample ID: LCSD 880-36821/5
Matrix: Water
Analysis Batch: 36821

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	0.03697		mg/L		92	85 - 115	0	20

Lab Sample ID: 880-20298-1 MS
Matrix: Water
Analysis Batch: 36819

Client Sample ID: MW-043-W-101222
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	0.1976		mg/L		99	85 - 115		

Lab Sample ID: 880-20298-1 MSD
Matrix: Water
Analysis Batch: 36819

Client Sample ID: MW-043-W-101222
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	0.1976		mg/L		99	85 - 115	0	20

Lab Sample ID: 880-20298-8 MS
Matrix: Water
Analysis Batch: 36821

Client Sample ID: MW-049-SA-W-101222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Cr (VI)	0.234		0.200	0.4425		mg/L		104	85 - 115		

Lab Sample ID: 880-20298-8 MSD
Matrix: Water
Analysis Batch: 36821

Client Sample ID: MW-049-SA-W-101222
Prep Type: Dissolved

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cr (VI)	0.234		0.200	0.4425		mg/L		104	85 - 115	0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-73733/1
Matrix: Water
Analysis Batch: 73733

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			10/18/22 16:20	1

QC Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 860-73733/2
Matrix: Water
Analysis Batch: 73733

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	984.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-73733/3
Matrix: Water
Analysis Batch: 73733

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	1064		mg/L		106	80 - 120	8	10

Lab Sample ID: LLCS 860-73733/4
Matrix: Water
Analysis Batch: 73733

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: MB 860-73792/1
Matrix: Water
Analysis Batch: 73792

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			10/19/22 08:50	1

Lab Sample ID: LCS 860-73792/2
Matrix: Water
Analysis Batch: 73792

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	940.0		mg/L		94	80 - 120		

Lab Sample ID: LCSD 860-73792/3
Matrix: Water
Analysis Batch: 73792

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	992.0		mg/L		99	80 - 120	5	10

QC Association Summary

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

Job ID: 880-20298-1
SDG: 30109021

GC VOA

Analysis Batch: 36926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	8021B	
880-20298-2	DUP-1-W-101222	Total/NA	Water	8021B	
MB 880-36926/8	Method Blank	Total/NA	Water	8021B	
LCS 880-36926/3	Lab Control Sample	Total/NA	Water	8021B	
LCSD 880-36926/4	Lab Control Sample Dup	Total/NA	Water	8021B	
880-20298-1 MS	MW-043-W-101222	Total/NA	Water	8021B	
880-20298-1 MSD	MW-043-W-101222	Total/NA	Water	8021B	

Analysis Batch: 37113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	Total BTEX	
880-20298-2	DUP-1-W-101222	Total/NA	Water	Total BTEX	

GC Semi VOA

Analysis Batch: 37194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	8015B NM	37209
880-20298-2	DUP-1-W-101222	Total/NA	Water	8015B NM	37209
MB 880-37209/1-A	Method Blank	Total/NA	Water	8015B NM	37209
LCS 880-37209/2-A	Lab Control Sample	Total/NA	Water	8015B NM	37209
LCSD 880-37209/3-A	Lab Control Sample Dup	Total/NA	Water	8015B NM	37209

Prep Batch: 37209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	8015NM Aq Prep	
880-20298-2	DUP-1-W-101222	Total/NA	Water	8015NM Aq Prep	
MB 880-37209/1-A	Method Blank	Total/NA	Water	8015NM Aq Prep	
LCS 880-37209/2-A	Lab Control Sample	Total/NA	Water	8015NM Aq Prep	
LCSD 880-37209/3-A	Lab Control Sample Dup	Total/NA	Water	8015NM Aq Prep	

Analysis Batch: 37292

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	8015 NM	
880-20298-2	DUP-1-W-101222	Total/NA	Water	8015 NM	

HPLC/IC

Analysis Batch: 73268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-4	MW-067-SA-W-101222	Total/NA	Water	300.0	
MB 860-73268/3	Method Blank	Total/NA	Water	300.0	
LCS 860-73268/4	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73268/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73268/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 73286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	300.0	
880-20298-2	DUP-1-W-101222	Total/NA	Water	300.0	
880-20298-3	MW-050-SA-W-101222	Total/NA	Water	300.0	
880-20298-5	MW-054-SA-W-101222	Total/NA	Water	300.0	

QC Association Summary

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

Job ID: 880-20298-1
SDG: 30109021

HPLC/IC (Continued)

Analysis Batch: 73286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-6	MW-053-SA-W-101222	Total/NA	Water	300.0	
880-20298-7	DUP-2-W-101222	Total/NA	Water	300.0	
880-20298-8	MW-049-SA-W-101222	Total/NA	Water	300.0	
880-20298-9	MW-093-SA-W-101222	Total/NA	Water	300.0	
MB 860-73286/21	Method Blank	Total/NA	Water	300.0	
LCS 860-73286/22	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-73286/23	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-73286/7	Lab Control Sample	Total/NA	Water	300.0	
880-20298-6 MS	MW-053-SA-W-101222	Total/NA	Water	300.0	
880-20298-6 MSD	MW-053-SA-W-101222	Total/NA	Water	300.0	

Metals

Prep Batch: 73467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Dissolved	Water	3010A	
880-20298-2	DUP-1-W-101222	Dissolved	Water	3010A	
880-20298-3	MW-050-SA-W-101222	Dissolved	Water	3010A	
880-20298-4	MW-067-SA-W-101222	Dissolved	Water	3010A	
880-20298-5	MW-054-SA-W-101222	Dissolved	Water	3010A	
880-20298-6	MW-053-SA-W-101222	Dissolved	Water	3010A	
880-20298-7	DUP-2-W-101222	Dissolved	Water	3010A	
880-20298-8	MW-049-SA-W-101222	Dissolved	Water	3010A	
880-20298-9	MW-093-SA-W-101222	Dissolved	Water	3010A	
MB 860-73467/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-73467/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-73467/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 73617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Dissolved	Water	6020A	73467
880-20298-2	DUP-1-W-101222	Dissolved	Water	6020A	73467
880-20298-3	MW-050-SA-W-101222	Dissolved	Water	6020A	73467
880-20298-4	MW-067-SA-W-101222	Dissolved	Water	6020A	73467
880-20298-5	MW-054-SA-W-101222	Dissolved	Water	6020A	73467
880-20298-6	MW-053-SA-W-101222	Dissolved	Water	6020A	73467
880-20298-7	DUP-2-W-101222	Dissolved	Water	6020A	73467
880-20298-8	MW-049-SA-W-101222	Dissolved	Water	6020A	73467
880-20298-9	MW-093-SA-W-101222	Dissolved	Water	6020A	73467
MB 860-73467/1-A	Method Blank	Total/NA	Water	6020A	73467
LCS 860-73467/2-A	Lab Control Sample	Total/NA	Water	6020A	73467
LCSD 860-73467/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	73467

General Chemistry

Analysis Batch: 36819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Dissolved	Water	7196A	
880-20298-2	DUP-1-W-101222	Dissolved	Water	7196A	
880-20298-3	MW-050-SA-W-101222	Dissolved	Water	7196A	
880-20298-4	MW-067-SA-W-101222	Dissolved	Water	7196A	
880-20298-5	MW-054-SA-W-101222	Dissolved	Water	7196A	

QC Association Summary

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

Job ID: 880-20298-1
SDG: 30109021

General Chemistry (Continued)

Analysis Batch: 36819 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-6	MW-053-SA-W-101222	Dissolved	Water	7196A	
880-20298-7	DUP-2-W-101222	Dissolved	Water	7196A	
MB 880-36819/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36819/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36819/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-20298-1 MS	MW-043-W-101222	Dissolved	Water	7196A	
880-20298-1 MSD	MW-043-W-101222	Dissolved	Water	7196A	

Analysis Batch: 36821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-8	MW-049-SA-W-101222	Dissolved	Water	7196A	
880-20298-9	MW-093-SA-W-101222	Dissolved	Water	7196A	
MB 880-36821/3	Method Blank	Total/NA	Water	7196A	
LCS 880-36821/4	Lab Control Sample	Total/NA	Water	7196A	
LCSD 880-36821/5	Lab Control Sample Dup	Total/NA	Water	7196A	
880-20298-8 MS	MW-049-SA-W-101222	Dissolved	Water	7196A	
880-20298-8 MSD	MW-049-SA-W-101222	Dissolved	Water	7196A	

Analysis Batch: 73733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-1	MW-043-W-101222	Total/NA	Water	SM 2540C	
880-20298-2	DUP-1-W-101222	Total/NA	Water	SM 2540C	
880-20298-3	MW-050-SA-W-101222	Total/NA	Water	SM 2540C	
880-20298-4	MW-067-SA-W-101222	Total/NA	Water	SM 2540C	
880-20298-5	MW-054-SA-W-101222	Total/NA	Water	SM 2540C	
880-20298-6	MW-053-SA-W-101222	Total/NA	Water	SM 2540C	
MB 860-73733/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73733/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73733/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
LLCS 860-73733/4	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 73792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-20298-7	DUP-2-W-101222	Total/NA	Water	SM 2540C	
880-20298-8	MW-049-SA-W-101222	Total/NA	Water	SM 2540C	
880-20298-9	MW-093-SA-W-101222	Total/NA	Water	SM 2540C	
MB 860-73792/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-73792/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 860-73792/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Lab Chronicle

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-043-W-101222
Lab Sample ID: 880-20298-1
Date Collected: 10/12/22 08:13
Matrix: Water
Date Received: 10/12/22 14:51

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	36926	10/14/22 11:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37113	10/17/22 10:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37292	10/19/22 10:15	SM	EET MID
Total/NA	Prep	8015NM Aq Prep			32.9 mL	3 mL	37209	10/18/22 10:08	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37194	10/18/22 13:37	SM	EET MID
Total/NA	Analysis	300.0		10			73286	10/15/22 00:25	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:23	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: DUP-1-W-101222
Lab Sample ID: 880-20298-2
Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 14:51

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	36926	10/14/22 11:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			37113	10/17/22 10:10	AJ	EET MID
Total/NA	Analysis	8015 NM		1			37292	10/19/22 10:15	SM	EET MID
Total/NA	Prep	8015NM Aq Prep			32.9 mL	3 mL	37209	10/18/22 10:08	AM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	37194	10/18/22 13:58	SM	EET MID
Total/NA	Analysis	300.0		10			73286	10/15/22 00:38	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:26	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-050-SA-W-101222
Lab Sample ID: 880-20298-3
Date Collected: 10/12/22 08:49
Matrix: Water
Date Received: 10/12/22 14:51

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			73286	10/15/22 00:50	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:34	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-067-SA-W-101222
Lab Sample ID: 880-20298-4
Date Collected: 10/12/22 09:04
Matrix: Water
Date Received: 10/12/22 14:51

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			73268	10/14/22 22:49	WP	EET HOU

Lab Chronicle

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-067-SA-W-101222

Lab Sample ID: 880-20298-4
Date Collected: 10/12/22 09:04
Matrix: Water
Date Received: 10/12/22 14:51

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	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:37	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-054-SA-W-101222

Lab Sample ID: 880-20298-5
Date Collected: 10/12/22 09:24
Matrix: Water
Date Received: 10/12/22 14:51

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			73286	10/15/22 01:03	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:39	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: MW-053-SA-W-101222

Lab Sample ID: 880-20298-6
Date Collected: 10/12/22 09:47
Matrix: Water
Date Received: 10/12/22 14:51

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			73286	10/15/22 01:16	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:42	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73733	10/18/22 16:20	BSR	EET HOU

Client Sample ID: DUP-2-W-101222

Lab Sample ID: 880-20298-7
Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 14:51

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			73286	10/15/22 01:54	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:45	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36819	10/13/22 08:00	KS	EET MID
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	73792	10/19/22 08:50	BSR	EET HOU

Client Sample ID: MW-049-SA-W-101222

Lab Sample ID: 880-20298-8
Date Collected: 10/12/22 10:16
Matrix: Water
Date Received: 10/12/22 14:51

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			73286	10/15/22 02:07	A1S	EET HOU

Lab Chronicle

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-049-SA-W-101222

Lab Sample ID: 880-20298-8

Date Collected: 10/12/22 10:16
Matrix: Water
Date Received: 10/12/22 14:51

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	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:48	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73792	10/19/22 08:50	BSR	EET HOU

Client Sample ID: MW-093-SA-W-101222

Lab Sample ID: 880-20298-9

Date Collected: 10/12/22 10:37
Matrix: Water
Date Received: 10/12/22 14:51

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			73286	10/15/22 02:45	A1S	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	73467	10/17/22 10:23	AGR	EET HOU
Dissolved	Analysis	6020A		1			73617	10/17/22 19:50	DP	EET HOU
Dissolved	Analysis	7196A		1	97 mL	100 mL	36821	10/13/22 08:45	KS	EET MID
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	73792	10/19/22 08:50	BSR	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: 880-20298-1
SDG: 30109021

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	T104704400-22-24	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
Total BTEX		Water	Total BTEX

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215-22-47	06-30-23

Method Summary

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

Job ID: 880-20298-1
SDG: 30109021

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 MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	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 MID

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

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: 880-20298-1
SDG: 30109021

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-20298-1	MW-043-W-101222	Water	10/12/22 08:13	10/12/22 14:51
880-20298-2	DUP-1-W-101222	Water	10/12/22 00:00	10/12/22 14:51
880-20298-3	MW-050-SA-W-101222	Water	10/12/22 08:49	10/12/22 14:51
880-20298-4	MW-067-SA-W-101222	Water	10/12/22 09:04	10/12/22 14:51
880-20298-5	MW-054-SA-W-101222	Water	10/12/22 09:24	10/12/22 14:51
880-20298-6	MW-053-SA-W-101222	Water	10/12/22 09:47	10/12/22 14:51
880-20298-7	DUP-2-W-101222	Water	10/12/22 00:00	10/12/22 14:51
880-20298-8	MW-049-SA-W-101222	Water	10/12/22 10:16	10/12/22 14:51
880-20298-9	MW-093-SA-W-101222	Water	10/12/22 10:37	10/12/22 14:51

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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: 20798

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 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	
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):	5.7/5.9	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-2
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) Arsenic, Manganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW043-W-101222	W	10/12/22	0813		2	X	X	X	X	X	X
DUP-1-W-101222	W	10/12/22	—		2	X	X	X	X	X	X
MW050SA-W-101222	W	10/12/22	0849		2			X	X	X	X
MW075A-W-101222	W	10/12/22	0904		2			X	X	X	X
MW054SA-W-101222	W	10/12/22	0824		2			X	X	X	X
MW053SA-W-101222	W	10/12/22	0947		2			X	X	X	X
DUP-2-W-101222	W	10/12/22	—		2			X	X	X	X
MW045SA-W-101222	W	10/12/22	1016		2			X	X	X	X
MW038SA-W-101222	W	10/12/22	1037		2			X	X	X	X

Work Order Notes

880-20298 Chain of Custody

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

Sample Comments

* Field Filtered X
* Field Filtered 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		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/29/2023 1:11:13 PM

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Released to Imaging: 4/10/2023 11:55:37 AM

10/24/2022

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-20298-1
SDG Number: 30109021

Login Number: 20298
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").	True	

Login Sample Receipt Checklist

Client: ARCADIS U.S., Inc.

Job Number: 880-20298-1
SDG Number: 30109021

Login Number: 20298
List Number: 2
Creator: Marin, Juan

List Source: Eurofins Houston
List Creation: 10/14/22 02:09 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	

ARCADIS

Chevron North Eunice

DATA REVIEW

North Eunice, New Mexico

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

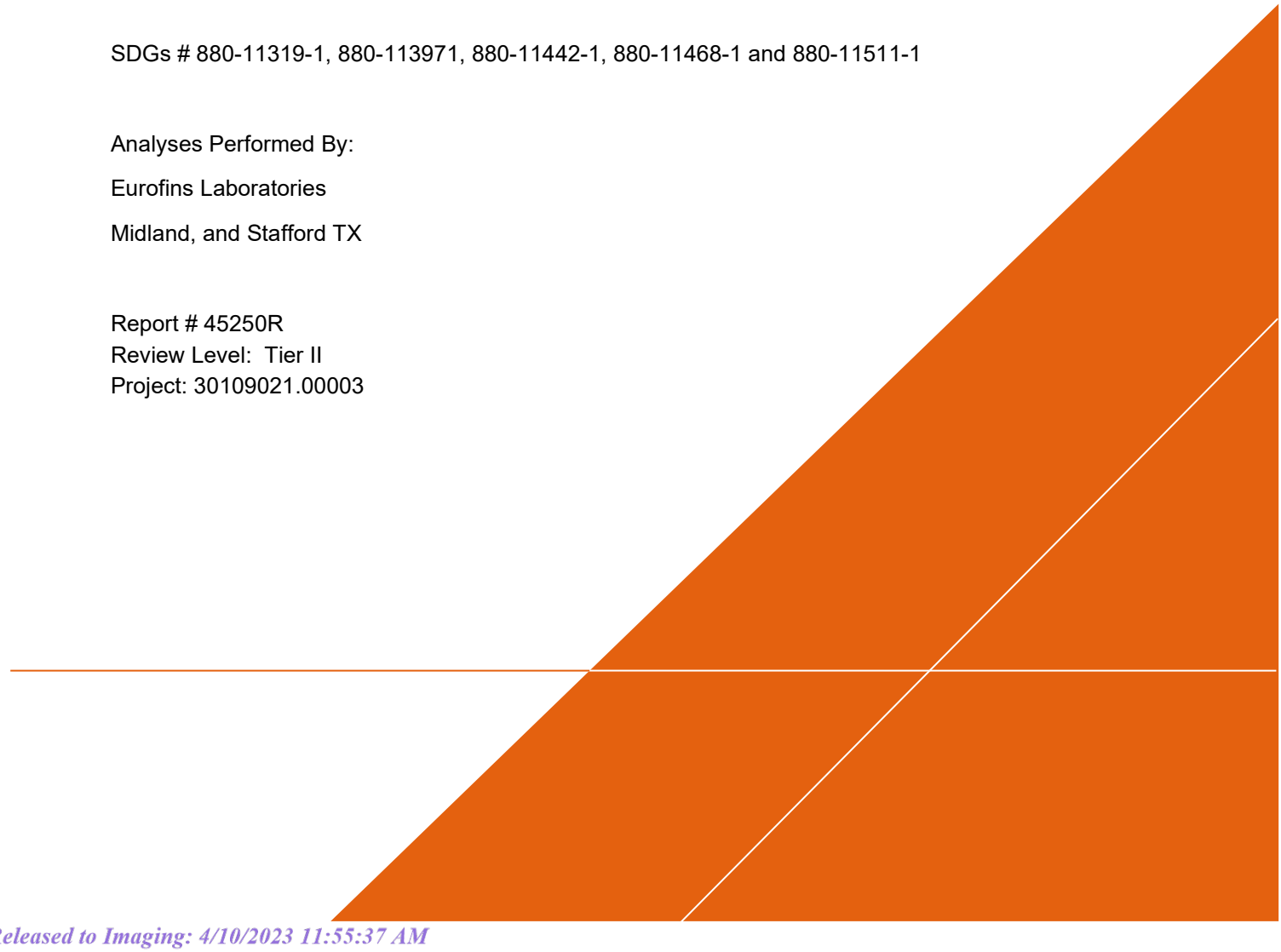
SDGs # 880-11319-1, 880-113971, 880-11442-1, 880-11468-1 and 880-11511-1

Analyses Performed By:

Eurofins Laboratories

Midland, and Stafford TX

Report # 45250R
Review Level: Tier II
Project: 30109021.00003



DATA REVIEW REPORT

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Groups (SDGs) # 880-11319-1, 880-113971, 880-11442-1, 880-11468-1 and 880-11511-1 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
880-11319-1	MW100-W-220215	880-11319-1	Water	02/15/2022				X	X
	MW086SA-W-220215	880-11319-2	Water	02/15/2022				X	X
	MW071SA-W-220215	880-11319-3	Water	02/15/2022				X	X
	MW065SA-W-220215	880-11319-4	Water	02/15/2022				X	X
	MW076SA-W-220215	880-11319-5	Water	02/15/2022				X	X
	MW075SA-W-220215	880-11319-6	Water	02/15/2022				X	X
	MW084SA-W-220215	880-11319-7	Water	02/15/2022				X	X
	MW027-W-220215	880-11319-8	Water	02/15/2022				X	X
880-11397-1	MW085SA-W-220216	880-11397-1	Water	02/16/22				X	X
	IW010-W-220216	880-11397-2	Water	02/16/22				X	X
	IW008-W-220216	880-11397-3	Water	02/16/22				X	X
	MW066SA-W-220216	880-11397-4	Water	02/16/22				X	X
	MW073SA-W220216	880-11397-5	Water	02/16/22				X	X
	MW072SA-W-220216	880-11397-6	Water	02/16/22				X	X
	MW055SA-W-220216	880-11397-7	Water	02/16/22				X	X
	MW56SA-W-220216	880-11397-8	Water	02/16/22				X	X
	MW074SA-W-220216	880-11397-9	Water	02/16/22				X	X
	MW057SA-W-220216	880-11397-10	Water	02/16/22				X	X
	MW021A-W-220216	880-11397-11	Water	02/16/22				X	X
	MW050SA-W220216	880-11397-12	Water	02/16/22				X	X
	MW026-W-220216	880-11397-13	Water	02/16/22				X	X
	MW032-W-220216	880-11397-14	Water	02/16/22				X	X
	MW068-W-220216	880-11397-15	Water	02/16/22				X	X
	MW094-W-220216	880-11397-16	Water	02/16/22				X	X
	MW061-W-220216	880-11397-17	Water	02/16/22				X	X
	MW013-W-220216	880-11397-18	Water	02/16/22				X	X

DATA REVIEW REPORT

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	MISC
	MW040A-220216	880-11397-19	Water	02/16/22				X	X
	DUP01-W-220216	880-11397-20	Water	02/16/22	MW061-W-220216			X	X
880-11442-1	MW051SA-W-220217	880-11442-1	Water	02/17/22				X	X
	MW067SA-W-220217	880-11442-2	Water	02/17/22				X	X
	MW079SA-W-220217	880-11442-3	Water	02/17/22				X	X
	IW003-W-220217	880-11442-4	Water	02/17/22				X	X
	MW054SA-W-220217	880-11442-5	Water	02/17/22				X	X
	MW052SA-W-220217	880-11442-6	Water	02/17/22				X	X
	MW048SA-W-220217	880-11442-7	Water	02/17/22				X	X
	MW049SA-W-220217	880-11442-8	Water	02/17/22				X	X
	MW041A-W-220217	880-11442-9	Water	02/17/22				X	X
	Dup02-W-220217	880-11442-10	Water	02/17/22	MW051SA-W-220217			X	X
	Dup03-W-220217	880-11442-11	Water	02/17/22	MW049SA-W-220217			X	X
880-11468-1	IW023-W-220218	880-11468-1	Water	02/18/22				X	X
	MW093SA-W-220218	880-11468-2	Water	02/18/22				X	X
	MW020A-W-220218	880-11468-3	Water	02/18/22				X	X
	MW019A-W-220218	880-11468-4	Water	02/18/22				X	X
	MW018-W-220218	880-11468-5	Water	02/18/22				X	X
	MW062A-W-220218	880-11468-6	Water	02/18/22				X	X
	MW024A-W-220218	880-11468-7	Water	02/18/22				X	X
	Dup04-W-220218	880-11468-8	Water	02/18/22	IW023-W-220218			X	X
	MW015A-W-220218	880-11468-9	Water	02/18/22				X	X
	MW012M-W-220218	880-11468-10	Water	02/18/22				X	X
	MW088M-W-220218	880-11468-11	Water	02/18/22				X	X
	MW095-W-220218	880-11468-12	Water	02/18/22				X	X
	Dup05-W-220218	880-11468-13	Water	02/18/22	MW095-W-220218			X	X
	MW060-W-220218	880-11468-14	Water	02/18/22				X	X
	MW010-W-220218	880-11468-15	Water	02/18/22				X	X
	MW016A-W-220218	880-11468-16	Water	02/18/22				X	X
880-11511-1	MW043-W-220221	880-11511-1	Water	02/21/22		X	X	X	X
	IW019-W-220221	880-11511-2	Water	02/21/22		X	X	X	X
	MW037-W-220221	880-11511-3	Water	02/21/22		X	X	X	X
	MW001-W-220221	880-11511-4	Water	02/21/22		X	X	X	X
	MW059-W-220221	880-11511-5	Water	02/21/22		X	X	X	X

DATA REVIEW REPORT

SDGs	Sample ID	Lab ID	Matrix	Sample Collection Date	Parent Sample	Analysis			
						VOC	TPH	MET	MISC
	MW023-W-220221	880-11511-6	Water	02/21/22		X	X	X	X
	MW030-W-220221	880-11511-7	Water	02/21/22		X	X	X	X
	MW058-W-220221	880-11511-8	Water	02/21/22		X	X	X	X
	MW099-W-220221	880-11511-9	Water	02/21/22		X	X	X	X
	MW070-W-220221	880-11511-10	Water	02/21/22		X	X	X	X
	MW063A-W-220221	880-11511-11	Water	02/21/22		X	X	X	X
	MW031-W-220221	880-11511-12	Water	02/21/22		X	X	X	X
	MW069-W-220221	880-11511-13	Water	02/21/22		X	X	X	X
	MW053SA-W-220221	880-11511-14	Water	02/21/22		X	X	X	X
	DUP06-W-220221	880-11511-15	Water	02/21/22		X	X	X	X
	MW004A-W-220221	880-11511-16	Water	02/21/22		X	X	X	X
	IW024-W-220221	880-11511-17	Water	02/21/22		X	X	X	X
	MW090SA-W-220221	880-11511-18	Water	02/21/22		X	X	X	X
	MW089SA-W-220221	880-11511-19	Water	02/21/22		X	X	X	X
	MW047-W-220221	880-11511-20	Water	02/21/22		X	X	X	X
	DUP07-W-220221	880-11511-21	Water	02/21/22		X	X	X	X
	MW007A-W-220221	880-11511-22	Water	02/21/22		X	X	X	X
	MW097P-W-220221	880-11511-23	Water	02/21/22		X	X	X	X
	MW008M-W-220221	880-11511-24	Water	02/21/22		X	X	X	X
	MW087A-W-220221	880-11511-25	Water	02/21/22		X	X	X	X
	MW011A-W-220221	880-11511-26	Water	02/21/22		X	X	X	X
	MW002A-W-220221	880-11511-27	Water	02/21/22		X	X	X	X
	DUP08-W-220221	880-11511-28	Water	02/21/22		X	X	X	X
	MW046A-W-220221	880-11511-29	Water	02/21/22		X	X	X	X
	MW045-W-220221	880-11511-30	Water	02/21/22		X	X	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

DATA REVIEW REPORT

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Methods 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.

DATA REVIEW REPORT

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

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.

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.

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 # 880-11511-1: MS/MSD analysis was performed on sample ID MW043-W-220221, exhibited acceptable recoveries and RPDs with below exceptions.

Sample locations associated with the MS/MSD exhibiting recoveries outside of the control limits are presented in the following table.

SDG	Sample Locations	Compounds	MS Recovery	MSD Recovery
880-11511-1	MW043-W-220221	Benzene	<10%	<10%
		Toluene	<10%	<10%
		Ethylbenzene	<10%	<10%
		m-Xylene & p-Xylene	<10%	<10%
		o-Xylene	<10%	<10%

Note:

AC Acceptable

The criteria used to evaluate the MS/MSD recoveries are presented in the following table. In the case of an MS/MSD 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
Parent sample concentration > four times the MS/MSD spiking solution concentration.	Detect	No Action
	Non-detect	

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.

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.

A field duplicate sample was not collected from sample locations associated with this SDG.

7. System Performance and Overall Assessment

DATA REVIEW REPORT

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.

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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)		X		X	
Laboratory Control Sample Duplicate (LCSD)		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS)		X	X		
Matrix Spike Duplicate (MSD)		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

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 sample detection limit (SDL). 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 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. The analysis requires surrogate compounds exhibit recoveries within the laboratory-established acceptance limits.

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 # 880-11511-1: MS/MSD analysis was performed on sample ID MW043-W-220221. MS/MSD analysis exhibited recoveries and RPDs within the laboratory established acceptance limits.

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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.

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.

A field duplicate sample was not collected from sample locations associated with this SDG.

7. System Performance and Overall Assessment

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

DATA REVIEW REPORT

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.

Released to Imaging: 4/10/2023 11:55:37 AM

DATA REVIEW REPORT

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 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# 880-11319-1: All analytes associated with the QA blanks exhibited a concentration less than the SDL, with the exception of the analytes listed in the following table. Sample results associated with QA blank contamination that were greater than the BAL resulted in the removal of the laboratory qualifier (B) from the data. Sample results less than the BAL associated with the following sample locations were qualified as listed in the following table.

Sample ID	Analytes	Sample Result	Qualification
MW086SA-W-220215 MW076SA-W-220215 MW075SA-W-220215 MW084SA-W-220215 MW027-W-220215	Manganese (MB)	Detected sample results <RL and <BAL	"UB" at the RL

Note:

RL Reporting limit

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# 880-11319-1: MS/MSD analysis was not performed on any of the samples from this SDG.

SDG# 880-11397-1: MS/MSD analysis was performed on samples MW085SA-W-220216, MW085SA-W-220216, MW56SA-W-220216 and MW061-W-220216 exhibited acceptable recoveries and RPDs.

SDG# 880-11442-1: MS/MSD analysis was performed on samples MW051SA-W-220217, MW048SA-W-220217, MW067SA-W-220217 and MW048SA-W-220217 exhibited acceptable recoveries and RPDs.

SDG# 880-11468-1: MS/MSD analysis was performed on samples IW023-W-220218 and MW016A-W-220218 exhibited acceptable recoveries and RPDs.

SDG# 880-11511-1: MS/MSD analysis was performed on samples MW043-W-220221, MW063A-W-220221, MW059-W-220221, MW070-W-220221 and MW031-W-220221 exhibited acceptable recoveries and RPDs.

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 times the RL is applied for water matrices and two times the RL for soil matrices.

Laboratory duplicate analysis was not performed on any of the 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.

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
880-11397-1	MW061-W-220216 /DUP01-W-220216	Arsenic	0.0108	0.0107	AC
		Chromium	0.824	0.815	1%
		Iron	0.0292	0.5 U	AC
		Manganese	0.0205	0.019	8%
880-11442-1	MW051SA-W-220217 / Dup02-W-220217	Arsenic	0.0116	0.011	AC
		Chromium	0.749	0.776	4%
		Iron	0.5 U	0.053	AC
		Manganese	0.00634	0.00613	AC
	MW049SA-W-220217 / Dup03-W-220217	Arsenic	0.0111	0.0115	AC
		Chromium	0.45	0.478	6%
880-11468-1	IW023-W-220218 / Dup04-W-220218	Arsenic	0.0105	0.01	AC
		Chromium	0.333	0.322	3%
		Manganese	0.000806	0.00124	AC
	MW095-W-220218 /	Arsenic	0.00905	0.00898	AC

SDGs	Sample ID/Duplicate ID	Analytes	Sample Result (mg/l)	Duplicate Result (mg/l)	RPD
	Dup05-W-220218	Chromium	3.46	3.67	6%
		Manganese	0.131	0.127	3%
880-11511-1	MW059-W-220221 / DUP06-W-220221	Arsenic	0.0141	0.0136	AC
		Chromium	0.639	0.574	11%
		Manganese	0.000865	0.000911	AC
	MW047-W-220221 / DUP07-W-220221	Arsenic	0.011	0.00982	AC
		Chromium	0.0969	0.0989	2%
		Manganese	0.000489	0.000372	AC
	MW002A-W-220221 / DUP08-W-220221	Arsenic	0.0173	0.0179	AC
		Chromium	0.896	0.955	6%
		Iron	0.046	0.0304	AC
		Manganese	0.0199	0.0199	0%

Notes:
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%.

The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

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

DATA REVIEW REPORT

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.

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 sample detection limit (SDL). The BAL is compared to the associated sample results to determine the appropriate qualification of the sample results, if needed.

Analytes were not detected above the SDL 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 # 880-11319-1: MS/MSD analysis was performed on sample ID MW100-W-220215 for hexavalent chromium analysis. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-11397-1: MS/MSD analysis was performed on sample IDs MW085SA-W-220216, MW56SA-W-220216 and MW061-W-220216 for hexavalent chromium analysis and on sample IDs MW026-W-220216 and MW040A-220216 for chloride. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

DATA REVIEW REPORT

SDG # 880-11442-1: MS/MSD analysis was performed on sample IDs MW067SA-W-220217 and MW048SA-W-220217 for hexavalent chromium analysis and on sample IDMW067SA-W-220217. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-11468-1: MS/MSD analysis was performed on sample IDs IW023-W-220218 and MW016A-W-220218 for hexavalent chromium analysis and on sample ID MW062A-W-220218. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-11511-1: MS/MSD analysis was performed on sample IDs MW059-W-220221, MW070-W-220221 and MW031-W-220221 for hexavalent chromium analysis and on sample ID MW030-W-220221, MW099-W-220221, MW063A-W-220221 and MW031-W-220221. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

All analytes associated with MS recoveries were within control limits with the exception of the following analytes present in the table below.

SDG	Sample Location	Analytes	MS Recovery	MSD Recovery
880-11511-1	MW063A-W-220221	Chloride	570%	760%

The criteria used to evaluate MS/MSD recoveries are presented in the following table. In the case of an MS deviation, the sample results are qualified. The qualifications were applied to the parent sample result associated with this SDG.

Control limit	Sample Result	Qualification
MS percent recovery 30% to 74%	Non-detect	UJ
	Detect	J
MS percent recovery <30%	Non-detect	R
	Detect	J
MS percent recovery >125%	Non-detect	No Action
	Detect	J

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

SDG	Sample Location	Analytes	MS/MSD RPD
880-11511-1	MW063A-W-220221	Chloride	21%

The criteria used to evaluate MS/MSD RPD are presented in the following table. In the case of a MS/MSD RPD deviation, the sample results are qualified.

Control Limit	Sample Result	Qualification
> 20% (water)	Non-detect	UJ
	Detect	J

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# 880-11319-1: A laboratory duplicate analysis was performed on sample ID MW100-W-220215 for hexavalent chromium. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-11397-1: A laboratory duplicate analysis was performed on sample ID DUP01-W-220216 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-11442-1: A laboratory duplicate analysis was performed on sample ID MW051SA-W-220217 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-11468-1: A laboratory duplicate analysis was performed on sample ID MW012M-W-220218 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDG# 880-11511-1: A laboratory duplicate analysis was performed on sample ID MW043-W-220221 and DUP07-W-220221 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.

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
880-11397-1	MW061-W-220216 / DUP01-W-220216	Chloride	1090	1110	2%
		Total Dissolved Solids	4530	4550	0%
		Chromium, Hexavalent	0.85	0.825	3%
880-11442-1	MW051SA-W-220217 / Dup02-W-220217	Chloride	1060	1050	1%
		Total Dissolved Solids	3420	3460	1%
		Chromium, Hexavalent	0.821	0.811	1%
	MW049SA-W-220217 / Dup03-W-220217	Chloride	690	705	2%
		Total Dissolved Solids	2120	2260	6%

DATA REVIEW REPORT

SDGs	Sample ID/Duplicate ID	Analytes	Sample Result (mg/l)	Duplicate Result (mg/l)	RPD
		Chromium, Hexavalent	0.436	0.438	0%
880-11468-1	IW023-W-220218 / Dup04-W-220218	Chloride	609	623	2%
		Total Dissolved Solids	2980	2890	3%
		Chromium, Hexavalent	0.317	0.01 U	AC
	MW095-W-220218 / Dup05-W-220218	Chloride	1430	1410	1%
		Total Dissolved Solids	4720	4420	7%
		Chromium, Hexavalent	2.94	3.19	8%
880-11511-1	MW059-W-220221 / DUP06-W-220221	Chloride	881	776	13%
		Total Dissolved Solids	3870	4110	6%
		Chromium, Hexavalent	0.995	0.503	NC
	MW047-W-220221 / DUP07-W-220221	Chloride	604	1880	NC
		Total Dissolved Solids	1980	1880	5%
		Chromium, Hexavalent	0.0905	0.0915	1%
	MW002A-W-220221 / DUP08-W-220221	Chloride	1000	426	NC
		Total Dissolved Solids	3770	3890	3%
		Chromium, Hexavalent	0.878	0.902	3%

SDG # 880-11511-1: The Analyte Chromium, Hexavalent associated with sample locations MW059-W-220221 / DUP06-W-220221 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.

The Analyte Chloride associated with sample locations MW047-W-220221 / DUP07-W-220221 and MW002A-W-220221 / DUP08-W-220221exhibited 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%.

The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

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: 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

VALIDATION PERFORMED BY: Bhagyashree Fulzele

SIGNATURE:

DATE: April 25, 2022

PEER REVIEW: Dennis Capria

DATE: May 10, 2022

CHAIN OF CUSTODY

CORRECTED SAMPLE ANALYSIS DATA SHEETS

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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
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Work 880-11319 Chain of Custody

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	
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):	1.6/1.5	Thermometer ID	IR8	
Received Intact:	(Yes) No			
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-0.1	
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)	Work Order Notes
MW100-W-220215	W	02/15/22	1150		4			X	X	X	X	1 LITER COOL
MW086SA-W-220215	W	02/15/22	1217		4			X	X	X	X	~~250~~ 500 COOL
MW071SA-W-220215	W	02/15/22	1238		4			X	X	X	X	250 COOL
MW065SA-W-220215	W	02/15/22	1308		4			X	X	X	X	250 HNO3
MW078SA-W-220215	W	02/15/22	1332		4			X	X	X	X	
MW075SA-W-220215	W	02/15/22	1350		4			X	X	X	X	
MW084SA-W-220215	W	02/15/22	1432		4			X	X	X	X	
MW027-W-220215	W	02/15/22	1517		4			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			2/15/22 1750	2		2/16/22 800
3				4		
5				6		

Revised Date 051418 Rev. 2018.1

3/18/2022 (Rev. 1)
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Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW100-W-220215

Lab Sample ID: 880-11319-1
Matrix: Water
Date Collected: 02/15/22 11:50
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		5.00	2.00	mg/L			02/25/22 04:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00747		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:18	1
Chromium	0.000647	J	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:18	1
Iron	0.133		0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:18	1
Manganese	0.330	~~B~~	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 23:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2140		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW086SA-W-220215

Lab Sample ID: 880-11319-2
Matrix: Water
Date Collected: 02/15/22 12:17
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		5.00	2.00	mg/L			02/25/22 04:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:22	1
Chromium	0.0669		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:22	1
Iron	0.0287	J	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:22	1
Manganese	~~0.000899~~	~~J~~ UB	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3220		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0642		0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW071SA-W-220215

Lab Sample ID: 880-11319-3
Matrix: Water
Date Collected: 02/15/22 12:38
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	486		5.00	2.00	mg/L			02/25/22 05:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0102		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:25	1
Chromium	0.00286	J	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:25	1

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW071SA-W-220215

Lab Sample ID: 880-11319-3
Date Collected: 02/15/22 12:38
Matrix: Water
Date Received: 02/16/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:25	1
Manganese	**0.144**	**B**	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1310**		100	100	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW065SA-W-220215

Lab Sample ID: 880-11319-4
Date Collected: 02/15/22 13:08
Matrix: Water
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**994**		5.00	2.00	mg/L			02/25/22 05:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0119**		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:28	1
Chromium	**0.00526**		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:28	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:28	1
Manganese	**0.477**	**B**	0.00200	0.000199	mg/L		02/21/22 08:30	02/21/22 23:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2880**		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW076SA-W-220215

Lab Sample ID: 880-11319-5
Date Collected: 02/15/22 13:32
Matrix: Water
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**601**		5.00	2.00	mg/L			02/25/22 05:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0126**		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:31	1
Chromium	**0.00628**		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:31	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:31	1
Manganese	~~0.00116~~	~~J~~	UB 0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2210**		100	100	mg/L			02/17/22 17:00	1

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW076SA-W-220215
Lab Sample ID: 880-11319-5
Date Collected: 02/15/22 13:32
Matrix: Water
Date Received: 02/16/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00704	J	0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW075SA-W-220215
Lab Sample ID: 880-11319-6
Date Collected: 02/15/22 13:50
Matrix: Water
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	613		5.00	2.00	mg/L			02/25/22 05:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0134		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:34	1
Chromium	0.0155		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:34	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:34	1
Manganese	~~0.000374~~	~~J~~ UB	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2100		100	100	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0155		0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample ID: MW084SA-W-220215
Lab Sample ID: 880-11319-7
Date Collected: 02/15/22 14:32
Matrix: Water
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		5.00	2.00	mg/L			02/25/22 05:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:38	1
Chromium	0.0210		0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:38	1
Iron	0.0326	J	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:38	1
Manganese	~~0.000996~~	~~J~~ UB	0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2970		200	200	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0205		0.0100	0.00273	mg/L			02/16/22 10:04	1

Client Sample Results

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

Job ID: 880-11319-1
SDG: 30109021

Client Sample ID: MW027-W-220215

Lab Sample ID: 880-11319-8
Date Collected: 02/15/22 15:17
Matrix: Water
Date Received: 02/16/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	357		5.00	2.00	mg/L			02/25/22 06:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00782		0.00400	0.000246	mg/L		02/21/22 08:30	02/21/22 23:41	1
Chromium	0.000888	J	0.00400	0.000525	mg/L		02/21/22 08:30	02/21/22 23:41	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/21/22 08:30	02/21/22 23:41	1
Manganese	~~0.000228~~	~~J~~	UB 0.00200	0.000199	mg/L		02/21/22 08:30	02/22/22 20:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1600		100	100	mg/L			02/17/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/16/22 10:04	1

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Chain of Custody

Work Order No: 11397

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

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):	3.0/2.9	Thermometer ID	IR8
Received Intact:	Yes ☒ No ☐		
Cooler Custody Seals:	Yes ☐ No ☐ N/A ☒	Correction Factor:	-0.1
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)
MW0855A-W-220216	W	02/16/22	0910		4			X	X	X	X
EW0210-W-220216	W	02/16/22	0931		4			X	X	X	X
EW0209-W-220216	W	02/16/22	0953		4			X	X	X	X
MW0665A-W-220216	W	02/16/22	1017		4			X	X	X	X
MW0735A-W-220216	W	02/16/22	1038		4			X	X	X	X
MW0725A-W-220216	W	02/16/22	1101		4			X	X	X	X
MW0555A-W-220216	W	02/16/22	1142		4			X	X	X	X
MW0565A-W-220216	W	02/16/22	1214		4			X	X	X	X
MW0745A-W-220216	W	02/16/22	1237		4			X	X	X	X
MW0575A-W-220216	W	02/16/22	1307		4			X	X	X	X

Work Order Notes

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

Sample Comments

Liter
2-250 cool
1-250 HNO3

880-11397 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			2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

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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)

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)
MW021A-W-220216	W	02/16/22	1331		4			X	X	X	X
MW050SA-W-220216	W	02/16/22	1405		4			X	X	X	X
MW026-W-220216	W	02/16/22	1020		4			X	X	X	X
MW032-W-220216	W	02/16/22	1055		4			X	X	X	X
MW068-W-220216	W	02/16/22	1145		4			X	X	X	X
MW094W-220216	W	02/16/22	1255		4			X	X	X	X
MW061-W-220216	W	02/16/22	1340		4			X	X	X	X
MW013-W-220216	W	02/16/22	1440		4			X	X	X	X
MW040A-220216	W	02/16/22	1520		4			X	X	X	X
DUP01-W-220216	W	02/16/22	—		4			X	X	X	X

Work Order Notes

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**

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	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			2/16/22 1647	2		2/17/22 804
3				4		
5				6		

Revised Date 051418 Rev. 2018.1

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.1
Client Contact: Shipping/Receiving	Phone	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW085SA-W-220216 (880-11397-1)	2/16/22	09:10 Central		Water			X	1	
IW010-W-220216 (880-11397-2)	2/16/22	09:31 Central		Water			X	1	
~~IW008-W-220216 (880-11397-3)~~	2/16/22	09:53 Central		Water			X	1	
MW066SA-W-220216 (880-11397-4)	2/16/22	10:17 Central		Water			X	1	
MW073SA-W220216 (880-11397-5)	2/16/22	10:38 Central		Water			X	1	
MW072SA-W-220216 (880-11397-6)	2/16/22	11:01 Central		Water			X	1	
MW055SA-W-220216 (880-11397-7)	2/16/22	11:42 Central		Water			X	1	
MW56SA-W-220216 (880-11397-8)	2/16/22	12:14 Central		Water			X	1	
MW074SA-W-220216 (880-11397-9)	2/16/22	12:37 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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	Company
Kramer	2/17/22 1700			2/18/22 10:00	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: R 0.0 4/4

Ver: 06/08/2021

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s)	COC No: 880-3824.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW040A-220216 (880-11397-19)	2/16/22	15:20 Central		Water			X	1	
DUP01-W-220216 (880-11397-20)	2/16/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: 2/17/22 17:0	Company	Received by	Date/Time: 2-18-22 10:00	Company	
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: 1.2 0.0 / 4/4

Ver: 06/08/2021

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW085SA-W-220216 (880-11397-1)	2/16/22	09:10 Central		Water			X	1	
IW010-W-220216 (880-11397-2)	2/16/22	09:31 Central		Water			X	1	
~~IW008-W-220216 (880-11397-3)~~	2/16/22	09:53 Central		Water			X	1	
MW066SA-W-220216 (880-11397-4)	2/16/22	10:17 Central		Water			X	1	
MW073SA-W220216 (880-11397-5)	2/16/22	10:38 Central		Water			X	1	
MW072SA-W-220216 (880-11397-6)	2/16/22	11:01 Central		Water			X	1	
MW055SA-W-220216 (880-11397-7)	2/16/22	11:42 Central		Water			X	1	
MW56SA-W-220216 (880-11397-8)	2/16/22	12:14 Central		Water			X	1	
MW074SA-W-220216 (880-11397-9)	2/16/22	12:37 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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	Company
[signature]	2/17/22 1700		[signature]	2/18/22 10:00	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Relinquished by	Date/Time	Company	Received by	Date/Time	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 1.2 0.0 4 4

Ver: 06/08/2021

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3824.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11397-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/23/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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, 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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW040A-220216 (880-11397-19)	2/16/22	15:20 Central		Water			X	1	
DUP01-W-220216 (880-11397-20)	2/16/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon out 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 complicance 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		2/17/22 1705			2-18-22 10:00	
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: 1.2 0.0 / 4/4

Ver: 06/08/2021

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2/28/2022
Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3827 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11397 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/23/2022			
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#:			

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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other

Sample Identification Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Wwater, 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	Total Number of containers	Special Instructions/Note
			Preservation Code:							
MW085SA-W-220216 (880-11397-1)	2/16/22	09:10 Central		Water			X	X	2	
IW010-W-220216 (880-11397-2)	2/16/22	09:31 Central		Water			X	X	2	
IW008-W-220216 (880-11397-3)	2/16/22	09:53 Central		Water			X	X	2	
MW066SA-W-220216 (880-11397-4)	2/16/22	10.17 Central		Water			X	X	2	
MW073SA-W220216 (880-11397-5)	2/16/22	10:38 Central		Water			X	X	2	
MW072SA-W-220216 (880-11397-6)	2/16/22	11 01 Central		Water			X	X	2	
MW055SA-W-220216 (880-11397 7)	2/16/22	11.42 Central		Water			X	X	2	
MW56SA-W-220216 (880-11397-8)	2/16/22	12.14 Central		Water			X	X	2	
MW074SA-W-220216 (880-11397-9)	2/16/22	12.37 Central		Water			X	X	2	

Temp. 2.2 IR ID HOU-223
C/F:-0.1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
Row 1	Hereia Rodriguez			FedEx		
Row 2	FedEx				2/18/2022 10:51	EX
Row 3						

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Burles, John	Carrier Tracking No(s):	COC No: 880-3827.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.burles@eurofinset.com	State of Origin: Texas	Page: Page 2 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11397-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/23/2022			
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 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 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW057SA-W-220216 (880-11397 10)	2/16/22	13.07 Central		Water			X	X	2	
MW021A-W-220216 (880-11397 11)	2/16/22	13:31 Central		Water			X	X	2	
MW050SA-W220216 (880-11397 12)	2/16/22	14.05 Central		Water			X	X	2	
MW026-W-220216 (880-11397-13)	2/16/22	10:25 Central		Water			X	X	2	
MW032-W-220216 (880-11397 14)	2/16/22	10:55 Central		Water			X	X	2	
MW068-W-220216 (880-11397 15)	2/16/22	11:45 Central		Water			X	X	2	
MW094-W-220216 (880-11397 16)	2/16/22	12 55 Central		Water			X	X	2	
MW061-W-220216 (880-11397 17)	2/16/22	13:40 Central		Water			X	X	2	
MW013-W-220216 (880-11397 18)	2/16/22	14:40 Central		Water			X	X	2	

Temp. 2.2 IR ID:HOU-223
C/F: -0.1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: 2/18/2022 10:51	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:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3827 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 3 of 3
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11397 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/23/2022			
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, 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW040A-220216 (880-11397 19)	2/16/22	15:20 Central		Water			X	X	2	
DUP01-W-220216 (880-11397-20)	2/16/22	Central		Water			X	X	2	

Temp: 2.2 IR ID-HOU-223
C/F: -0.1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: 2/18/2022 10:51	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:

Ver: 06/08/2021

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW085SA-W-220216 Lab Sample ID: 880-11397-1

Date Collected: 02/16/22 09:10 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		5.00	2.00	mg/L			02/25/22 23:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0151		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:09	1
Chromium	0.0346		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:09	1
Iron	0.0276	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:09	1
Manganese	0.0609		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3610		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0254		0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: IW010-W-220216 Lab Sample ID: 880-11397-2

Date Collected: 02/16/22 09:31 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		5.00	2.00	mg/L			02/25/22 23:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00792		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:31	1
Chromium	0.00231	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:31	1
Iron	12.0		5.00	1.14	mg/L		02/22/22 10:00	02/23/22 13:27	50
Manganese	7.98		0.100	0.00993	mg/L		02/22/22 10:00	02/23/22 13:27	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3700		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: IW008-W-220216 Lab Sample ID: 880-11397-3

Date Collected: 02/16/22 09:53 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	873		5.00	2.00	mg/L			02/25/22 23:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00964		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:34	1
Chromium	0.00453		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:34	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: IW008-W-220216 Lab Sample ID: 880-11397-3

Date Collected: 02/16/22 09:53 **Matrix: Water**
Date Received: 02/17/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	4.12		0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:34	1
Manganese	1.74		0.100	0.00993	mg/L		02/22/22 10:00	02/23/22 13:30	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2660		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW066SA-W-220216 Lab Sample ID: 880-11397-4

Date Collected: 02/16/22 10:17 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		5.00	2.00	mg/L			02/25/22 23:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00829		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:38	1
Chromium	0.0198		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:38	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:38	1
Manganese	0.0432		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2510		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0200		0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW073SA-W220216 Lab Sample ID: 880-11397-5

Date Collected: 02/16/22 10:38 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	402		5.00	2.00	mg/L			02/26/22 00:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:41	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:41	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:41	1
Manganese	0.00111	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1410		100	100	mg/L			02/19/22 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW073SA-W220216 Lab Sample ID: 880-11397-5

Date Collected: 02/16/22 10:38 **Matrix: Water**
Date Received: 02/17/22 08:04

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW072SA-W-220216 Lab Sample ID: 880-11397-6

Date Collected: 02/16/22 11:01 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		5.00	2.00	mg/L			02/26/22 00:16	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0156**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:44	1
Chromium	**0.000553**	**J**	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:44	1
Iron	**0.0711**	**J**	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:44	1
Manganese	**0.00234**		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1160**		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW055SA-W-220216 Lab Sample ID: 880-11397-7

Date Collected: 02/16/22 11:42 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**704**		5.00	2.00	mg/L			02/26/22 00:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00754**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:47	1
Chromium	**0.181**		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:47	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:47	1
Manganese	**0.000452**	**J**	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1890**		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.175**		0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW56SA-W-220216 Lab Sample ID: 880-11397-8

Date Collected: 02/16/22 12:14 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		5.00	2.00	mg/L			02/26/22 01:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0143		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:50	1
Chromium	0.308		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:50	1
Iron	0.0556	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:50	1
Manganese	0.00107	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3460		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.286		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW074SA-W-220216 Lab Sample ID: 880-11397-9

Date Collected: 02/16/22 12:37 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	730		5.00	2.00	mg/L			02/26/22 01:14	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0137		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:54	1
Chromium	0.0132		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:54	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:54	1
Manganese	0.000562	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2430		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0120		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW057SA-W-220216 Lab Sample ID: 880-11397-10

Date Collected: 02/16/22 13:07 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	271		5.00	2.00	mg/L			02/26/22 01:26	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0129		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 22:57	1
Chromium	0.0145		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 22:57	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW057SA-W-220216 Lab Sample ID: 880-11397-10

Date Collected: 02/16/22 13:07 **Matrix: Water**
Date Received: 02/17/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 22:57	1
Manganese	**0.000901**	**J**	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 22:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1440**		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.0115**		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW021A-W-220216 Lab Sample ID: 880-11397-11

Date Collected: 02/16/22 13:31 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2620**		5.00	2.00	mg/L			02/26/22 01:38	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0106**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:00	1
Chromium	**0.00259**	**J**	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:00	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:00	1
Manganese	**0.0211**		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**5750**		500	500	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW050SA-W220216 Lab Sample ID: 880-11397-12

Date Collected: 02/16/22 14:05 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1290**		5.00	2.00	mg/L			02/26/22 01:49	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00989**		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:09	1
Chromium	**0.430**		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:09	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:09	1
Manganese	**0.0123**		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3580**		200	200	mg/L			02/19/22 16:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW050SA-W220216 Lab Sample ID: 880-11397-12

Date Collected: 02/16/22 14:05 **Matrix: Water**
Date Received: 02/17/22 08:04

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.221		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW026-W-220216 Lab Sample ID: 880-11397-13

Date Collected: 02/16/22 10:25 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.5		0.500	0.200	mg/L			02/26/22 02:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00872		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:13	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:13	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:13	1
Manganese	0.000447	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	836		50.0	50.0	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample ID: MW032-W-220216 Lab Sample ID: 880-11397-14

Date Collected: 02/16/22 10:55 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	372		5.00	2.00	mg/L			02/26/22 02:36	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00359	J	0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:16	1
Chromium	0.00261	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:16	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:16	1
Manganese	0.000779	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2080		100	100	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 09:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW068-W-220216 Lab Sample ID: 880-11397-15

Date Collected: 02/16/22 11:45 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6400		50.0	20.0	mg/L			02/26/22 02:47	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0161	J	0.0400	0.00246	mg/L		02/22/22 10:00	02/23/22 13:33	10
Chromium	<0.00525	U	0.0400	0.00525	mg/L		02/22/22 10:00	02/23/22 13:33	10
Iron	0.525	J	1.00	0.227	mg/L		02/22/22 10:00	02/23/22 13:33	10
Manganese	3.66		0.0200	0.00199	mg/L		02/22/22 10:00	02/23/22 13:33	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	10200		500	500	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW094-W-220216 Lab Sample ID: 880-11397-16

Date Collected: 02/16/22 12:55 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	637		5.00	2.00	mg/L			02/26/22 03:22	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:22	1
Chromium	0.316		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:22	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:22	1
Manganese	0.0302		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3990		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.163		0.0100	0.00273	mg/L			02/17/22 10:16	1

Client Sample ID: MW061-W-220216 Lab Sample ID: 880-11397-17

Date Collected: 02/16/22 13:40 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		5.00	2.00	mg/L			02/26/22 03:34	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0108		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:25	1
Chromium	0.824		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:25	1

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW061-W-220216 Lab Sample ID: 880-11397-17

Date Collected: 02/16/22 13:40 **Matrix: Water**
Date Received: 02/17/22 08:04

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0292	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:25	1
Manganese	0.0205		0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4530		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.850		0.0500	0.0137	mg/L			02/17/22 11:15	5

Client Sample ID: MW013-W-220216 Lab Sample ID: 880-11397-18

Date Collected: 02/16/22 14:40 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	897		5.00	2.00	mg/L			02/26/22 03:45	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00717		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:29	1
Chromium	1.22		0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:29	1
Iron	0.0382	J	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:29	1
Manganese	0.000611	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3500		200	200	mg/L			02/19/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.13		0.100	0.0273	mg/L			02/17/22 11:15	10

Client Sample ID: MW040A-220216 Lab Sample ID: 880-11397-19

Date Collected: 02/16/22 15:20 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		0.500	0.200	mg/L			02/26/22 03:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0204		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:32	1
Chromium	0.00233	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/22/22 23:32	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/22/22 23:32	1
Manganese	0.000274	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/22/22 23:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	516		50.0	50.0	mg/L			02/19/22 16:00	1

Eurofins Midland

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-11397-1
Project/Site: Eunice Project - N Eunice

Client Sample ID: MW040A-220216 Lab Sample ID: 880-11397-19

Date Collected: 02/16/22 15:20 **Matrix: Water**
Date Received: 02/17/22 08:04

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00853	J	0.0100	0.00273	mg/L			02/17/22 11:15	1

Client Sample ID: DUP01-W-220216 Lab Sample ID: 880-11397-20

Date Collected: 02/16/22 00:00 **Matrix: Water**
Date Received: 02/17/22 08:04

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1110		5.00	2.00	mg/L			02/26/22 04:32	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0107		0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:35	1
Chromium	0.815		0.0200	0.00262	mg/L		02/22/22 10:00	02/23/22 13:40	5
Iron	<0.114	U	0.500	0.114	mg/L		02/22/22 10:00	02/23/22 13:40	5
Manganese	0.0190		0.0100	0.000993	mg/L		02/22/22 10:00	02/23/22 13:40	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4550		200	200	mg/L			02/21/22 16:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.825	~~H H3~~	0.0500	0.0137	mg/L			02/17/22 09:00	5

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Chain of Custody

Work Order No: 111442

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 2

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	
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)
MW0515A-W-220217	W	02/17/22	0812		4			X	X	X	X
MW0675A-W-220217	W	02/17/22	0841		4			X	X	X	X
MW0795A-W-220217	W	02/17/22	0923		4			X	X	X	X
TW0003-W-220217	W	02/17/22	0951		4			X	X	X	X
MW0545A-W-220217	W	02/17/22	1025		4			X	X	X	X
MW0525A-W-220217	W	02/17/22	1057		4			X	X	X	X
MW0485A-W-220217	W	02/17/22	1129		4			X	X	X	X
MW0455A-W-220217	W	02/17/22	1252		4			X	X	X	X
MW0411A-W-220217	W	02/17/22	1339		4			X	X	X	X
DUP02-W-220217	W	02/17/22	—		4			X	X	X	X

Work Order Notes

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

Sample Comments

Lite Cool
250 HNO3
2-250 Cool

880-11442 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 Jerry Longwell		02/17/22 1757	2		2/18/22 8:30
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 3/29/2023 1:11:13 PM
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2/28/2022
Released to Imaging: 4/10/2023 11:55:37 AM

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Chain of Custody

Work Order No: 11442

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

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)
DUP03-W-220217	W	02/17/22			4			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

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 Kimp S. Longwell		02/17/22 1750	2		2/18/22 8:30
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM
2/28/2022
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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW0515A-W-220217 (880-11442-1)	2/17/22	08:12 Central		Water			X	1	
MW0675A-W-220217 (880-11442-2)	2/17/22	08:41 Central		Water			X	1	
MW0795A-W-220217 (880-11442-3)	2/17/22	09:23 Central		Water			X	1	
IW003-W-220217 (880-11442-4)	2/17/22	09:51 Central		Water			X	1	
MW0545A-W-220217 (880-11442-5)	2/17/22	10:28 Central		Water			X	1	
MW0525A-W-220217 (880-11442-6)	2/17/22	10:57 Central		Water			X	1	
MW0485A-W-220217 (880-11442-7)	2/17/22	11:29 Central		Water			X	1	
MW0495A-W-220217 (880-11442-8)	2/17/22	12:52 Central		Water			X	1	
MW041A-W-220217 (880-11442-9)	2/17/22	13:39 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
Relinquished by: Alfredo Rodriguez	Date/Time	Company	Received by	Date/Time: 2-22-22 9:30	Company: EPSO
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: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
Dup02-W-220217 (880-11442-10)	2/17/22	Central		Water			X	1	
Dup03-W-220217 (880-11442-11)	2/17/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Estrella Rodriguez	Date/Time:	Company	Received by:		Date/Time: 2-22-22 9:30	Company EPMID	
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: 3/29/2023 1:11:13 PM

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2/28/2022

Released to Imaging: 4/10/2023 11:55:37 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 America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd , Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	Project #: 88000209			
Site:	SSOW#:			

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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW0515A-W-220217 (880-11442-1)	2/17/22	08:12 Central		Water			X	1	
MW0675A-W-220217 (880-11442-2)	2/17/22	08:41 Central		Water			X	1	
MW0795A-W-220217 (880-11442-3)	2/17/22	09:23 Central		Water			X	1	
IW003-W-220217 (880-11442-4)	2/17/22	09:51 Central		Water			X	1	
MW0545A-W-220217 (880-11442-5)	2/17/22	10:28 Central		Water			X	1	
MW0525A-W-220217 (880-11442-6)	2/17/22	10:57 Central		Water			X	1	
MW0485A-W-220217 (880-11442-7)	2/17/22	11:29 Central		Water			X	1	
MW0495A-W-220217 (880-11442-8)	2/17/22	12:52 Central		Water			X	1	
MW041A-W-220217 (880-11442-9)	2/17/22	13:39 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change. Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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
Relinquished by: Rivera Rodriguez				2-22-22 9:30	APSO
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: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

2/28/2022

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3834.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11442-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/24/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(Tel)	PO #:			
Email:	WO #:			
Project Name: Eunice Project-N. Eunice	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
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
Preservation Code:									
Dup02-W-220217 (880-11442-10)	2/17/22	Central		Water			X	1	
Dup03-W-220217 (880-11442-11)	2/17/22	Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Patricia Rodriguez	Date/Time:	Company	Received by:	Date/Time: 2-22-22 9:30	Company: EPASO		
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: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM
2/28/2022
Page 30 of 36

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3833.1
Client Contact: Shipping/Receiving	Phone:	E-Mail john builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11442-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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, Z other (specify)
Other:

Temp. 2.2 IR ID:HOU-223
C/F:-0.1
Corrected Temp: 2.1

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	Total Number of Containers	Special Instructions/Note:
			Preservation Code:							
MW0515A-W-220217 (880-11442-1)	2/17/22	08:12 Central		Water			X	X	2	
MW0675A-W-220217 (880-11442-2)	2/17/22	08:41 Central		Water			X	X	2	
MW0795A-W-220217 (880-11442-3)	2/17/22	09:23 Central		Water			X	X	2	
IW003-W-220217 (880-11442-4)	2/17/22	09:51 Central		Water			X	X	2	
MW0545A-W-220217 (880-11442-5)	2/17/22	10:28 Central		Water			X	X	2	
MW0525A-W-220217 (880-11442-6)	2/17/22	10:57 Central		Water			X	X	2	
MW0485A-W-220217 (880-11442-7)	2/17/22	11:29 Central		Water			X	X	2	
MW0495A-W-220217 (880-11442-8)	2/17/22	12:52 Central		Water			X	X	2	
MW041A-W-220217 (880-11442-9)	2/17/22	13:39 Central		Water			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 out 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 complicance 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
Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/22/2022 10:10	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-3833.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11442-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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, 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)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Perform MS/MSD (Yes or No)	Special Instructions/Note:
Dup02-W-220217 (880-11442-10)	2/17/22	Central		Water		X	X		
Dup03-W-220217 (880-11442-11)	2/17/22	Central		Water		X	X		

Temp: 2.2 IR ID:HOU-223
C/F:-0 1
Corrected Temp: 2.1

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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	Relinquished by: FedEx	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 2/22/2022 10:10	Company EX
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

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW051SA-W-220217

Lab Sample ID: 880-11442-1
Matrix: Water
Date Collected: 02/17/22 08:12
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		5.00	2.00	mg/L			02/25/22 22:09	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0116	~~F1~~	0.00400	0.000246	mg/L		02/22/22 10:00	02/22/22 23:57	1
Chromium	0.749		0.0200	0.00262	mg/L		02/22/22 10:00	02/23/22 13:52	5
Iron	<0.114	U	0.500	0.114	mg/L		02/22/22 10:00	02/23/22 13:52	5
Manganese	0.00634	J	0.0100	0.000993	mg/L		02/22/22 10:00	02/23/22 13:52	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3420		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.821	~~H~~	0.100	0.0273	mg/L			02/18/22 08:20	10

Client Sample ID: MW067SA-W-220217

Lab Sample ID: 880-11442-2
Matrix: Water
Date Collected: 02/17/22 08:41
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		0.500	0.200	mg/L			02/26/22 09:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0193		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:20	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:20	1
Iron	0.0785	J	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:20	1
Manganese	0.00167	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	965		50.0	50.0	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U ~~H~~	0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW079SA-W-220217

Lab Sample ID: 880-11442-3
Matrix: Water
Date Collected: 02/17/22 09:23
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	345		5.00	2.00	mg/L			02/26/22 09:57	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:23	1
Chromium	0.000559	J	0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:23	1

Eurofins Midland

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW079SA-W-220217

Lab Sample ID: 880-11442-3
Matrix: Water
Date Collected: 02/17/22 09:23
Date Received: 02/18/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0703	J	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:23	1
Manganese	0.0199		0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1350		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: IW003-W-220217

Lab Sample ID: 880-11442-4
Matrix: Water
Date Collected: 02/17/22 09:51
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	938		5.00	2.00	mg/L			02/26/22 10:09	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:26	1
Chromium	0.00463		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:26	1
Iron	4.40		0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:26	1
Manganese	4.08		0.100	0.00993	mg/L		02/22/22 10:00	02/23/22 14:02	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2140		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW054SA-W-220217

Lab Sample ID: 880-11442-5
Matrix: Water
Date Collected: 02/17/22 10:28
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	885		5.00	2.00	mg/L			02/26/22 10:20	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0109		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:29	1
Chromium	0.121		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:29	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:29	1
Manganese	0.000793	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2170		200	200	mg/L			02/22/22 17:00	1

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW054SA-W-220217

Lab Sample ID: 880-11442-5
Date Collected: 02/17/22 10:28
Matrix: Water
Date Received: 02/18/22 08:30

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.115		0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW052SA-W-220217

Lab Sample ID: 880-11442-6
Date Collected: 02/17/22 10:57
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470		5.00	2.00	mg/L			02/26/22 10:32	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0136		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:33	1
Chromium	0.242		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:33	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:33	1
Manganese	0.000451	J	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3220		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.232		0.0100	0.00273	mg/L			02/18/22 08:20	1

Client Sample ID: MW048SA-W-220217

Lab Sample ID: 880-11442-7
Date Collected: 02/17/22 11:29
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1390		5.00	2.00	mg/L			02/26/22 11:07	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0122		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:32	1
Chromium	0.254		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:32	1
Iron	0.0251	J	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:32	1
Manganese	0.000842	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3130		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.229		0.0100	0.00273	mg/L			02/18/22 10:00	1

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: MW049SA-W-220217

Lab Sample ID: 880-11442-8
Date Collected: 02/17/22 12:52
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		5.00	2.00	mg/L			02/26/22 11:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0111		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:36	1
Chromium	0.450		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:36	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:36	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2120		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.436		0.0100	0.00273	mg/L			02/18/22 10:00	1

Client Sample ID: MW041A-W-220217

Lab Sample ID: 880-11442-9
Date Collected: 02/17/22 13:39
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	436		5.00	2.00	mg/L			02/26/22 11:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0108		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:55	1
Chromium	0.197		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:55	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:55	1
Manganese	0.00175	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1660		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.177		0.0100	0.00273	mg/L			02/18/22 10:00	1

Client Sample ID: Dup02-W-220217

Lab Sample ID: 880-11442-10
Date Collected: 02/17/22 00:00
Matrix: Water
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1050		5.00	2.00	mg/L			02/26/22 11:41	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000246	mg/L		02/22/22 10:00	02/23/22 00:39	1
Chromium	0.776		0.00400	0.000525	mg/L		02/22/22 10:00	02/23/22 00:39	1

Client Sample Results

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

Job ID: 880-11442-1
SDG: 30109021

Client Sample ID: Dup02-W-220217

Lab Sample ID: 880-11442-10
Matrix: Water
Date Collected: 02/17/22 00:00
Date Received: 02/18/22 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0530	J	0.100	0.0227	mg/L		02/22/22 10:00	02/23/22 00:39	1
Manganese	0.00613		0.00200	0.000199	mg/L		02/22/22 10:00	02/23/22 00:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3460		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.811	~~H~~	0.100	0.0273	mg/L			02/18/22 08:20	10

Client Sample ID: Dup03-W-220217

Lab Sample ID: 880-11442-11
Matrix: Water
Date Collected: 02/17/22 00:00
Date Received: 02/18/22 08:30

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	705		5.00	2.00	mg/L			02/26/22 11:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 17:58	1
Chromium	0.478		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 17:58	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 17:58	1
Manganese	<0.000199	U	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 17:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2260		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.438	~~H H3~~	0.0100	0.00273	mg/L			02/18/22 10:00	1

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XENCO LABORATORIES

Chain of Custody

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)

880-11468 Chain of Custody

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):	4.7/4.6	Thermometer ID	IR2
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1
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)
EUNICE-W-220218	W	02/18/22	0847		4			X	X	X	X
MW093SA-W-220218	W	02/18/22	0918		4			X	X	X	X
MW070A-W-220218	W	02/18/22	0988		4			X	X	X	X
MW019A-W-220218	W	02/18/22	1012		4			X	X	X	X
MW018-W-220218	W	02/18/22	1148		4			X	X	X	X
MW068A-W-220218	W	02/18/22	1226		4			X	X	X	X
MW028A-W-220218	W	02/18/22	1248		4			X	X	X	X
DUP04-W-220218	W	02/18/22	—		4			X	X	X	X

ANALYSIS REQUEST

Work Order Notes

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	2	02/18/22/1620	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 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: 114668

www.xenco.com Page 2 of 2

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):	4.7/4.6	Thermometer ID		
Received Intact:	(Yes) No	IR8		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-.1	
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)
MW015A-W-220218	W	2-18-22	1030	—	4			X	X	X	X
MW012A-W-220218	W	2-18-22	1110	—	4			X	X	X	X
MW088M-W-220218	W	2-18-22	1130	—	4			X	X	X	X
MW095-W-220218	W	2-18-22	1311	—	4			X	X	X	X
DUP05-W-220218	W	2-18-22	—	—	4			X	X	X	X
MW060-W-220218	W	2-18-22	1341	—	4			X	X	X	X
MW010-W-220218	W	2-18-22	0947	—	4			X	X	X	X
MW016A-W-220218	W	2-18-22	1010	—	4			X	X	X	X

Work Order Notes

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		2-18 22/1620	2		
3			4		
5			6		

Revised Date 051418 Rev 2018 1

Received by OCD: 3/29/2023 1:11:13 PM

3/17/2022 (Rev. 1)

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Released to Imaging: 4/10/2023 11:55:37 AM

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3846.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11468-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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	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
I Ice	U Acetone
J DI Water	V MCAA
K EDTA	W pH 4-5
L EDA	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										Total Number of containers	Special Instructions/Note:
			Preservation Code:																
IW023-W-220218 (880-11468-1)	2/18/22	08:42 Central		Water			X	X										2	
MW0935A-W-220218 (880-11468-2)	2/18/22	09:18 Central		Water			X	X										2	
MW070A-W-220218 (880-11468-3)	2/18/22	09:48 Central		Water			X	X										2	
MW019A-W-220218 (880-11468-4)	2/18/22	10:12 Central		Water			X	X										2	
MW018-W-220218 (880-11468-5)	2/18/22	11:48 Central		Water			X	X										2	
MW062A-W-220218 (880-11468-6)	2/18/22	12:26 Central		Water			X	X										2	
MW024A-W-220218 (880-11468-7)	2/18/22	12:48 Central		Water			X	X										2	
Dup04-W-220218 (880-11468-8)	2/18/22	Central		Water			X	X										2	
MW015A-W-220218 (880-11468-9)	2/18/22	10:30 Central		Water			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 out 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:	Date/Time:	Company
	Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/22/2022 10:10	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: IR ID:HOU-223 Temp 2.5 C/F:-0.1 Corrected Temp: 2.4

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3846.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11468-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/24/2022			
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	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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)	Total Number of containers	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Special Instructions/Note:
MW012A-W-220218 (880-11468-10)	2/18/22	11 10 Central		Water		X	X	
MW088A-W-220218 (880-11468-11)	2/18/22	11 30 Central		Water		X	X	
MW095-W-220218 (880-11468-12)	2/18/22	13:11 Central		Water		X	X	
Dup05-W-220218 (880-11468-13)	2/18/22	Central		Water		X	X	
MW060-W-220218 (880-11468-14)	2/18/22	13:41 Central		Water		X	X	
MW010-W-220218 (880-11468-15)	2/18/22	09:47 Central		Water		X	X	
MW016A-W-220218 (880-11468-16)	2/18/22	10:10 Central		Water		X	X	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Victoria Rodriguez	Date/Time:	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time:	Company	Received by: Pedro Palmon	Date/Time: 2/22/2022 10:10	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: 2.5 IR ID HOU-223 C/F: -0.1 Corrected Temp: 2.4

er 06/08/2021

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: IW023-W-220218

Lab Sample ID: 880-11468-1
Matrix: Water
Date Collected: 02/18/22 08:42
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	609		5.00	2.00	mg/L			02/28/22 13:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:01	1
Chromium	0.333		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:01	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:01	1
Manganese	0.000806	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2980		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.317		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW093SA-W-220218

Lab Sample ID: 880-11468-2
Matrix: Water
Date Collected: 02/18/22 09:18
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	936		5.00	2.00	mg/L			02/28/22 14:06	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00849		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:04	1
Chromium	0.475		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:04	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:04	1
Manganese	0.0114		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3600		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.439		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW020A-W-220218

Lab Sample ID: 880-11468-3
Matrix: Water
Date Collected: 02/18/22 09:48
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	975		5.00	2.00	mg/L			02/28/22 14:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0105		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:07	1
Chromium	0.00829		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:07	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW020A-W-220218

Lab Sample ID: 880-11468-3
Date Collected: 02/18/22 09:48
Matrix: Water
Date Received: 02/18/22 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:07	1
Manganese	**0.00145**	**J**	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2310**		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.00853**	**J**	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW019A-W-220218

Lab Sample ID: 880-11468-4
Date Collected: 02/18/22 10:12
Matrix: Water
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**378**		5.00	2.00	mg/L			02/28/22 14:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0117**		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:11	1
Chromium	**0.000738**	**J**	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:11	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:11	1
Manganese	**0.00184**	**J**	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1290**		100	100	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW018-W-220218

Lab Sample ID: 880-11468-5
Date Collected: 02/18/22 11:48
Matrix: Water
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**199**		5.00	2.00	mg/L			02/28/22 14:42	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0103**		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:14	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:14	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:14	1
Manganese	**0.000705**	**J**	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1140**		50.0	50.0	mg/L			02/22/22 17:00	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW018-W-220218

Lab Sample ID: 880-11468-5
Matrix: Water
Date Collected: 02/18/22 11:48
Date Received: 02/18/22 16:20

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW062A-W-220218

Lab Sample ID: 880-11468-6
Matrix: Water
Date Collected: 02/18/22 12:26
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		0.500	0.200	mg/L			02/28/22 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0240		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:17	1
Chromium	0.00201	J	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:17	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:17	1
Manganese	0.000302	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	498		50.0	50.0	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.422		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW024A-W-220218

Lab Sample ID: 880-11468-7
Matrix: Water
Date Collected: 02/18/22 12:48
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	966		5.00	2.00	mg/L			02/28/22 03:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0115		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:20	1
Chromium	0.437		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:20	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:20	1
Manganese	0.000622	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2560		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.315		0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: Dup04-W-220218

Lab Sample ID: 880-11468-8
Matrix: Water
Date Collected: 02/18/22 00:00
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	623		5.00	2.00	mg/L			02/28/22 03:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0100		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:23	1
Chromium	0.322		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:23	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:23	1
Manganese	0.00124	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	2890		200	200	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW015A-W-220218

Lab Sample ID: 880-11468-9
Matrix: Water
Date Collected: 02/18/22 10:30
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3000		5.00	2.00	mg/L			02/28/22 04:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00980		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:33	1
Chromium	0.00569		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:33	1
Iron	0.227		0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:33	1
Manganese	0.0179		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	6820		500	500	mg/L			02/22/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW012M-W-220218

Lab Sample ID: 880-11468-10
Matrix: Water
Date Collected: 02/18/22 11:10
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		5.00	2.00	mg/L			02/28/22 04:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0303		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:36	1
Chromium	0.0161		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:36	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW012M-W-220218

Lab Sample ID: 880-11468-10
Matrix: Water
Date Collected: 02/18/22 11:10
Date Received: 02/18/22 16:20

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	19.0		2.00	0.455	mg/L		02/23/22 09:30	02/24/22 16:37	20
Manganese	0.326		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3730		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 18:32	1

Client Sample ID: MW088M-W-220218

Lab Sample ID: 880-11468-11
Matrix: Water
Date Collected: 02/18/22 11:30
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		5.00	2.00	mg/L			02/28/22 04:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0144		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:39	1
Chromium	0.0986		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:39	1
Iron	12.6		1.00	0.227	mg/L		02/23/22 09:30	02/24/22 16:43	10
Manganese	1.49		0.0200	0.00199	mg/L		02/23/22 09:30	02/24/22 16:43	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4090		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 19:32	1

Client Sample ID: MW095-W-220218

Lab Sample ID: 880-11468-12
Matrix: Water
Date Collected: 02/18/22 13:11
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		5.00	2.00	mg/L			02/28/22 05:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00905		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:42	1
Chromium	3.46		0.200	0.0262	mg/L		02/23/22 09:30	02/24/22 16:50	50
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:42	1
Manganese	0.131		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4720		200	200	mg/L			02/23/22 17:00	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW095-W-220218

Lab Sample ID: 880-11468-12
Matrix: Water
Date Collected: 02/18/22 13:11
Date Received: 02/18/22 16:20

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.94		0.100	0.0273	mg/L			02/18/22 19:33	10

Client Sample ID: Dup05-W-220218

Lab Sample ID: 880-11468-13
Matrix: Water
Date Collected: 02/18/22 00:00
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1410		5.00	2.00	mg/L			02/28/22 05:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00898		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:46	1
Chromium	3.67		0.400	0.0525	mg/L		02/23/22 09:30	02/23/22 18:58	100
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:46	1
Manganese	0.127		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4420		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	3.19		0.100	0.0273	mg/L			02/18/22 19:32	10

Client Sample ID: MW060-W-220218

Lab Sample ID: 880-11468-14
Matrix: Water
Date Collected: 02/18/22 13:41
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1430		5.00	2.00	mg/L			02/28/22 05:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00230	J	0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:49	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:49	1
Iron	0.398		0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:49	1
Manganese	6.56		0.200	0.0199	mg/L		02/23/22 09:30	02/23/22 19:02	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3540		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/18/22 19:32	1

Client Sample Results

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

Job ID: 880-11468-1
SDG: 30109021

Client Sample ID: MW010-W-220218

Lab Sample ID: 880-11468-15
Matrix: Water
Date Collected: 02/18/22 09:47
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2400		5.00	2.00	mg/L			02/28/22 05:39	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00791		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:52	1
Chromium	0.0103		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:52	1
Iron	0.0286	J	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:52	1
Manganese	0.00894		0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4700		200	200	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00953	J	0.0100	0.00273	mg/L			02/18/22 19:32	1

Client Sample ID: MW016A-W-220218

Lab Sample ID: 880-11468-16
Matrix: Water
Date Collected: 02/18/22 10:10
Date Received: 02/18/22 16:20

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	672		5.00	2.00	mg/L			02/28/22 05:51	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00965		0.00400	0.000246	mg/L		02/23/22 09:30	02/23/22 18:55	1
Chromium	0.0105		0.00400	0.000525	mg/L		02/23/22 09:30	02/23/22 18:55	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/23/22 09:30	02/23/22 18:55	1
Manganese	0.000408	J	0.00200	0.000199	mg/L		02/23/22 09:30	02/23/22 18:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1460		100	100	mg/L			02/23/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0105		0.0100	0.00273	mg/L			02/18/22 19:32	1

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

880-11511 Chain of Custody

3/18/2022 (Rev. 1)

Client Information	Sampler: Cindy S. Longwell	Lab PM: Builes John	Carrier Tracking No(s):	Page: Page 1 of 4
Client Contact: ~~Callum Ferguson~~ Andrea D. Moreno	Phone: 432-288-0876	E-Mail: john.builes@eurofinset.com	State of Origin:	Job #: 11511
Company: ARCADIS U S Inc	PWSID:			
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days):			
State, Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 206-295-3273(Tel)	PO #: Purchase Order not required			
Email: andrea.demoreno@arcadis.com ~~Callum.Ferguson@arcadis.com~~	WO #:			
Project Name: Eunice Project	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A Local Method	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	D	N	A	A	N		
MW048-W-220221	02/21/22	1153	G	Water			X	X	X	X	X	X	9	
EW019-W-220221	02/21/22	1224	G	Water			X	X	X	X	X	X	9	
MW037-W-220221	02/21/22	1332	G	Water			X	X	X	X	X	X	9	
MW001-W-220221	02/21/22	1353	G	Water			X	X	X	X	X	X	9	
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Deliverable Requested I II III IV Other (specify)

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For ____ Months

Special Instructions/QC Requirements: 2.4/2.5 IDS

Empty Kit Relinquished by:	Date	Time	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
	2-21-22/1745	Arcadis		2/21/22 1745	
Relinquished by	Date/Time	Company	Received by	Date/Time	Company
				2/22/22 0800	
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: 01/16/2019

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Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing Americ

Client Information	Sampler: Jerry S. Longwell	Lab PM: Builes John	Carrier Tracking No(s):	COC No.: 880-2515-111 1
Client Contact: ~~Callum Ferguson~~ Andrew DeMerco	Phone: 432-295-0876	E-Mail: john.builes@eurofinset.com	State of Origin:	Page: Page 2 of 4
Company: ARCADIS U S Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days):			
State Zip: TX, 79701	Compliance Project: Δ Yes Δ No			
Phone: 206-295-3273(Tel)	PO #: Purchase Order not required			
Email: andrew.demerco@arcadis.com ~~Callum.Ferguson@arcadis.com~~	WO #:			
Project Name: Eunice Project	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A - Local Method	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A	N		
MW059-W-220221 JSL	02/21/22	0825	G	Water			X	X	X			X	4	
MW023-W-220221	02/21/22	0859	G	Water			X	X	X			X	4	
MW038-W-220221	02/21/22	0916	G	Water			X	X	X			X	4	
MW058-W-220221	02/21/22	0934	G	Water			X	X	X			X	4	
MW089-W-220221	02/21/22	0859	G	Water			X	X	X			X	4	
MW070-W-220221	02/21/22	1018	G	Water			X	X	X			X	4	
MW063A-W-220221	02/21/22	1035	G	Water			X	X	X			X	4	
MW091-W-220221	02/21/22	1109	G	Water			X	X	X			X	4	
MW069-W-220221	02/21/22	1135	G	Water			X	X	X			X	4	
MW053SA-W-220221	02/21/22	1249	G	Water			X	X	X			X	4	
DUP06-W-220221	02/21/22	—	G	Water			X	X	X			X	4	

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
		2-21-22/1745	Arcadis			
	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 01/16/2019

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Received by OCD: 3/29/2023 1:11:13 PM
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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler	Lab PM	Carrier Tracking No(s)	COC No
Client Contact: Callum Ferguson Andrew DeMarco	Daniel McGee	Builes John		880-2515-111 1
Company: ARCADIS U S Inc	Phone: 432-997-2980	E-Mail: john builes@eurofinset com	State of Origin	Page: Page 3 of 4
Address: 1004 North Big Spring Suite 300	PWSID	Due Date Requested		Job #:
City: Midland		TAT Requested (days)		
State Zip: TX, 79701		Compliance Project: Δ Yes Δ No		
Phone: 206-295-3273(Tel)		PO #: Purchase Order not required		
Email: ~~Callum Ferguson@arcadis.com~~ andrew demarco@arcadis.com		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, 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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A Local Method	Total Number of containers	Special Instructions/Note
			Preservation Code:				N	D	N	A	A	N		
MW004A-W-220221	2-21-22	0920	G	Water			X	X	X			X	4	
IW024-W-220221	2-21-22	0941	G	Water			X	X	X			X	4	
MW090SA-W-220221	2-21-22	1003	G	Water			X	X	X			X	4	
MW089SA-W-220221	2-21-22	1022	G	Water			X	X	X			X	4	
MW047-W 220221	2-21-22	1052	G	Water			X	X	X			X	4	
DUP07-W-220221	2-21-22	—	G	Water			X	X	X			X	4	
MW007A-W-220221	2-21-22	1117	G	Water			X	X	X			X	4	
MW097P-W-220221	2-21-22	1134	G	Water			X	X	X			X	4	
MW008M-W-220221	2-21-22	1230	G	Water			X	X	X			X	4	
MW087A-W-220221	2-21-22	1248	G	Water			X	X	X			X	4	
MW011A-W-220221	2-21-22	1322	G	Water			X	X	X			X	4	

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
		2-21-22 / 1745	Arcadis			
	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

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Received by OCD: 3/29/2023 1:11:13 PM

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Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone (432) 704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Daniel McGee	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-2515-111 1
Client Contact: ~~Callum Ferguson~~ Andrew DeMarco	Phone: 432-999-2980	E-Mail: john builes@eurofinset com	State of Origin:	Page: Page 4 of 4
Company: ARCADIS U S Inc	PWSID:			Job #:
Address: 1004 North Big Spring Suite 300	Due Date Requested:			
City: Midland	TAT Requested (days):			
State Zip: TX 79701	Compliance Project: Δ Yes Δ No			
Phone: 206-295-3273(Tel)	PO #: Purchase Order not required			
Email: ~~Callum.Ferguson@arcadis.com~~ andrew.demarco@arcadis.com	WO #:			
Project Name: Eunice Project	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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 - Chloride	6020A (MOD) Custom List	2540C_Calcd Local Method	8015MOD_NM Full TPH	8021B BTEX	7196A Local Method	Total Number of containers	Special Instructions/Note.
			Preservation Code:				N	D	N	A	A	N		
MW002A-W-220221	2-21-22	1345	G	Water			X	X	X			X	4	
DUP08-W-220221	2-21-22	—	G	Water			X	X	X			X	4	
MW046A-W-220221	2-21-22	1438	G	Water			X	X	X	X	X	X	9	
MW045-W-220221	2-21-22	1505	G	Water			X	X	X	X	X	X	9	
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										
				Water										

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
	2-21-22 / 1745	Arcadis			
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: 01/16/2019

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Eurofins Midland
1211 W. Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3849.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Texas		Job #: 880-11511-1
Address: 200 East Sunset Rd., Suite E,	Due Date Requested: 2/28/2022			
City: El Paso	TAT Requested (days):			
State, Zip: TX, 79922				
Phone: 915-585-3443(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
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)	2540C_Calcd	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
MW043-W-220221 (880-11511-1)	2/21/22	11:53 Central		Water			X	1	
IW019-W-220221 (880-11511-2)	2/21/22	12:24 Central		Water			X	1	
MW037-W-220221 (880-11511-3)	2/21/22	13:32 Central		Water			X	1	
MW001-W-220221 (880-11511-4)	2/21/22	13:53 Central		Water			X	1	
MW059-W-220221 (880-11511-5)	2/21/22	08:29 Central		Water			X	1	
MW023-W-220221 (880-11511-6)	2/21/22	08:59 Central		Water			X	1	
MW030-W-220221 (880-11511-7)	2/21/22	09:16 Central		Water			X	1	
MW058-W-220221 (880-11511-8)	2/21/22	09:34 Central		Water			X	1	
MW099-W-220221 (880-11511-9)	2/21/22	09:59 Central		Water			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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 complicance 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: Alicia Rodriguez	Date/Time	Company	Received by:	Date/Time: 2-23-22 10:40	Company
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

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Released to Imaging: 4/10/2023 11:55:37 AM

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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, 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW043-W-220221 (880-11511-1)	2/21/22	11:53 Central		Water			X	X	2	
IW019-W-220221 (880-11511-2)	2/21/22	12:24 Central		Water			X	X	2	
MW037-W-220221 (880-11511-3)	2/21/22	13:32 Central		Water			X	X	2	
MW001-W-220221 (880-11511-4)	2/21/22	13:53 Central		Water			X	X	2	
MW059-W-220221 (880-11511-5)	2/21/22	08:29 Central		Water			X	X	2	
MW023-W-220221 (880-11511-6)	2/21/22	08.59 Central		Water			X	X	2	
MW030-W-220221 (880-11511 7)	2/21/22	09:16 Central		Water			X	X	2	
MW058-W-220221 (880-11511-8)	2/21/22	09:34 Central		Water			X	X	2	
MW099-W-220221 (880-11511-9)	2/21/22	09:59 Central		Water			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 out 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 complicance 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
Relinquished by: Greyhound	Date/Time:	Company	Received by:	Date/Time: 2/23/2022 14:30	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: 2.0 IR ID HOU-223
C/F: -0.1
Corrected Temp: 1.9

06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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	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
I Ice	U Acetone
J DI Water	V MCAA
K EDTA	W pH 4-5
L EDA	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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW070-W-220221 (880-11511 10)	2/21/22	10:18 Central		Water			X	X	2	
MW063-W-220221 (880-11511 11)	2/21/22	10:35 Central		Water			X	X	2	
MW031-W-220221 (880-11511 12)	2/21/22	11 09 Central		Water			X	X	2	
MW069-W-220221 (880-11511 13)	2/21/22	11 35 Central		Water			X	X	2	
MW0535A-W-220221 (880-11511 14)	2/21/22	12:49 Central		Water			X	X	2	
DUP06-W-220221 (880-11511 15)	2/21/22	Central		Water			X	X	2	
MW004A-W-220221 (880-11511-16)	2/21/22	09:20 Central		Water			X	X	2	
IW024-W-220221 (880-11511 17)	2/21/22	09:41 Central		Water			X	X	2	
MW0895A-W-220221 (880-11511 19)	2/21/22	10:22 Central		Water			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 out 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 complicance 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
Relinquished by: Greyhound	Date/Time:	Company	Received by:	Date/Time: 2/23/2022 14:30	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. 2 0 IR ID.HOU-223
C/F -0 9
Corrected Temp: 1.9

er 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 3 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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/oi 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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW047-W-220221 (880-11511-20)	2/21/22	10:52 Central		Water			X	X	2	
DUP07-W-220221 (880-11511-21)	2/21/22	Central		Water			X	X	2	
MW007A-W-220221 (880-11511-22)	2/21/22	11 17 Central		Water			X	X	2	
MW097P-W-220221 (880-11511-25)	2/21/22	11 34 Central		Water			X	X	2	
MW008M-W-220221 (880-11511-24)	2/21/22	12:30 Central		Water			X	X	2	
MW0874A-W-220221 (880-11511-25)	2/21/22	12:48 Central		Water			X	X	2	
MW011A-W-220221 (880-11511-26)	2/21/22	13:22 Central		Water			X	X	2	
MW002A-W-220221 (880-11511-27)	2/21/22	13.45 Central		Water			X	X	2	
DUP08-W-220221 (880-11511-25)	2/21/22	Central		Water			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 out 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 complicance 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	Greyhound			Greyhound		
2	Relinquished by: Greyhound	Date/Time:	Company	Received by:	Date/Time: 2/23/2022 14.30	Company EX
3	Relinquished by:	Date/Time:	Company	Received by:	Temp. 2.0 C/F -0.1 IR ID:HOU-223 Corrected Temp. 1.9	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No. | Cooler Temperature(s) °C and Other Remarks:

06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3853.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 4 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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#:			

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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	Z	other (specify)

Other:

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW046A-W-220221 (880-11511-29)	2/21/22	14:38 Central		Water			X	X	2	
MW0045-W-220221 (880-11511-30)	2/21/22	15:05 Central		Water			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 out 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 complicance 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: Patricia Rodriguez	Date/Time:	Company	Received by: Greyhound	Date/Time:	Company	
Relinquished by: Greyhound	Date/Time:	Company	Received by: Pedro Palmon	Date/Time: 2/23/2022 14:30	Company EX	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	

Custody Seals Intact. ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Temp 2.0 IR ID HOU-223 C/F:-0.1 Corrected Temp: 1.9

08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3861 1
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: New Mexico	Page: Page 1 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022	Analysis Requested		Preservation Codes:
City: Stafford	TAT Requested (days):			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 I Ice U Acetone J DI Water V MCAA K EDTA W pH 4-5 L EDA 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#:			

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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW043-W-220221 (880-11511 1)	2/21/22	11 53 Central		Water			X	X	2	
IW019-W-220221 (880-11511-2)	2/21/22	12.24 Central		Water			X	X	2	
MW037-W-220221 (880-11511-3)	2/21/22	13:32 Central		Water			X	X	2	
MW001-W-220221 (880-11511-4)	2/21/22	13:53 Central		Water			X	X	2	
MW059-W-220221 (880-11511-5)	2/21/22	08.29 Central		Water			X	X	2	
MW023-W-220221 (880-11511-6)	2/21/22	08.59 Central		Water			X	X	2	
MW030-W-220221 (880-11511 7)	2/21/22	09:16 Central		Water			X	X	2	
MW058-W-220221 (880-11511-8)	2/21/22	09:34 Central		Water			X	X	2	
MW099-W-220221 (880-11511-9)	2/21/22	09:59 Central		Water			X	X	2	

Temp. 2.3 IR ID:HOU-223
C/F: -0.1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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: 2/25/2022 10:46	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:

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes John	Carrier Tracking No(s):	COC No: 880-3861.2
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 2 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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, 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)	Perform MS/MSD (Yes or No)	Field Filtered Sample (Yes or No)	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Special Instructions/Note:
			Preservation Code:						
MW070-W-220221 (880-11511-10)	2/21/22	10:18 Central		Water			X	X	
MW063-W-220221 (880-11511-11)	2/21/22	10:35 Central		Water			X	X	
MW031-W-220221 (880-11511-12)	2/21/22	11:09 Central		Water			X	X	
MW069-W-220221 (880-11511-13)	2/21/22	11:35 Central		Water			X	X	
MW0535A-W-220221 (880-11511-14)	2/21/22	12:49 Central		Water			X	X	
DUP06-W-220221 (880-11511-15)	2/21/22	Central		Water			X	X	
MW004A-W-220221 (880-11511-16)	2/21/22	09:20 Central		Water			X	X	
IW024-W-220221 (880-11511-17)	2/21/22	09:41 Central		Water			X	X	
MW0905A-W-220221 (880-11511 18)	2/21/22	10:03 Central		Water			X	X	

Temp: 2.5 IR ID:HOU-223
C/F: -0 1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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: 2/25/2022 10:46	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

Ver: 06/08/2021

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3861 3
Client Contact: Shipping/Receiving	Phone:	E-Mail: john.builes@eurofinset.com	State of Origin: New Mexico	Page: Page 3 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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	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
I	Ice	U	Acetone
J	DI Water	V	MCAA
K	EDTA	W	pH 4-5
L	EDA	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	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
MW0895A-W-220221 (880-11511 19)	2/21/22	10:22 Central		Water			X	X	2	
MW047-W-220221 (880-11511-20)	2/21/22	10:52 Central		Water			X	X	2	
DUP07-W-220221 (880-11511-21)	2/21/22	Central		Water			X	X	2	
MW007A-W-220221 (880-11511-22)	2/21/22	11 17 Central		Water			X	X	2	
MW097P-W-220221 (880-11511-23)	2/21/22	11 34 Central		Water			X	X	2	
MW008M-W-220221 (880-11511-24)	2/21/22	12.30 Central		Water			X	X	2	
MW0874A-W-220221 (880-11511-25)	2/21/22	12:48 Central		Water			X	X	2	
MW011A-W-220221 (880-11511-26)	2/21/22	13:22 Central		Water			X	X	2	
MW002A-W-220221 (880-11511-27)	2/21/22	13:45 Central		Water			X	X	2	

Temp: 2.3 IR ID:HOU-223
C/F:-0.1
Corrected Temp: 2.2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method analyte & accreditation compliance upon out 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 complicance 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	Victoria Rodriguez			FedEx		
2	Relinquished by: FedEx	Date/Time:	Company	Received by:	Date/Time: 2/25/2022 10:46	Company EX
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

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-3861.4
Client Contact: Shipping/Receiving	Phone:	E-Mail: john builes@eurofinset.com	State of Origin: New Mexico	Page: Page 4 of 4
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 880-11511 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/28/2022			
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, 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)	Preservation Code:	6020A/FIELD_FLTRD (MOD) Custom List	300_ORGFM_28D/ Chloride	Special Instructions/Note:
DUP08-W-220221 (880-11511-28)	2/21/22	Central		Water		X	X	
MW046A-W-220221 (880-11511-29)	2/21/22	14:38 Central		Water		X	X	
MW0045-W-220221 (880-11511-30)	2/21/22	15:05 Central		Water		X	X	

Temp. 2.3 IR ID:HOU-223
C/F -0.1
Corrected Temp: 2 2

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon out 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
Relinquished by:	Date/Time:	Company	Received by: Date/Time: 2/25/2022 10:46 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:

Ver. 06/08/2021

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW043-W-220221

Date Collected: 02/21/22 11:53
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-1

Matrix: Water

Method: 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			02/25/22 20:08	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 20:08	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 20:08	R 1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 20:08	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 20:08	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*		*02/25/22 20:08*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*02/25/22 20:08*	*1*

Method: 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			02/25/22 20:51	R 1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.893	U	4.52	0.893	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.893	U	4.52	0.893	mg/L		02/23/22 15:02	02/26/22 00:15	1
Diesel Range Organics (Over C10-C28)	<0.893	U	4.52	0.893	mg/L		02/23/22 15:02	02/26/22 00:15	1
Oil Range Organics (Over C28-C36)	<0.862	U	4.52	0.862	mg/L		02/23/22 15:02	02/26/22 00:15	1
Total TPH	<0.893	U	4.52	0.893	mg/L		02/23/22 15:02	02/26/22 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*86*		*70 - 130*	*02/23/22 15:02*	*02/26/22 00:15*	*1*
1-Chlorooctane	*79*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:24*	*1*
o-Terphenyl	*98*		*70 - 130*	*02/23/22 15:02*	*02/26/22 00:15*	*1*
o-Terphenyl	*88*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**746**		5.00	2.00	mg/L			03/02/22 02:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00500**		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 17:34	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 17:34	1
Iron	**0.342**		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 17:34	1
Manganese	**0.548**		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2140**		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: IW019-W-220221

Date Collected: 02/21/22 12:24
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-2

Matrix: Water

Method: 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			02/25/22 17:45	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 17:45	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 17:45	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 17:45	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 17:45	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 17:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*		*02/25/22 17:45*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*		*02/25/22 17:45*	*1*

Method: 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			02/25/22 20:51	1

Method: 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			02/28/22 19:41	1

Method: 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		02/28/22 14:50	03/02/22 04:44	1
Diesel Range Organics (Over C10-C28)	<0.885	U	4.48	0.885	mg/L		02/28/22 14:50	03/02/22 04:44	1
Oil Range Organics (Over C28-C36)	<0.854	U	4.48	0.854	mg/L		02/28/22 14:50	03/02/22 04:44	1
Total TPH	<0.885	U	4.48	0.885	mg/L		02/28/22 14:50	03/02/22 04:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*98*		*70 - 130*	*02/28/22 14:50*	*03/02/22 04:44*	*1*
o-Terphenyl	*102*		*70 - 130*	*02/28/22 14:50*	*03/02/22 04:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**		5.00	2.00	mg/L			03/02/22 02:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0106**		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 17:57	1
Chromium	**0.598**		0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 17:57	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 17:57	1
Manganese	**0.0391**		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3650**		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.534**		0.0500	0.0137	mg/L			02/22/22 12:00	5

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW037-W-220221

Date Collected: 02/21/22 13:32
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-3

Matrix: Water

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.000786**	**J**	0.00200	0.000408	mg/L			02/25/22 18:05	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 18:05	1
Ethylbenzene	**0.0180**		0.00200	0.000657	mg/L			02/25/22 18:05	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 18:05	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 18:05	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*		*02/25/22 18:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*		*02/25/22 18:05*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0188**		0.00400	0.000657	mg/L			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.895	U	4.53	0.895	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.895	U	4.53	0.895	mg/L		02/23/22 15:02	02/26/22 01:46	1
Diesel Range Organics (Over C10-C28)	<0.895	U	4.53	0.895	mg/L		02/23/22 15:02	02/26/22 01:46	1
Oil Range Organics (Over C28-C36)	<0.864	U	4.53	0.864	mg/L		02/23/22 15:02	02/26/22 01:46	1
Total TPH	<0.895	U	4.53	0.895	mg/L		02/23/22 15:02	02/26/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*75*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:46*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/23/22 15:02*	*02/26/22 01:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**428**		5.00	2.00	mg/L			03/02/22 02:59	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0660**		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:00	1
Chromium	**0.000906**	**J**	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:00	1
Iron	**6.23**		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:00	1
Manganese	**0.115**		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1340**		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW001-W-220221

Date Collected: 02/21/22 13:53
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-4

Matrix: Water

Method: 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			02/25/22 18:26	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 18:26	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 18:26	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 18:26	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 18:26	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*		*02/25/22 18:26*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*02/25/22 18:26*	*1*

Method: 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			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.880	U	4.45	0.880	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.880	U	4.45	0.880	mg/L		02/23/22 15:02	02/26/22 02:09	1
Diesel Range Organics (Over C10-C28)	<0.880	U	4.45	0.880	mg/L		02/23/22 15:02	02/26/22 02:09	1
Oil Range Organics (Over C28-C36)	<0.849	U	4.45	0.849	mg/L		02/23/22 15:02	02/26/22 02:09	1
Total TPH	<0.880	U	4.45	0.880	mg/L		02/23/22 15:02	02/26/22 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*67*	*S1-*	*70 - 130*	*02/23/22 15:02*	*02/26/22 02:09*	*1*
o-Terphenyl	*74*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		5.00	2.00	mg/L			03/02/22 03:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00173**	**J**	0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:03	1
Chromium	**0.00191**	**J**	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:03	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:03	1
Manganese	**1.22**	**B**	0.0400	0.00397	mg/L		02/24/22 08:30	02/25/22 14:10	20

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3110**		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW059-W-220221

Lab Sample ID: 880-11511-5
Matrix: Water
Date Collected: 02/21/22 08:29
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	881		5.00	2.00	mg/L			03/02/22 03:23	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0141		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:06	1
Chromium	0.639		0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:06	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:06	1
Manganese	0.000865	J	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3870		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.995	~~H~~ J	0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW023-W-220221

Lab Sample ID: 880-11511-6
Matrix: Water
Date Collected: 02/21/22 08:59
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	836		5.00	2.00	mg/L			03/02/22 03:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00888		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:09	1
Chromium	3.33		0.100	0.0131	mg/L		02/24/22 08:30	02/25/22 14:13	25
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:09	1
Manganese	0.000538	J	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3670		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	3.29		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW030-W-220221

Lab Sample ID: 880-11511-7
Matrix: Water
Date Collected: 02/21/22 09:16
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	258		0.500	0.200	mg/L			03/02/22 03:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0195		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:13	1
Chromium	0.00285	J	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:13	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW030-W-220221

Lab Sample ID: 880-11511-7
Matrix: Water
Date Collected: 02/21/22 09:16
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.280		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:13	1
Manganese	0.00459		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	786		50.0	50.0	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.00580	J	0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample ID: MW058-W-220221

Lab Sample ID: 880-11511-8
Matrix: Water
Date Collected: 02/21/22 09:34
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1170		5.00	2.00	mg/L			03/02/22 04:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0142		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:16	1
Chromium	3.90		0.200	0.0262	mg/L		02/24/22 08:30	02/25/22 14:16	50
Iron	0.471		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:16	1
Manganese	0.00712		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4580		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	3.43		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW099-W-220221

Lab Sample ID: 880-11511-9
Matrix: Water
Date Collected: 02/21/22 09:59
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	74.6		0.500	0.200	mg/L			03/02/22 04:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00591		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:19	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:19	1
Iron	0.237		0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:19	1
Manganese	0.148		0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	517		50.0	50.0	mg/L			02/25/22 17:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW099-W-220221

Lab Sample ID: 880-11511-9
Matrix: Water
Date Collected: 02/21/22 09:59
Date Received: 02/22/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample ID: MW070-W-220221

Lab Sample ID: 880-11511-10
Matrix: Water
Date Collected: 02/21/22 10:18
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	461		0.500	0.200	mg/L			03/02/22 05:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0139		0.00400	0.000246	mg/L		02/24/22 08:30	02/24/22 18:22	1
Chromium	0.000596	J	0.00400	0.000525	mg/L		02/24/22 08:30	02/24/22 18:22	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 08:30	02/24/22 18:22	1
Manganese	0.000377	J	0.00200	0.000199	mg/L		02/24/22 08:30	02/24/22 18:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1370		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U ~~H~~	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW063A-W-220221

Lab Sample ID: 880-11511-11
Matrix: Water
Date Collected: 02/21/22 10:35
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.6	~~F1 F2~~ J	0.500	0.200	mg/L			03/02/22 06:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0265		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 11:56	1
Chromium	0.00191	J	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 11:56	1
Iron	0.0318	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 11:56	1
Manganese	0.000398	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 11:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	454		50.0	50.0	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW031-W-220221

Lab Sample ID: 880-11511-12
Matrix: Water
Date Collected: 02/21/22 11:09
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**157**	~~F2~~	0.500	0.200	mg/L			03/02/22 07:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0478**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:28	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:28	1
Iron	**1.25**		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:28	1
Manganese	**0.817**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**825**		50.0	50.0	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	~~U H~~	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample ID: MW069-W-220221

Lab Sample ID: 880-11511-13
Matrix: Water
Date Collected: 02/21/22 11:35
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15700**		50.0	20.0	mg/L			03/02/22 07:59	100

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00750**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:31	1
Chromium	<0.000525	U	0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:31	1
Iron	**0.120**		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:31	1
Manganese	**0.487**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**14300**		500	500	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	~~U H~~	0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample ID: MW053SA-W-220221

Lab Sample ID: 880-11511-14
Matrix: Water
Date Collected: 02/21/22 12:49
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1570**		5.00	2.00	mg/L			03/02/22 08:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0131**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:41	1
Chromium	**0.00927**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:41	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW053SA-W-220221

Lab Sample ID: 880-11511-14
Matrix: Water
Date Collected: 02/21/22 12:49
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:41	1
Manganese	**0.00121**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1980**		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.00903**	**J**	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: DUP06-W-220221

Lab Sample ID: 880-11511-15
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**776**		5.00	2.00	mg/L			03/02/22 08:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0136**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:44	1
Chromium	**0.574**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:44	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:44	1
Manganese	**0.000911**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**4110**		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.503**	~~H~~ J	0.100	0.0273	mg/L			02/22/22 10:40	10

Client Sample ID: MW004A-W-220221

Lab Sample ID: 880-11511-16
Matrix: Water
Date Collected: 02/21/22 09:20
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**778**		5.00	2.00	mg/L			03/02/22 08:59	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0143**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:47	1
Chromium	**0.504**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:47	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:47	1
Manganese	**0.000668**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**2140**		100	100	mg/L			02/25/22 17:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW004A-W-220221

Lab Sample ID: 880-11511-16
Matrix: Water
Date Collected: 02/21/22 09:20
Date Received: 02/22/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.360		0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample ID: IW024-W-220221

Lab Sample ID: 880-11511-17
Matrix: Water
Date Collected: 02/21/22 09:41
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	601		5.00	2.00	mg/L			03/02/22 09:11	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:50	1
Chromium	0.975		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:50	1
Iron	0.0590	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:50	1
Manganese	0.00910		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3380		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.876		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW090SA-W-220221

Lab Sample ID: 880-11511-18
Matrix: Water
Date Collected: 02/21/22 10:03
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00	2.00	mg/L			03/02/22 09:23	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0104		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:53	1
Chromium	0.250		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:53	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:53	1
Manganese	0.000536	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1690		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.192		0.0100	0.00273	mg/L			02/22/22 08:45	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW089SA-W-220221

Lab Sample ID: 880-11511-19
Matrix: Water
Date Collected: 02/21/22 10:22
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	714		5.00	2.00	mg/L			03/02/22 09:35	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0107		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 12:57	1
Chromium	1.03		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 12:57	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 12:57	1
Manganese	0.000707	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4050		200	200	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.726		0.100	0.0273	mg/L			02/22/22 08:45	10

Client Sample ID: MW047-W-220221

Lab Sample ID: 880-11511-20
Matrix: Water
Date Collected: 02/21/22 10:52
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	604	J	5.00	2.00	mg/L			03/02/22 09:47	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0110		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:00	1
Chromium	0.0969		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:00	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:00	1
Manganese	0.000489	J	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1980		100	100	mg/L			02/25/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0905		0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: DUP07-W-220221

Lab Sample ID: 880-11511-21
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1880	J	5.00	2.00	mg/L			03/02/22 10:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00982		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:03	1
Chromium	0.0989		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:03	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: DUP07-W-220221

Lab Sample ID: 880-11511-21
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:03	1
Manganese	**0.000372**	**J**	0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**1880**		100	100	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.0915**	**H**	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW007A-W-220221

Lab Sample ID: 880-11511-22
Matrix: Water
Date Collected: 02/21/22 11:17
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1880**		5.00	2.00	mg/L			03/02/22 10:15	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0100**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:13	1
Chromium	**0.688**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:13	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:13	1
Manganese	**0.00626**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3300**		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	**0.707**		0.100	0.0273	mg/L			02/22/22 10:40	10

Client Sample ID: MW097P-W-220221

Lab Sample ID: 880-11511-23
Matrix: Water
Date Collected: 02/21/22 11:34
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1080**		5.00	2.00	mg/L			03/02/22 10:27	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0105**		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:16	1
Chromium	**0.437**		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:16	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:16	1
Manganese	**0.0402**		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	**3520**		200	200	mg/L			02/27/22 17:00	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW097P-W-220221

Lab Sample ID: 880-11511-23
Matrix: Water
Date Collected: 02/21/22 11:34
Date Received: 02/22/22 08:00

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.395		0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW008M-W-220221

Lab Sample ID: 880-11511-24
Matrix: Water
Date Collected: 02/21/22 12:30
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	642		5.00	2.00	mg/L			03/02/22 11:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00503		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:19	1
Chromium	0.0108		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:19	1
Iron	75.0		10.0	2.27	mg/L		02/24/22 09:30	02/25/22 19:34	100
Manganese	2.90		0.200	0.0199	mg/L		02/24/22 09:30	02/25/22 19:34	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	4850		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0105		0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample ID: MW087A-W-220221

Lab Sample ID: 880-11511-25
Matrix: Water
Date Collected: 02/21/22 12:48
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	999		5.00	2.00	mg/L			03/02/22 11:16	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00342	J	0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:22	1
Chromium	0.0478		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:22	1
Iron	4.81		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:22	1
Manganese	0.195		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3410		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 10:40	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW011A-W-220221

Lab Sample ID: 880-11511-26
Matrix: Water
Date Collected: 02/21/22 13:22
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	72.4		0.500	0.200	mg/L			03/02/22 11:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0149		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:25	1
Chromium	0.0375		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:25	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:25	1
Manganese	0.00650		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1440		100	100	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.0295		0.0100	0.00273	mg/L			02/22/22 12:00	1

Client Sample ID: MW002A-W-220221

Lab Sample ID: 880-11511-27
Matrix: Water
Date Collected: 02/21/22 13:45
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000	J	5.00	2.00	mg/L			03/02/22 11:40	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0173		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:29	1
Chromium	0.896		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:29	1
Iron	0.0460	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:29	1
Manganese	0.0199		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3770		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.878		0.100	0.0273	mg/L			02/22/22 12:00	10

Client Sample ID: DUP08-W-220221

Lab Sample ID: 880-11511-28
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	426	J	5.00	2.00	mg/L			03/02/22 11:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0179		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:32	1
Chromium	0.955		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:32	1

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: DUP08-W-220221

Lab Sample ID: 880-11511-28
Matrix: Water
Date Collected: 02/21/22 00:00
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.0304	J	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:32	1
Manganese	0.0199		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3890		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	0.902	~~H~~	0.100	0.0273	mg/L			02/22/22 12:00	10

Client Sample ID: MW046A-W-220221

Lab Sample ID: 880-11511-29
Matrix: Water
Date Collected: 02/21/22 14:38
Date Received: 02/22/22 08:00

Method: 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			02/25/22 18:46	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 18:46	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 18:46	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 18:46	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 18:46	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*02/25/22 18:46*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*		*02/25/22 18:46*	*1*

Method: 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			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.882	U	4.46	0.882	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.882	U	4.46	0.882	mg/L		02/23/22 15:02	02/26/22 02:31	1
Diesel Range Organics (Over C10-C28)	<0.882	U	4.46	0.882	mg/L		02/23/22 15:02	02/26/22 02:31	1
OII Range Organics (Over C28-C36)	<0.851	U	4.46	0.851	mg/L		02/23/22 15:02	02/26/22 02:31	1
Total TPH	<0.882	U	4.46	0.882	mg/L		02/23/22 15:02	02/26/22 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*79*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:31*	*1*
o-Terphenyl	*89*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:31*	*1*

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	998		5.00	2.00	mg/L			03/02/22 12:04	10

Eurofins Midland

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW046A-W-220221

Lab Sample ID: 880-11511-29
Matrix: Water
Date Collected: 02/21/22 14:38
Date Received: 02/22/22 08:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00974		0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:35	1
Chromium	1.75		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:35	1
Iron	<0.0227	U	0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:35	1
Manganese	0.00409		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	3380		200	200	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	1.62		0.100	0.0273	mg/L			02/22/22 12:00	10

Client Sample ID: MW045-W-220221

Lab Sample ID: 880-11511-30
Matrix: Water
Date Collected: 02/21/22 15:05
Date Received: 02/22/22 08:00

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00173	J	0.00200	0.000408	mg/L			02/25/22 19:06	1
Toluene	<0.000367	U	0.00200	0.000367	mg/L			02/25/22 19:06	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			02/25/22 19:06	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			02/25/22 19:06	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			02/25/22 19:06	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			02/25/22 19:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*		*02/25/22 19:06*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*		*02/25/22 19:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00173	J	0.00400	0.000657	mg/L			02/25/22 20:51	1

Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.890	U	4.50	0.890	mg/L			02/28/22 19:41	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<0.890	U	4.50	0.890	mg/L		02/23/22 15:02	02/26/22 02:54	1
Diesel Range Organics (Over C10-C28)	<0.890	U	4.50	0.890	mg/L		02/23/22 15:02	02/26/22 02:54	1
Oil Range Organics (Over C28-C36)	<0.859	U	4.50	0.859	mg/L		02/23/22 15:02	02/26/22 02:54	1
Total TPH	<0.890	U	4.50	0.890	mg/L		02/23/22 15:02	02/26/22 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*73*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:54*	*1*
o-Terphenyl	*82*		*70 - 130*	*02/23/22 15:02*	*02/26/22 02:54*	*1*

Client Sample Results

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

Job ID: 880-11511-1

Client Sample ID: MW045-W-220221

Date Collected: 02/21/22 15:05
Date Received: 02/22/22 08:00

Lab Sample ID: 880-11511-30

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.0		0.500	0.200	mg/L			03/02/22 12:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00231	J	0.00400	0.000246	mg/L		02/24/22 09:30	02/25/22 13:38	1
Chromium	0.0111		0.00400	0.000525	mg/L		02/24/22 09:30	02/25/22 13:38	1
Iron	0.237		0.100	0.0227	mg/L		02/24/22 09:30	02/25/22 13:38	1
Manganese	0.157		0.00200	0.000199	mg/L		02/24/22 09:30	02/25/22 13:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	1130		50.0	50.0	mg/L			02/27/22 17:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	<0.00273	U	0.0100	0.00273	mg/L			02/22/22 12:00	1

ARCADIS

Chevron North Eunice

DATA REVIEW

North Eunice, New Mexico

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

SDGs # 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1

Analyses Performed By:

Eurofins Laboratories

Midland, and Stafford TX

Report # 47650R
Review Level: Tier II
Project: 30109021.00003

SUMMARY

This data quality assessment summarizes the review of Sample Delivery Groups (SDGs) # 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1 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
880-20233-1	MW100-W-101122	880-20233-1	Water	10/11/2022				X	X
	MW086SA-W-101122	880-20233-2	Water	10/11/2022				X	X
	MW075SA-W-101122	880-20233-3	Water	10/11/2022				X	X
	MW084SA-W-101122	880-20233-4	Water	10/11/2022				X	X
	MW085SA-W-101122	880-20233-5	Water	10/11/2022				X	X
	MW073SA-W-101122	880-20233-6	Water	10/11/2022				X	X
	MW056SA-W-101122	880-20233-7	Water	10/11/2022				X	X
	MW057SA-W-101122	880-20233-8	Water	10/11/2022				X	X
880-20236-1	MW-011A-W-221011	880-20236-1	Water	10/11/2022				X	X
	MW-032-W-221011	880-20236-2	Water	10/11/2022				X	X
	MW-061-W-221011	880-20236-3	Water	10/11/2022				X	X
	MW-068-W-221011	880-20236-4	Water	10/11/2022				X	X
	MW-095-W-221011	880-20236-5	Water	10/11/2022				X	X
	MW-069-W-221011	880-20236-6	Water	10/11/2022				X	X
	MW-023-W-221011	880-20236-7	Water	10/11/2022				X	X
	MW-070-W-221011	880-20236-8	Water	10/11/2022				X	X
880-20296-1	MW-018-W-221012	880-20296-1	Water	10/12/2022				X	X
	MW-016A-W-221012	880-20296-2	Water	10/12/2022				X	X
	MW-015A-W-221012	880-20296-3	Water	10/12/2022				X	X
	MW-013-W-221012	880-20296-4	Water	10/12/2022				X	X
	MW-007-W-221012	880-20296-5	Water	10/12/2022				X	X
	MW-047-W-221012	880-20296-6	Water	10/12/2022				X	X
	DUP-3-W-221012	880-20296-7	Water	10/12/2022	MW-047-W-221012			X	X
	MW-046A-W-221012	880-20296-8	Water	10/12/2022		X	X	X	X
880-20298-1	MW-043-W-101222	880-20298-1	Water	10/12/2022		X	X	X	X
	DUP-1-W-101222	880-20298-2	Water	10/12/2022	MW-043-W-101222	X	X	X	X
	MW-050-SA-W-101222	880-20298-3	Water	10/12/2022				X	X
	MW-067-SA-W-101222	880-20298-4	Water	10/12/2022				X	X
	MW-054-SA-W-101222	880-20298-5	Water	10/12/2022				X	X
	MW-053-SA-W-101222	880-20298-6	Water	10/12/2022				X	X
	DUP-2-W-101222	880-20298-7	Water	10/12/2022	MW-053-SA-W-101222			X	X
	MW-049-SA-W-101222	880-20298-8	Water	10/12/2022				X	X
	MW-093-SA-W-101222	880-20298-9	Water	10/12/2022				X	X

DATA REVIEW REPORT

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

DATA REVIEW REPORT

ORGANIC ANALYSIS INTRODUCTION

Analyses were performed according to United States Environmental Protection Agency (USEPA) SW-846 Methods 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.

DATA REVIEW REPORT

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

SDGs# 880-20296-1 and 880-20298-1: 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.

SDGs# 880-20296-1 and 880-20298-1: 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.

SDGs# 880-20296-1 and 880-20298-1: 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# 880-20296-1: MS/MSD analysis was not performed on samples from this SDG.

SDG# 880-20298-1: MS/MSD analysis was performed on sample MW-043-W-101222. MS/MSD analysis exhibited acceptable recoveries and RPDs.

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.

SDGs# 880-20296-1 and 880-20298-1: 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# 880-20296-1: A field duplicate sample was not collected for the samples from this SDG.

SDGs# 880-20298-1: 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-101222 / DUP-1-W-101222	Toluene	0.000719 J	0.000622 J	AC
	m-Xylene & p-Xylene	0.00140 J	0.00113 J	AC
	o-Xylene	0.00142 J	0.00123 J	AC
	Xylenes, Total	0.00282 J	0.00236 J	AC
	Total BTEX	0.00354 J	0.00298 J	AC

Notes:
AC – Acceptable

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

7. System Performance and Overall Assessment

SDGs# 880-20296-1 and 880-20298-1: 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)		X		X	
Laboratory Control Sample Duplicate (LCSD)		X		X	
LCS/LCSD Precision (RPD)		X		X	
Matrix Spike (MS)		X		X	
Matrix Spike Duplicate (MSD)		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

SDGs# 880-20296-1 and 880-20298-1: 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.

SDGs# 880-20296-1 and 880-20298-1: Compounds were detected in the associated QA blanks; however, the associated sample results were non-detect. No other qualification of the sample results was required.

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.

SDGs# 880-20296-1 and 880-20298-1: 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# 880-20296-1: MS/MSD analysis was performed on sample MW-046A-W-221012. MS/MSD analysis exhibited recoveries and RPDs within the laboratory established acceptance limits.

SDG# 880-20298-1: 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.

SDGs# 880-20296-1 and 880-20298-1: All compounds associated with the LCS/LCSD analysis exhibited recoveries within the control limits.

DATA REVIEW REPORT

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# 880-20296-1: A field duplicate sample was not collected for the samples from this SDG.

SDGs# 880-20298-1: 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-101222 / DUP-1-W-101222	Total TPH	U	U	AC

Notes:
AC – Acceptable
U – non-detect

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

7. System Performance and Overall Assessment

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

DATA REVIEW REPORT

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.

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DATA REVIEW REPORT

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# 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1: 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.

SDGs# 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1: 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# 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1: 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.

SDGs# 880-20233-1, and 880-20236-1: Field duplicate sample was not collected for the samples from this SDG.

SDGs# 880- 20296-1, and 880- 20298-1: 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
880-20298-1	MW-043-W-101222 / DUP-1-W-101222	Arsenic	0.00648	0.00678	AC
		Chromium	0.000832 J	0.000648 J	AC
		Iron	0.532	0.438	AC
		Manganese	0.577	0.560	3.0%
	MW-053-SA-W-101222 / DUP-2-W-101222	Arsenic	0.0124	0.0124	AC
		Chromium	0.00710	0.00719	AC
		Iron	0.0570 J	0.115	AC
		Manganese	0.00273	0.00458	AC
880-20296-1	MW-047-W-221012 / DUP-3-W-221012	Arsenic	0.0114	0.0119	AC
		Chromium	0.0545	0.0505	7.6%
		Iron	0.0284 J	0.0583 J	AC
		Manganese	0.000863 J	0.00454	AC

Notes:
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# 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1: The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

SDGs# 880-20233-1, 880-20236-1, 880-20296-1, and 880-20298-1: 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

DATA REVIEW REPORT

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# 880-20233-1, 880-20236-1, 880-20296-1, 880-20298-1: 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.

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 # 880-20233-1: MS/MSD analysis was performed on sample MW057SA-W-101122 for hexavalent chromium and Chloride, on sample MW100-W-101122 for hexavalent chromium. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-20236-1: MS/MSD analysis was performed on sample MW-011A-W-221011 for hexavalent chromium analysis. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-20296-1: MS/MSD analysis was performed on sample MW-015A-W-221012 for chloride. MS/MSD analysis exhibited recoveries and RPDs within the control limits.

SDG # 880-20298-1: MS/MSD analysis was performed on sample MW-043-W-101222 and MW-049-SA-W-101222 for hexavalent chromium, on sample MW-053-SA-W-101222 Chloride. 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# 880-20233-1: A laboratory duplicate analysis was performed on sample MW056SA-W-101122 for total dissolved solids. Laboratory duplicate analysis exhibited RPDs within control limits.

SDGs# 880-20236-1 and 880-20298-1: A laboratory duplicate analysis was not performed on samples from these SDGs.

SDG# 880-11442-1: A laboratory duplicate analysis was performed on sample MW-007-W-221012 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# 880-20233-1, and 880-20236-1: Field duplicate sample was not collected for the samples from this SDG.

SDGs# 880- 20296-1, and 880- 20298-1: 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
880-20296-1	MW-047-W-221012 / DUP-3-W-221012	Chloride	162	177	8.8%
		Total Dissolved Solids	1590	1640	3.1%
		Cr (VI)	0.0424	0.0434	AC
880-20298-1	MW-043-W-101222 / DUP-1-W-101222	Total Dissolved Solids	1730	1690	2.3%
	MW-053-SA-W-101222 / DUP-2-W-101222	Chloride	605	604	0.2%
		Total Dissolved Solids	2060	2020	2.0%

Notes:
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# 880-20233-1, 880-20236-1, 880-20296-1, 880-20298-1: The LCS/LCSD analysis exhibited recoveries within the control limits.

6. System Performance and Overall Assessment

SDGs# 880-20233-1, 880-20236-1, 880-20296-1, 880-20298-1: 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: 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

VALIDATION PERFORMED BY: Prashanth K

SIGNATURE:

DATE: November 17, 2022

PEER REVIEW: Dennis Capria

DATE: December 1, 2022

CHAIN OF CUSTODY

CORRECTED SAMPLE ANALYSIS DATA SHEETS

Chain of Custody

Work Order No: 20296

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

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):	5.7 5.9	Thermometer ID	IR3
Received Intact:	Yes ☒ No ☐		
Cooler Custody Seals.	Yes ☐ No ☐ N/A ☒	Correction Factor	-.30
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) Arsenic, Manganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW-018-W-221012	W	10-12-22	0915		2			X	X	X	X
MW-016A-W-221012	W		1000		2			X	X	X	X
MW-015A-W-221012	W		1015		2			X	X	X	X
MW-013-W-221012	W		1045		2			X	X	X	X
MW-007-W-221012	W		1110		2			X	X	X	X
MW-047-W-221012	W		1140		2			X	X	X	X
DUP-3-W-221012	W		—		2			X	X	X	X
MW-046A-W-221012	W	10-12-22	1200		7	X	X	X	X	X	X

880-20296 Chain of Custody

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

Work Order Notes

Sample Comments

* Field Filtered *

* Field Filtered *

10-12-22

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		10-12-22 / 1455	2		
3			4		
5			6		

Revised Date 051418 Rev. 2018.1

Received by OCD: 3/29/2023 1:11:13 PM

Released to Imaging: 4/10/2023 11:55:37 AM

10/24/2022

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Qualifiers

GC 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.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery 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.
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.
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
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

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-018-W-221012 Lab Sample ID: 880-20296-1

Date Collected: 10/12/22 09:15 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		0.500	0.200	mg/L			10/14/22 22:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0113		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:01	1
Chromium	0.0236		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:01	1
Iron	0.0578	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:01	1
Manganese	0.0198		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1130		10.0	10.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-016A-W-221012 Lab Sample ID: 880-20296-2

Date Collected: 10/12/22 10:10 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	599		5.00	2.00	mg/L			10/14/22 23:14	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		10/17/22 10:23	10/17/22 19:03	1
Chromium	0.0116		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:03	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:03	1
Manganese	0.00540		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:03	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			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-015A-W-221012 Lab Sample ID: 880-20296-3

Date Collected: 10/12/22 10:15 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4290		5.00	2.00	mg/L			10/14/22 21:14	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0108		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:06	1
Chromium	0.00332	J	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:06	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-015A-W-221012 Lab Sample ID: 880-20296-3

Date Collected: 10/12/22 10:15 **Matrix: Water**
Date Received: 10/12/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.700		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:06	1
Manganese	0.346		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	8650		100	100	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-013-W-221012 Lab Sample ID: 880-20296-4

Date Collected: 10/12/22 10:45 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	777		5.00	2.00	mg/L			10/14/22 21:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00717		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:09	1
Chromium	0.465		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:09	1
Iron	0.0303	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:09	1
Manganese	0.00206		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:09	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			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.282		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: MW-007-W-221012 Lab Sample ID: 880-20296-5

Date Collected: 10/12/22 11:10 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	755		5.00	2.00	mg/L			10/14/22 22:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0113		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:12	1
Chromium	0.772		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:12	1
Manganese	0.00490		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3220		40.0	40.0	mg/L			10/18/22 16:20	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20296-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-007-W-221012 Lab Sample ID: 880-20296-5

Date Collected: 10/12/22 11:10 **Matrix: Water**
Date Received: 10/12/22 14:51

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.136		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: MW-047-W-221012 Lab Sample ID: 880-20296-6

Date Collected: 10/12/22 11:40 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.00	2.00	mg/L			10/14/22 22:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0114		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:14	1
Chromium	0.0545		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:14	1
Iron	0.0284	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:14	1
Manganese	0.000863	J	0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:14	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			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0424		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: DUP-3-W-221012 Lab Sample ID: 880-20296-7

Date Collected: 10/12/22 00:00 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	177		5.00	2.00	mg/L			10/14/22 22:30	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0119		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:17	1
Chromium	0.0505		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:17	1
Iron	0.0583	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:17	1
Manganese	0.00454		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:17	1

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			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0434	H	0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample Results

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

Job ID: 880-20296-1
SDG: 30109021

Client Sample ID: MW-046A-W-221012

Date Collected: 10/12/22 12:00
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20296-8

Matrix: Water

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			10/14/22 18:26	1
Toluene	**0.000432**	**J**	0.00200	0.000367	mg/L			10/14/22 18:26	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 18:26	1
m-Xylene & p-Xylene	<0.000629	U	0.00400	0.000629	mg/L			10/14/22 18:26	1
o-Xylene	<0.000642	U	0.00200	0.000642	mg/L			10/14/22 18:26	1
Xylenes, Total	<0.000642	U	0.00400	0.000642	mg/L			10/14/22 18:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*		*10/14/22 18:26*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*		*10/14/22 18:26*	*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			10/17/22 10:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.904	U	4.57	0.904	mg/L			10/19/22 10:15	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	<0.904	U ~~F1~~	4.57	0.904	mg/L		10/18/22 10:08	10/18/22 12:16	1
Diesel Range Organics (Over C10-C28)	<0.904	U ~~F1~~	4.57	0.904	mg/L		10/18/22 10:08	10/18/22 12:16	1
OII Range Organics (Over C28-C36)	<0.872	U	4.57	0.872	mg/L		10/18/22 10:08	10/18/22 12:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*105*		*70 - 130*	*10/18/22 10:08*	*10/18/22 12:16*	*1*
o-Terphenyl	*124*		*70 - 130*	*10/18/22 10:08*	*10/18/22 12:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**621**		5.00	2.00	mg/L			10/15/22 00:12	10

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		10/17/22 10:23	10/17/22 19:20	1
Chromium	**1.67**		0.0400	0.00560	mg/L		10/17/22 10:23	10/19/22 15:56	10
Iron	**0.0985**	**J**	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:20	1
Manganese	**0.00622**		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**2740**		20.0	20.0	mg/L			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.296**		0.0500	0.0135	mg/L			10/13/22 08:45	5

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

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) www.xenco.com

Work Order No: 20233

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	Routine
Project Number:	30109021		Rush
P.O. Number.			Due Date.
Sampler's Name:	Jerry Longwell/Daniel McGee		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	5.6/5.8	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals.	Yes No N/A	Correction Factor:	-.20
Sample Custody Seals:	Yes No N/A	Total Containers:	

880-20233 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) Arsenic, Manganese, Iron & Chromium *	TDS (SM2540C)	Chlorides (EPA 300.0)	Sample Comments
MW100-W 101122	W	10/11/22	0820		2			X	X	X	X	* Field Filtered *
MW085SA-W-101122	W	10/11/22	0845		2			X	X	X	X	
MW075SA-W-101122	W	10/11/22	0911		2			X	X	X	X	
MW085SA-W-101122	W	10/11/22	0930		2			X	X	X	X	
MW085SA W-101122	W	10/11/22	0951		2			X	X	X	X	
MW073SA W-101122	W	10/11/22	1019		2			X	X	X	X	
MW056SA-W-101122	W	10/11/22	1043		2			X	X	X	X	
MW057SA-W-101122	W	10/11/22	1113		2			X	X	X	X	* Field filtered *

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
Jerry S. Longwell		10/11/22 1345	2		10/11/22
3			4		1607
5			6		

Revised Date 051418 Rev 2018.1

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland, TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-5457 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 #: 880-20233-1
Address: 4145 Greenbriar Dr	Due Date Requested: 10/17/2022			
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:								
MW100-W-101122 (880-20233-1)	10/11/22	08:20 Mountain		Water			X	X	X	2	
MW086SA-W-101122 (880-20233-2)	10/11/22	08:46 Mountain		Water			X	X	X	2	
MW075SA-W-101122 (880-20233-3)	10/11/22	09:11 Mountain		Water			X	X	X	2	
MW084SA-W-101122 (880-20233-4)	10/11/22	09:30 Mountain		Water			X	X	X	2	
MW085SA-W-101122 (880-20233-5)	10/11/22	09:51 Mountain		Water			X	X	X	2	
MW073SA-W-101122 (880-20233-6)	10/11/22	10:19 Mountain		Water			X	X	X	2	
MW056SA-W-101122 (880-20233-7)	10/11/22	10:43 Mountain		Water			X	X	X	2	
MW057SA-W-101122 (880-20233-8)	10/11/22	11 13 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 out 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 complicance 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: Pedro Palmon	Date/Time: 10/13/2022 9:58	Company EX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No	Cooler Temp:	Temp: 12 IR ID:HOU-344 C/F +1.2 Corrected Temp: 24

Ver: 06/08/2021

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20233-1
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.
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 U.S., Inc. Job ID: 880-20233-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW100-W-101122 Lab Sample ID: 880-20233-1

Date Collected: 10/11/22 08:20 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	843		5.00	2.00	mg/L			10/14/22 05:18	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00735		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:00	1
Chromium	0.00134	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:00	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:00	1
Manganese	0.610		0.0200	0.00224	mg/L		10/14/22 07:48	10/17/22 21:03	10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2570		20.0	20.0	mg/L			10/13/22 15:31	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			10/12/22 07:45	1

Client Sample ID: MW086SA-W-101122 Lab Sample ID: 880-20233-2

Date Collected: 10/11/22 08:46 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	907		5.00	2.00	mg/L			10/14/22 05:31	10

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		10/14/22 07:48	10/17/22 21:12	1
Chromium	0.0376		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:12	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:12	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2930		20.0	20.0	mg/L			10/13/22 15:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0310		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW075SA-W-101122 Lab Sample ID: 880-20233-3

Date Collected: 10/11/22 09:11 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	556		5.00	2.00	mg/L			10/14/22 05:43	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:15	1
Chromium	0.0181		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:15	1

Client Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Client Sample ID: MW075SA-W-101122

Lab Sample ID: 880-20233-3
Date Collected: 10/11/22 09:11
Matrix: Water
Date Received: 10/11/22 16:07

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		10/14/22 07:48	10/17/22 21:15	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1900		20.0	20.0	mg/L			10/13/22 15:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0111		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW084SA-W-101122

Lab Sample ID: 880-20233-4
Date Collected: 10/11/22 09:30
Matrix: Water
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		5.00	2.00	mg/L			10/14/22 05:55	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		10/14/22 07:48	10/17/22 21:18	1
Chromium	0.0177		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:18	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:18	1
Manganese	0.000926	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:18	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			10/13/22 15:31	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.00917	J	0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW085SA-W-101122

Lab Sample ID: 880-20233-5
Date Collected: 10/11/22 09:51
Matrix: Water
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.00	mg/L			10/14/22 06:07	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		10/14/22 07:48	10/17/22 21:20	1
Chromium	0.0323		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:20	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:20	1
Manganese	0.0792		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3950		40.0	40.0	mg/L			10/13/22 15:31	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20233-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW085SA-W-101122 Lab Sample ID: 880-20233-5

Date Collected: 10/11/22 09:51 **Matrix: Water**
Date Received: 10/11/22 16:07

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0135		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW073SA-W-101122 Lab Sample ID: 880-20233-6

Date Collected: 10/11/22 10:19 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		0.500	0.200	mg/L			10/14/22 02:15	1

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		10/14/22 07:48	10/17/22 21:23	1
Chromium	0.00150	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:23	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:23	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:23	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			10/13/22 15:31	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			10/12/22 07:45	1

Client Sample ID: MW056SA-W-101122 Lab Sample ID: 880-20233-7

Date Collected: 10/11/22 10:43 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	846		5.00	2.00	mg/L			10/14/22 06:19	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		10/14/22 07:48	10/17/22 21:26	1
Chromium	0.325		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:26	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:26	1
Manganese	0.0134		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3490		40.0	40.0	mg/L			10/18/22 14:39	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.284		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample Results

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

Job ID: 880-20233-1
SDG: 30109021

Client Sample ID: MW057SA-W-101122
Date Collected: 10/11/22 11:13
Date Received: 10/11/22 16:07

Lab Sample ID: 880-20233-8
Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	229		0.500	0.200	mg/L			10/14/22 04:17	1

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		10/14/22 07:48	10/17/22 21:29	1
Chromium	0.00945		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:29	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:29	1
Manganese	0.000314	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1380		10.0	10.0	mg/L			10/14/22 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			10/12/22 10:00	1

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 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) www.xenco.com

Work Order No: 202336

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	Routine
Project Number:	30109021		Rush
P.O. Number:			
Sampler's Name:	Jerry Longwell/Daniel McGee	Due Date:	

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	(Yes) No
Temperature (°C):	5.4 | 5.2	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor	-.20
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)
MW-011A-W 221011	W	10-11-22	0920	—	2			X	X	X	X
MW-032-W-221011	W		0950	—	2			X	X	X	X
MW-061-W-221011	W		1010	—	2			X	X	X	X
MW-068-W-221011	W		1015	—	2	X		X	X	X	X
MW-095-W-221011	W		1115	—	2	X		X	X	X	X
MW-069-W 221011	W		1200	—	2	X		X	X	X	X
MW-073-W 221011	W		1230	—	2	X		X	X	X	X
MW-070-W-221011	W	10-11-22	1300	—	2	X		X	X	X	X
									10-11-22		

Work Order Notes

880-20236 Chain of Custody

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

Sample Comments

* Field Filtered
* Field Filtered

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		10-11-22 1600	2		
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Released to Imaging: 4/10/2023 11:55:37 AM
Received by OCD: 3/29/2023 1:11:13 PM

Eurofins Midland
1211 W Florida Ave
Midland TX 79701
Phone: 432-704-5440

Chain of Custody Record

eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Builes, John	Carrier Tracking No(s):	COC No: 880-5457 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 #: 880-20236-1
Address: 4145 Greenbriar Dr	Due Date Requested: 10/17/2022			
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#:			

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 (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-011A-W-101122 (880-20236-1)	10/11/22	09:20 Mountain		Water			X	X	X	2	
MW-032-W-101122 (880-20236-2)	10/11/22	09.50 Mountain		Water			X	X	X	2	
MW-061-W-101122 (880-20236-3)	10/11/22	10:10 Mountain		Water			X	X	X	2	
MW-068-W-101122 (880-20236-4)	10/11/22	10:45 Mountain		Water			X	X	X	2	
MW-095-W-101122 (880-20236-5)	10/11/22	11 15 Mountain		Water			X	X	X	2	
MW-069-W-101122 (880-20236-6)	10/11/22	12:00 Mountain		Water			X	X	X	2	
MW-023-W-101122 (880-20236-7)	10/11/22	12:30 Mountain		Water			X	X	X	2	
MW-070-W-101122 (880-20236-8)	10/11/22	13:00 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 out 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 complicance 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: Pedro Palmon	Date/Time: 10/13/2022 9 58	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	Temp: 1.2 IR ID HOU-344 C/F +1 2 Corrected Temp: 2.4

Ver: 06/08/2021

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20236-1
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.
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: 880-20236-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-011A-W-221011 Lab Sample ID: 880-20236-1

Date Collected: 10/11/22 09:20 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	317		0.500	0.200	mg/L			10/14/22 01:39	1

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		10/14/22 07:48	10/17/22 21:53	1
Chromium	0.0286		0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:53	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:53	1
Manganese	0.00131	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1430		10.0	10.0	mg/L			10/14/22 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.0193		0.0100	0.00270	mg/L			10/12/22 07:45	1

Client Sample ID: MW-032-W-221011 Lab Sample ID: 880-20236-2

Date Collected: 10/11/22 09:50 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		5.00	2.00	mg/L			10/14/22 02:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00354	J	0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:56	1
Chromium	0.00220	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:56	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:56	1
Manganese	0.000293	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1770		20.0	20.0	mg/L			10/14/22 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			10/12/22 07:45	1

Client Sample ID: MW-061-W-221011 Lab Sample ID: 880-20236-3

Date Collected: 10/11/22 10:10 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	945		5.00	2.00	mg/L			10/14/22 03:04	10

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		10/14/22 07:36	10/14/22 17:51	1
Chromium	0.982		0.00400	0.000560	mg/L		10/14/22 07:36	10/14/22 17:51	1

Client Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Client Sample ID: MW-061-W-221011

Lab Sample ID: 880-20236-3
Matrix: Water
Date Collected: 10/11/22 10:10
Date Received: 10/11/22 16:07

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		10/14/22 07:36	10/14/22 17:51	1
Manganese	**0.0235**		0.00200	0.000224	mg/L		10/14/22 07:36	10/14/22 17:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**4430**		40.0	40.0	mg/L			10/14/22 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**0.835**		0.0500	0.0135	mg/L			10/12/22 07:45	5

Client Sample ID: MW-068-W-221011

Lab Sample ID: 880-20236-4
Matrix: Water
Date Collected: 10/11/22 10:45
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7660**		500	200	mg/L			10/20/22 06:01	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0161**		0.00400	0.000290	mg/L		10/14/22 07:36	10/14/22 17:54	1
Chromium	**0.00119**	**J**	0.00400	0.000560	mg/L		10/14/22 07:36	10/14/22 17:54	1
Iron	**0.149**		0.100	0.0283	mg/L		10/14/22 07:36	10/14/22 17:54	1
Manganese	**2.55**		0.100	0.0112	mg/L		10/14/22 07:36	10/14/22 21:26	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**14400**		100	100	mg/L			10/14/22 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			10/12/22 10:00	1

Client Sample ID: MW-095-W-221011

Lab Sample ID: 880-20236-5
Matrix: Water
Date Collected: 10/11/22 11:15
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1140**		5.00	2.00	mg/L			10/14/22 03:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00943**		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:32	1
Chromium	**4.06**		0.400	0.0560	mg/L		10/14/22 07:48	10/17/22 21:35	100
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:32	1
Manganese	**0.154**		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:32	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			10/14/22 15:00	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20236-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: MW-095-W-221011 Lab Sample ID: 880-20236-5

Date Collected: 10/11/22 11:15 **Matrix: Water**
Date Received: 10/11/22 16:07

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.23		0.200	0.0540	mg/L			10/12/22 10:00	20

Client Sample ID: MW-069-W-221011 Lab Sample ID: 880-20236-6

Date Collected: 10/11/22 12:00 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8330		500	200	mg/L			10/20/22 06:13	1000

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00697		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:44	1
Chromium	0.00102	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:44	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:44	1
Manganese	0.185		0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	17000		100	100	mg/L			10/14/22 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			10/12/22 10:00	1

Client Sample ID: MW-023-W-221011 Lab Sample ID: 880-20236-7

Date Collected: 10/11/22 12:30 **Matrix: Water**
Date Received: 10/11/22 16:07

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	731		5.00	2.00	mg/L			10/14/22 03:53	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00876		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:47	1
Chromium	4.03		0.400	0.0560	mg/L		10/14/22 07:48	10/17/22 22:10	100
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:47	1
Manganese	0.000260	J	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3850		40.0	40.0	mg/L			10/14/22 15:00	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	3.36		0.200	0.0540	mg/L			10/12/22 10:00	20

Client Sample Results

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

Job ID: 880-20236-1
SDG: 30109021

Client Sample ID: MW-070-W-221011
Date Collected: 10/11/22 13:00
Date Received: 10/11/22 16:07

Lab Sample ID: 880-20236-8
Matrix: Water

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	383		5.00	2.00	mg/L			10/14/22 04:05	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000290	mg/L		10/14/22 07:48	10/17/22 21:50	1
Chromium	0.00123	J	0.00400	0.000560	mg/L		10/14/22 07:48	10/17/22 21:50	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/14/22 07:48	10/17/22 21:50	1
Manganese	<0.000224	U	0.00200	0.000224	mg/L		10/14/22 07:48	10/17/22 21:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1420		10.0	10.0	mg/L			10/14/22 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			10/12/22 10:00	1

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Chain of Custody

Work Order No: 20798

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

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	
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):	5.7/5.9	Thermometer ID	IR8
Received Intact:	(Yes) No		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	-2
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) Arsenic, Maganese, Iron & Chromium	TDS (SM2540C)	Chlorides (EPA 300.0)
MW043-W-101222	W	10/12/22	0813		2	X	X	X	X	X	X
DUP-1-W-101222	W	10/12/22	—		2	X	X	X	X	X	X
MW050SA-W-101222	W	10/12/22	0849		2			X	X	X	X
MW075A-W-101222	W	10/12/22	0904		2			X	X	X	X
MW054SA-W-101222	W	10/12/22	0824		2			X	X	X	X
MW053SA-W-101222	W	10/12/22	0947		2			X	X	X	X
DUP-2-W-101222	W	10/12/22	—		2			X	X	X	X
MW045SA-W-101222	W	10/12/22	1016		2			X	X	X	X
MW038SA-W-101222	W	10/12/22	1037		2			X	X	X	X
							BTEX				

ANALYSIS REQUEST

Work Order Notes

880-20298 Chain of Custody

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

Sample Comments

* Field Filtered X
* Field Filtered 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		10/12/22/1240	2		10/12/22/1451
3			4		
5			6		

Revised Date 051418 Rev 2018.1

Received by OCD: 3/29/2023 1:11:13 PM
Released to Imaging: 4/10/2023 11:55:37 AM
10/24/2022
Page 28 of 30

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Qualifiers

GC 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.
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.
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
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

Definitions/Glossary

Client: ARCADIS U.S., Inc. Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 880-20298-1
SDG: 30109021

Client Sample ID: MW-043-W-101222
Date Collected: 10/12/22 08:13
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20298-1
Matrix: Water

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			10/14/22 11:23	1
Toluene	**0.000719**	**J**	0.00200	0.000367	mg/L			10/14/22 11:23	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 11:23	1
m-Xylene & p-Xylene	**0.00140**	**J**	0.00400	0.000629	mg/L			10/14/22 11:23	1
o-Xylene	**0.00142**	**J**	0.00200	0.000642	mg/L			10/14/22 11:23	1
Xylenes, Total	**0.00282**	**J**	0.00400	0.000642	mg/L			10/14/22 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*		*10/14/22 11:23*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*		*10/14/22 11:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00354**	**J**	0.00400	0.000657	mg/L			10/17/22 10:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.901	U	4.56	0.901	mg/L			10/19/22 10:15	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	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:37	1
Diesel Range Organics (Over C10-C28)	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:37	1
OII Range Organics (Over C28-C36)	<0.869	U	4.56	0.869	mg/L		10/18/22 10:08	10/18/22 13:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*95*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:37*	*1*
o-Terphenyl	*102*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**569**		5.00	2.00	mg/L			10/15/22 00:25	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00648**		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:23	1
Chromium	**0.000832**	**J**	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:23	1
Iron	**0.532**		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:23	1
Manganese	**0.577**		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	**1730**		20.0	20.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: DUP-1-W-101222

Date Collected: 10/12/22 00:00
Date Received: 10/12/22 14:51

Lab Sample ID: 880-20298-2

Matrix: Water

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			10/14/22 11:43	1
Toluene	**0.000622**	**J**	0.00200	0.000367	mg/L			10/14/22 11:43	1
Ethylbenzene	<0.000657	U	0.00200	0.000657	mg/L			10/14/22 11:43	1
m-Xylene & p-Xylene	**0.00113**	**J**	0.00400	0.000629	mg/L			10/14/22 11:43	1
o-Xylene	**0.00123**	**J**	0.00200	0.000642	mg/L			10/14/22 11:43	1
Xylenes, Total	**0.00236**	**J**	0.00400	0.000642	mg/L			10/14/22 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*		*10/14/22 11:43*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*		*10/14/22 11:43*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00298**	**J**	0.00400	0.000657	mg/L			10/17/22 10:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<0.901	U	4.56	0.901	mg/L			10/19/22 10:15	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	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:58	1
Diesel Range Organics (Over C10-C28)	<0.901	U	4.56	0.901	mg/L		10/18/22 10:08	10/18/22 13:58	1
OII Range Organics (Over C28-C36)	<0.869	U	4.56	0.869	mg/L		10/18/22 10:08	10/18/22 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane	*99*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:58*	*1*
o-Terphenyl	*108*		*70 - 130*	*10/18/22 10:08*	*10/18/22 13:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**580**		5.00	2.00	mg/L			10/15/22 00:38	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.00678**		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:26	1
Chromium	**0.000648**	**J**	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:26	1
Iron	**0.438**		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:26	1
Manganese	**0.560**		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:26	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			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-050-SA-W-101222

Lab Sample ID: 880-20298-3
Matrix: Water
Date Collected: 10/12/22 08:49
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1120		5.00	2.00	mg/L			10/15/22 00:50	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00719		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:34	1
Chromium	0.291		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:34	1
Iron	<0.0283	U	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:34	1
Manganese	0.0143		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:34	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			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-067-SA-W-101222

Lab Sample ID: 880-20298-4
Matrix: Water
Date Collected: 10/12/22 09:04
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	180		0.500	0.200	mg/L			10/14/22 22:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0193		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:37	1
Chromium	0.00128	J	0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:37	1
Iron	0.424		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:37	1
Manganese	0.00512		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	971		10.0	10.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: MW-054-SA-W-101222

Lab Sample ID: 880-20298-5
Matrix: Water
Date Collected: 10/12/22 09:24
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	777		5.00	2.00	mg/L			10/15/22 01:03	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0113		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:39	1
Chromium	0.119		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:39	1

Client Sample Results

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

Job ID: 880-20298-1
SDG: 30109021

Client Sample ID: MW-054-SA-W-101222

Lab Sample ID: 880-20298-5
Date Collected: 10/12/22 09:24
Matrix: Water
Date Received: 10/12/22 14:51

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.172		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:39	1
Manganese	0.00468		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2370		20.0	20.0	mg/L			10/18/22 16:20	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.103		0.0100	0.00270	mg/L			10/13/22 08:00	1

Client Sample ID: MW-053-SA-W-101222

Lab Sample ID: 880-20298-6
Date Collected: 10/12/22 09:47
Matrix: Water
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	605		5.00	2.00	mg/L			10/15/22 01:16	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0124		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:42	1
Chromium	0.00710		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:42	1
Iron	0.0570	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:42	1
Manganese	0.00273		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2060		20.0	20.0	mg/L			10/18/22 16:20	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			10/13/22 08:00	1

Client Sample ID: DUP-2-W-101222

Lab Sample ID: 880-20298-7
Date Collected: 10/12/22 00:00
Matrix: Water
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	604		5.00	2.00	mg/L			10/15/22 01:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0124		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:45	1
Chromium	0.00719		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:45	1
Iron	0.115		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:45	1
Manganese	0.00458		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2020		20.0	20.0	mg/L			10/19/22 08:50	1

Client Sample Results

Client: ARCADIS U.S., Inc. Job ID: 880-20298-1
Project/Site: Eunice Project - N Eunice SDG: 30109021

Client Sample ID: DUP-2-W-101222 Lab Sample ID: 880-20298-7

Date Collected: 10/12/22 00:00 **Matrix: Water**
Date Received: 10/12/22 14:51

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			10/13/22 08:00	1

Client Sample ID: MW-049-SA-W-101222 Lab Sample ID: 880-20298-8

Date Collected: 10/12/22 10:16 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1230		5.00	2.00	mg/L			10/15/22 02:07	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0127		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:48	1
Chromium	0.280		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:48	1
Iron	0.541		0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:48	1
Manganese	0.00797		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:48	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			10/19/22 08:50	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.234		0.0100	0.00270	mg/L			10/13/22 08:45	1

Client Sample ID: MW-093-SA-W-101222 Lab Sample ID: 880-20298-9

Date Collected: 10/12/22 10:37 **Matrix: Water**
Date Received: 10/12/22 14:51

Method: MCAWW 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	809		5.00	2.00	mg/L			10/15/22 02:45	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.00943		0.00400	0.000290	mg/L		10/17/22 10:23	10/17/22 19:50	1
Chromium	0.486		0.00400	0.000560	mg/L		10/17/22 10:23	10/17/22 19:50	1
Iron	0.0313	J	0.100	0.0283	mg/L		10/17/22 10:23	10/17/22 19:50	1
Manganese	0.0183		0.00200	0.000224	mg/L		10/17/22 10:23	10/17/22 19:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3470		40.0	40.0	mg/L			10/19/22 08:50	1

General Chemistry - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	0.428		0.0100	0.00270	mg/L			10/13/22 08:45	1

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**	--
	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**	--
IW006	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**
	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

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																		
	10/13/2004	N	--	< 0.1 U	< 0.5 U	< 0.5 U	< 0.005 U	--	135	221	6.1	10.3	--	--	--	--	--	--	1,090	--
IW008	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

		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																		
	2/7/2006	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**
	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**
IW010	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

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
	2/8/2006	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	--
	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
IW014	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

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
	5/11/2012	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**
IW019	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**
	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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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																		
	3/5/2010	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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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
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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		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																		
	3/2/2010	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**
	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**
IW025	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

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
	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**
MW002	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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Appendix E
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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
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

		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																		
	3/30/2009	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
MW004A	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
	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	--
MW005	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
	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
MW006	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
	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	--
MW007	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
	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
MW007A	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																		
MW008	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
	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
MW008A	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	--
	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**	--
	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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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
	6/4/2003	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**
MW009	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**
	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**	--
MW009A	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**
	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**	--
MW010	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

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																		
	10/5/2004	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																		
MW011A	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
	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
MW011M	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	--
	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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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																		
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

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
MW013	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
	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
MW013A	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	--
	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
MW014	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
	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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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
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

		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																		
	6/24/2004	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**	--
MW016A	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

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
MW018	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**
	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**
MW018A	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**	--
	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**
MW019A	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**	--
	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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		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																		
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

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																		
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
	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

		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																		
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
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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																		
	5/8/2014	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

		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																		
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

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
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

		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																		
	5/20/2013	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
MW026	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
	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	--
MW027	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
	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	--
MW028	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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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
	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**	--
	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**
MW033	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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		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	--
	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

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
	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	--
MW038	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
	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
MW039A	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	--
	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
MW040A	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	--
	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**
MW040A	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**
	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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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																		
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**
	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**	--
MW043	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**
MW045	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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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
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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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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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
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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		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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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																		
	1/25/2006	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)
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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																		
	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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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																		
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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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
	9/13/2018	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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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																		
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**
MW068SA	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**
MW069	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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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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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
MW073SA	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**
	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**
MW074SA	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**
	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**
MW075SA	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**
	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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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
MW077SA	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	--	--	718	1,930
	5/6/2013	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	--	--	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

		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																		
	12/8/2004	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
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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																		
MW085SA	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**
	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**
MW086SA	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**
	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**
MW087A	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**
	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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		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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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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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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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																		
	5/13/2016	N	**0.0705**	--	**4.49**	--	**4.65**	--	--	--	--	--	--	--	--	--	--	--	**1,460**	**4,170**

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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																		
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

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																		
	4/1/2004	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**
RW002	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**
	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**	--
RW003	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

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
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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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																		
	6/14/1996	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**
WoodellWW	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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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	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	2400
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
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	0.0150	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	2,660
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	--	--	--	--	--	--	1,290	3,700
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	0.500	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	1,090	3,650
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
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	2,980
IW023	2/18/2022	FD	0.0100	0.322	< 0.100 U	< 0.100 U	--	0.00124 J	--	--	--	--	--	--	623	2,890
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	3,380
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
LordWW	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	3,110
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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	3,770
MW002A	2/21/2022	FD	0.0179	0.955	0.902	0.0304 J	--	0.0199	--	--	--	--	--	--	426 J	3,890
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
MW004A	3/12/2020	REG	0.0145	0.500	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	2,140
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	0.870	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	--	--	--	--	--	--	1,880	3,300
MW007A	10/12/2022	REG	0.0113	0.772	0.136	< 0.100 U	--	0.0049	--	--	--	--	--	--	755	3,220
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	--	2.90	--	--	--	--	--	--	642	4,850
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	0.0180	< 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	--	--	--	--	--	--	2,400	4,700
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
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	0.0570	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	1,440
MW011A	10/11/2022	REG	0.0141	0.0286	0.0193	< 0.100 U	--	0.00131 J	--	--	--	--	--	--	317	1,430
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	--	--	--	--	--	--	1,140	3,730

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	1.30	1.35	< 0.100 U	--	0.000588 J	--	--	--	--	--	--	823	3120
MW013	9/25/2020	REG	0.00729	2.10	0.396	0.190	--	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	3,500
MW013	10/12/2022	REG	0.00717	0.465	0.282	0.0303 J	--	0.00206	--	--	--	--	--	--	777	3,280
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	0.00650	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	--	--	--	--	--	--	3,000	6,820
MW015A	10/12/2022	REG	0.0108	0.00332 J	< 0.0100 U	0.700	--	0.346	--	--	--	--	--	--	4,290	8,650
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	1,460
MW016A	10/12/2022	REG	0.0102	0.0116	< 0.0100 U	< 0.100 U	--	0.00540	--	--	--	--	--	--	599	1,620
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
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	0.0110	< 0.00400 U	< 0.0100 U	< 0.100 U	--	0.000520	--	--	--	--	--	--	153	967
MW018	3/10/2021	REG	0.0105	< 0.00400 U	< 0.0100 U	0.0327 J	--	0.00137 J	--	--	--	--	--	--	251	1,230
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	1,140
MW018	10/12/2022	REG	0.0113	0.0236	< 0.0100 U	0.0578 J	--	0.0198	--	--	--	--	--	--	187	1,130
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	1,290
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	2,310
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	--	--	--	--	--	--	2,620	5,750
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	0.270	0.0240	--	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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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	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	3,670
MW023	10/11/2022	REG	0.00876	4.03	3.36	< 0.100 U	--	0.000260 J	--	--	--	--	--	--	731	3,850
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	2,560
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
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	0.00670	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	1,600
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
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
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
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	--	0.000480	--	--	--	--	--	--	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	2,080
MW032	10/11/2022	REG	0.00354 J	0.00220 J	< 0.0100 U	< 0.100 U	--	0.000293 J	--	--	--	--	--	--	430	1,770
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	1,340
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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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
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	0.200	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	1,660
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
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	0.620	--	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	--	0.500	< 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	2,140
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	1,730
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	1,690
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	0.0130	< 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	1,130
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	3,380
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	2,740
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
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	1,980
MW047	2/21/2022	FD	0.00982	0.0989	0.0915	< 0.100 U	--	0.000372 J	--	--	--	--	--	--	1880 J	1,880
MW047	10/12/2022	REG	0.0114	0.0545	0.0424	0.0284 J	--	0.000863 J	--	--	--	--	--	--	162	1,590
MW047	10/12/2022	FD	0.0119	0.0505	0.0434	0.0583 J	--	0.00454	--	--	--	--	--	--	177	1,640
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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	--	--	--	--	--	--	1,390	3,130
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	0.0120	0.197	0.200 J	0.0438 J	--	0.00116 J	--	--	--	--	--	--	847	2640
MW049SA	9/25/2020	REG	0.0108	0.195	0.224	0.260	--	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	0.00960	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	2,120
MW049SA	2/17/2022	FD	0.0115	0.478	0.438	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	705	2,260
MW049SA	10/12/2022	REG	0.0127	0.280	0.234	0.541	--	0.00797	--	--	--	--	--	--	1,230	3,250
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	--	0.0130	--	--	--	--	--	--	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
MW050SA	2/16/2022	REG	0.00989	0.430	0.221	< 0.100 U	--	0.0123	--	--	--	--	--	--	1,290	3,580
MW050SA	10/12/2022	REG	0.00719	0.291	0.340	< 0.100 U	--	0.0143	--	--	--	--	--	--	1,120	3,260
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	--	--	--	--	--	--	1,060	3,420
MW051SA	2/17/2022	FD	0.0110	0.776	0.811	0.0530 J	--	0.00613	--	--	--	--	--	--	1,050	3,460
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	--	--	--	--	--	--	1,470	3,220
MW053SA	2/21/2022	REG	0.0131	0.00927	0.00903 J	< 0.100 U	--	0.00121 J	--	--	--	--	--	--	1,570	1,980
MW053SA	10/12/2022	REG	0.0124	0.00710	< 0.0100 U	0.0570 J	--	0.00273	--	--	--	--	--	--	605	2,060
MW053SA	10/12/2022	FD	0.0124	0.00719	< 0.0100 U H	0.115	--	0.00458	--	--	--	--	--	--	604	2,020
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	0.120	< 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	2,170
MW054SA	10/12/2022	REG	0.0113	0.119	0.103	0.172	--	0.00468	--	--	--	--	--	--	777	2,370
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
MW055SA	3/11/2020	REG	0.00761	0.180	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	1,890
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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	0.330	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	--	--	--	--	--	--	1,050	3,460
MW056SA	10/11/2022	REG	0.0135	0.325	0.284	< 0.100 U	--	0.0134	--	--	--	--	--	--	846	3,490
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	0.0340	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	1,440
MW057SA	10/11/2022	REG	0.0138	0.00945	< 0.0100 U	< 0.100 U	--	0.000314 J	--	--	--	--	--	--	229	1,380
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	--	--	--	--	--	--	1,170	4,580
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	0.0150	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	3,870
MW059	2/21/2022	FD	0.0136	0.574	0.503 J	< 0.100 U	--	0.000911 J	--	--	--	--	--	--	776	4,110
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	--	--	--	--	--	--	1,430	3,540
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	1.00	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	1.20	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	--	--	--	--	--	--	1,090	4,530
MW061	2/16/2022	FD	0.0107	0.815	0.825	0.500	--	0.0190	--	--	--	--	--	--	1,110	4,550
MW061	10/11/2022	REG	0.0111	0.982	0.835	< 0.100 U	--	0.0235	--	--	--	--	--	--	945	4,430
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
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

Released to Imaging: 4/10/2023 11:55:37 AM

Received by OCD: 3/29/2023 1:11:13 PM

GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	0.0400	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
MW065SA	2/15/2022	REG	0.0119	0.00526	< 0.100 U	< 0.100 U	--	0.477	--	--	--	--	--	--	994	2,880
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	2,510
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	--	0.000250	--	--	--	--	--	--	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
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	--	--	--	--	--	--	6,400	10,200
MW068	10/11/2022	REG	0.0161	0.00119 J	< 0.0100 U	0.149	--	2.55	--	--	--	--	--	--	7,660	14,400
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	--	--	--	--	--	--	15,700	14,300
MW069	10/11/2022	REG	0.00697	0.00102 J	< 0.0100 U	< 0.100 U	--	0.185	--	--	--	--	--	--	8,330	17,000
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
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	1,370
MW070	10/11/2022	REG	0.0127	0.00123 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	383	1,420
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	1,310
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	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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	1,410
MW073SA	10/11/2022	REG	0.0110	0.00150 J	< 0.0100 U	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	270	1,190
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	2,430
MW075SA	5/8/2017	REG	0.0125	0.0112	0.00840 J	< 0.0200 U	--	< 0.00200 U	--	--	--	--	--	--	397	1,820
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	0.0230	0.0660	--	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	2,100
MW075SA	10/11/2022	REG	0.0127	0.0181	0.0111	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	556	1,900
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	2,210
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	1,350
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	0.0100	0.0240	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	0.00810	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	--	--	--	--	--	--	1,100	2,970
MW084SA	10/11/2022	REG	0.0102	0.0177	0.00917 J	< 0.100 U	--	0.000926 J	--	--	--	--	--	--	1,010	3,120
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
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	--	--	--	--	--	--	1,560	3,610
MW085SA	10/11/2022	REG	0.0170	0.0323	0.0135	< 0.100 U	--	0.0792	--	--	--	--	--	--	1,330	3,950
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	0.0110	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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

		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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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	--	--	--	--	--	--	1,450	3,220
MW086SA	10/11/2022	REG	0.0111	0.0376	0.0310	< 0.100 U	--	< 0.00200 U	--	--	--	--	--	--	907	2,930
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	3,410
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	--	--	--	--	--	--	1,060	4,090
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	4,040
MW089SA	2/21/2022	REG	0.011	1.03	0.726	< 0.100 U	--	0.000707 J	--	--	--	--	--	--	714	4,050
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	0.00980	0.315	0.303	< 0.100 U	--	0.00172 J	--	--	--	--	--	--	400	2710
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	1,690
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	0.680	< 0.100 U	--	0.0130	--	--	--	--	--	--	685	3420
MW093SA	9/25/2020	REG	0.00831	0.494	0.500	< 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	3,600
MW093SA	10/12/2022	REG	0.00943	0.486	0.428	0.0313 J	--	0.0183	--	--	--	--	--	--	809	3,470
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	3,990
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	0.00950	3.40	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	--	--	--	--	--	--	1,430	4,720
MW095	2/18/2022	FD	0.00898	3.67	3.19	< 0.100 U	--	0.127	--	--	--	--	--	--	1,410	4,420
MW095	10/11/2022	REG	0.00943	4.06	3.23	< 0.100 U	--	0.154	--	--	--	--	--	--	1,140	4,970
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	--	--	--	--	--	--	1,080	3,520
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
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

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GROUNDWATER ANALYTICAL RESULTS
UBU3250 EUNICE NORTH GAS PLANT

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	1.0	2.0	0.2	0.005	1.0	0.7	0.62	--	--	250	1000
Location ID	Date Sampled	Sample Purpose														
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
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	--	--	--	--	--	--	1,100	2,140
MW100	10/11/2022	REG	0.00735	0.00134 J	< 0.0100 U	< 0.100 U	--	0.610	--	--	--	--	--	--	843	2,570
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

APPENDIX G

2022 Mann-Kendall Trend Analysis

Table G-1. Mann-Kendall Results Summary
Appendix G. 2022 Mann-Kendall Trend Analysis
2022 Aunnual Groundwater Monitoring Report
Former Eunice North Gas Plant
Eunice, Lea County, New Mexico

ARCADIS Design & Consultancy for natural and built assets

Constituent	Monitoring Well	NMWQCC Standard (mg/L)	Start Date [1]	End Date	Summary Statistics						Mann-Kendall			
					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	2/16/2022	8	0	0.316	1.81	0.316	0.4	-18	0.016	Decreasing	Significant
	MW058	0.05	5/16/2016	2/21/2022	8	0	2.46	3.9	3.9	0.2	28	< 0.01	Increasing	Significant
	MW013	0.05	5/16/2016	10/12/2022	14	0	0.465	2.54	0.465	0.4	7	0.371	Stable	NS
	Eastern Plume (downgradient; offsite)													
	MW041A	0.05	5/16/2016	2/17/2022	10	0	0.189	0.213	0.197	0.04	1	0.500	Stable	NS
	MW051SA (since 2017)	0.05	5/10/2017	2/17/2022	9	0	0.699	0.818	0.749	0.06	-22	0.01	Decreasing	Significant
	MW085SA	0.05	5/17/2016	10/11/2022	14	0	0.0101	0.0696	0.0323	0.5	33	0.040	Increasing	Significant
	MW086SA	0.05	5/18/2016	10/11/2022	14	0	0.0277	0.0762	0.0376	0.3	-1	0.500	Stable	NS
Chloride	**Western and southern plumes (offsite)**													
	MW069	250	5/13/2016	10/11/2022	14	0	715	20,900	8,330	0.8	7	0.371	Stable	NS
	MW094	250	5/13/2016	2/16/2022	8	0	637	1,130	637	0.2	-18	0.016	Decreasing	Significant
	MW032	250	5/13/2016	10/11/2022	14	0	231	430	430	0.2	42	< 0.01	Increasing	Significant
	MW058	250	5/16/2016	2/21/2022	8	0	995 J	1,330	1,170	0.1	6	0.274	Stable	NS
	MW013	250	5/16/2016	10/12/2022	14	0	255	978	777	0.2	11	0.29	Stable	NS
	Onsite plume													
	MW047	250	5/20/2016	10/12/2022	13	0	162	498	162	0.4	-38	0.01	Decreasing	Significant
	Eastern Plume (offsite)													
	MW041A	250	5/16/2016	2/17/2022	10	0	377	488	436	0.09	3	0.431	Stable	NS
	MW051SA	250	5/18/2016	2/17/2022	10	0	1,030	1,360	1,060	0.1	-11	0.190	Stable	NS
	MW085SA	250	5/17/2016	10/11/2022	14	0	1,070	1,650	1,330	0.1	-1	0.500	Stable	NS
	MW073SA	250	5/17/2016	10/11/2022	14	0	189	2,100	270	0.9	17	0.191	Variable	NS
	MW086SA (since 2017)	250	5/9/2017	10/11/2022	12	0	907	1,470	907	0.2	-16	0.151	Stable	NS
	MW100	250	5/9/2017	10/11/2022	12	0	667 J	1,070 J	843	0.2	32	0.017	Increasing	Significant

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.

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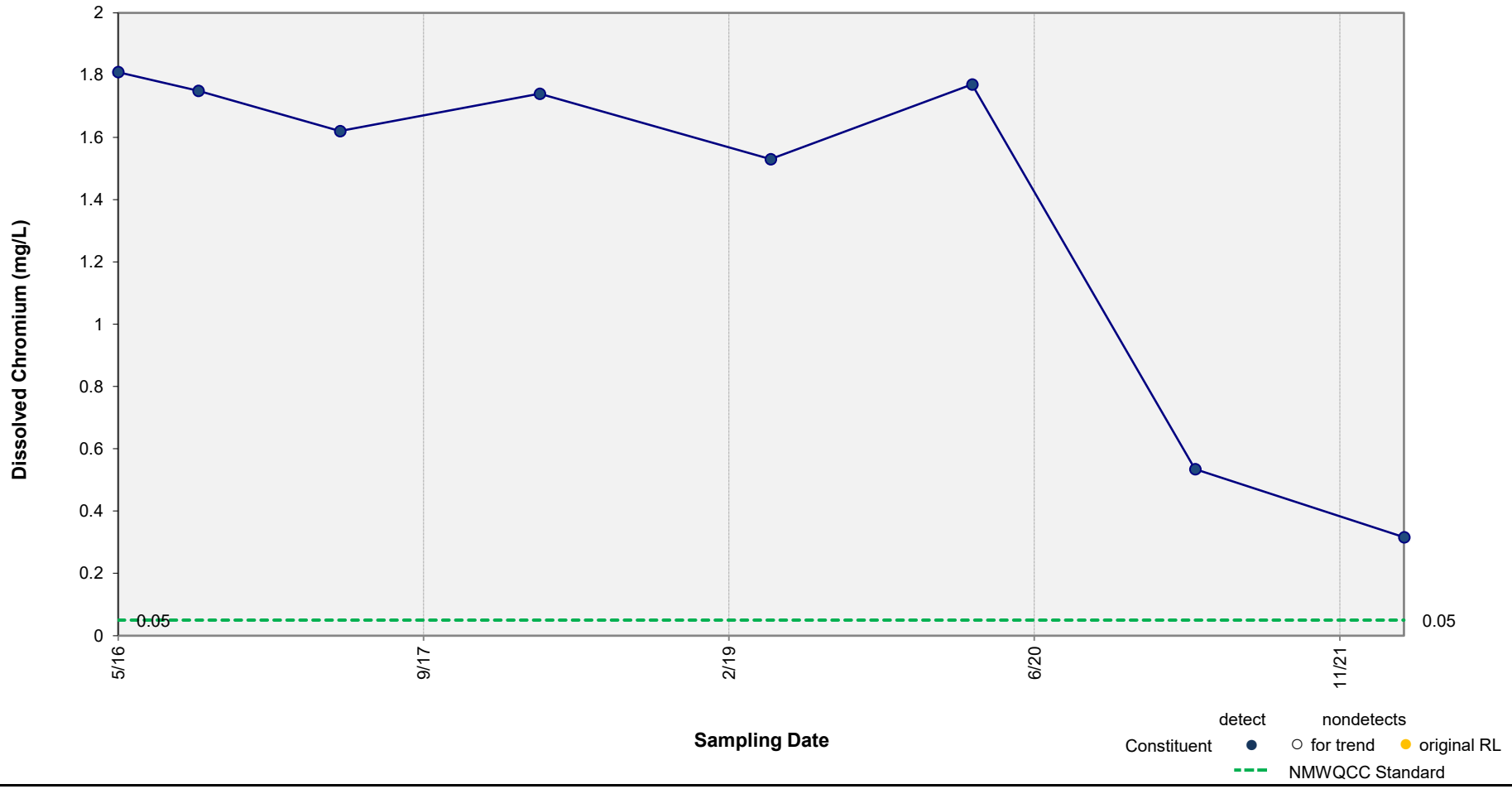

Results of Mann-Kendall Test for Trend: **DECREASING TREND**

p value = 0.016 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

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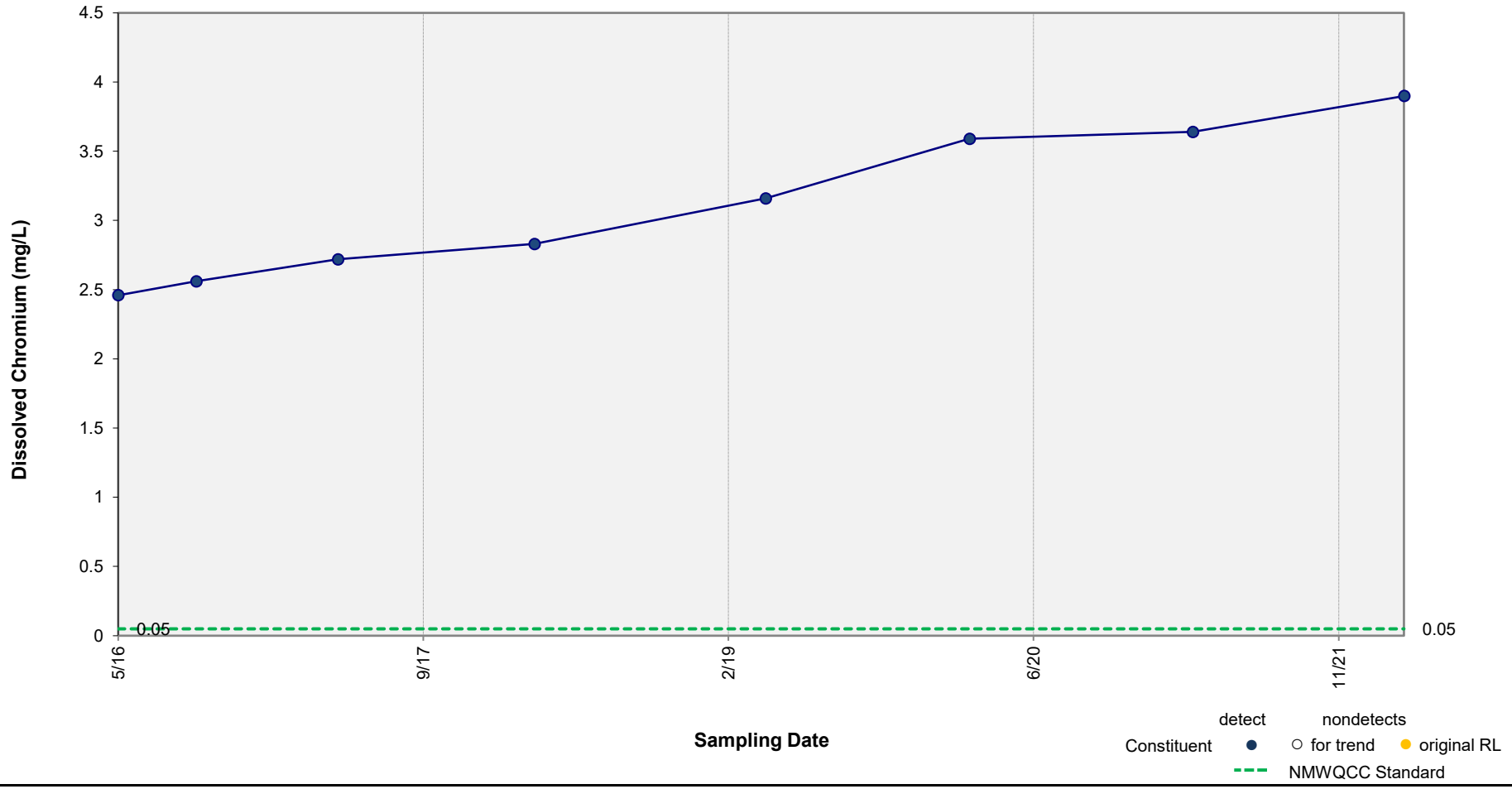
Concentration vs. Time Plot - Dissolved Chromium in MW094

Eunice North

Figure G-1



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

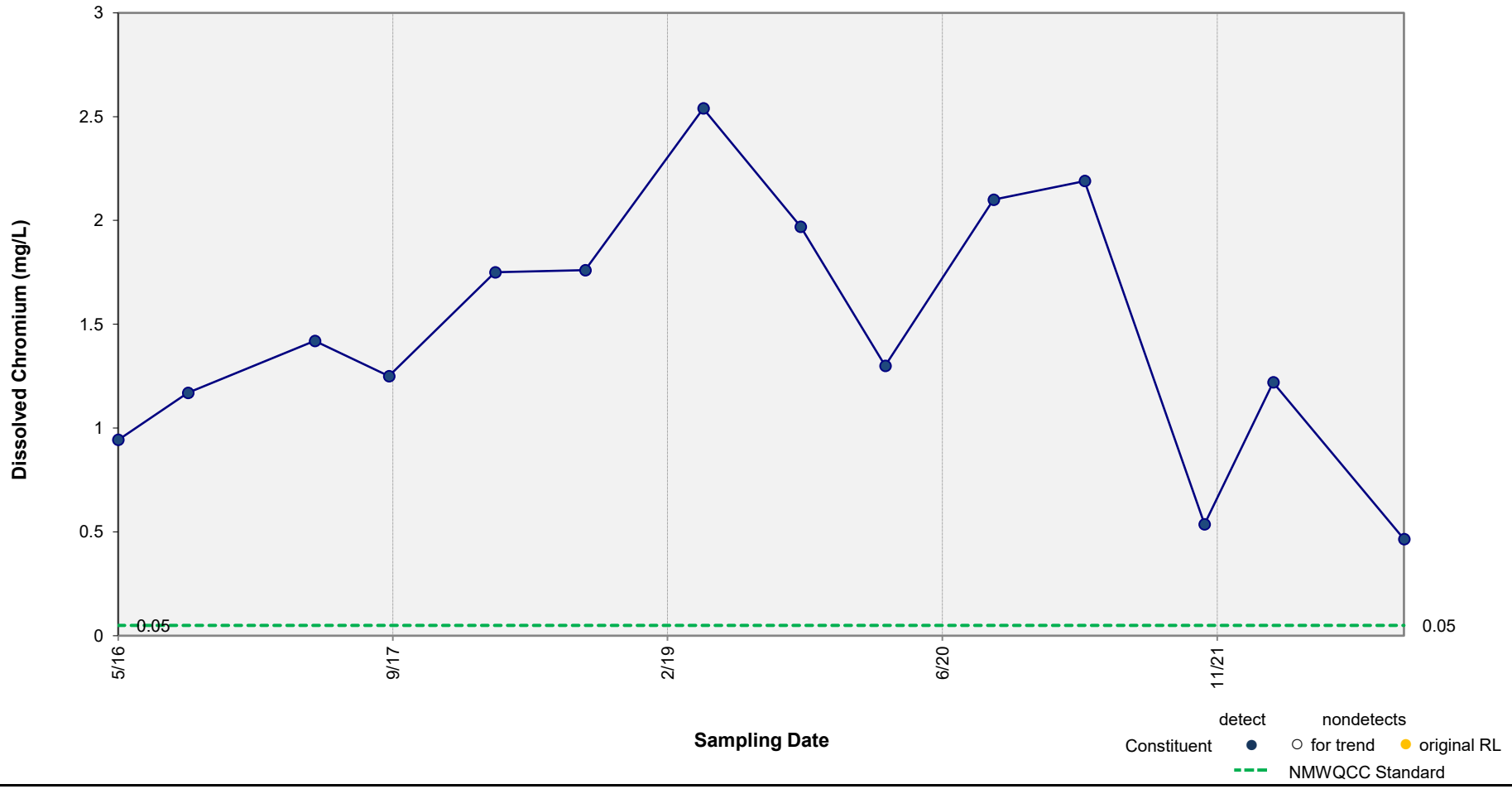
p value = <0.001 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW058

Eunice North

Figure G-2



Results of Mann-Kendall Test for Trend: **Stable**

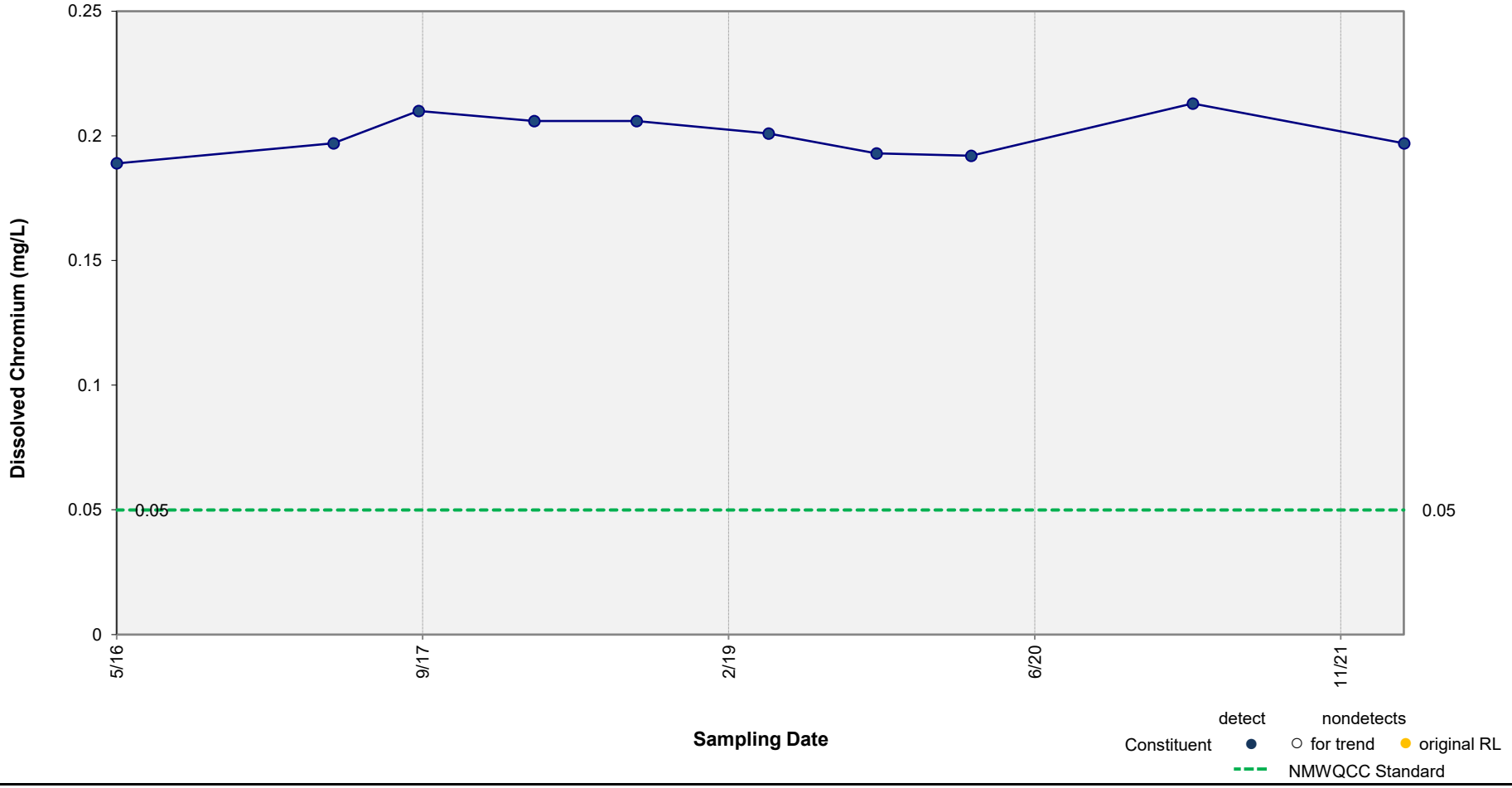
p value = 0.371 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW013

Eunice North

Figure G-3



Results of Mann-Kendall Test for Trend: **Stable**

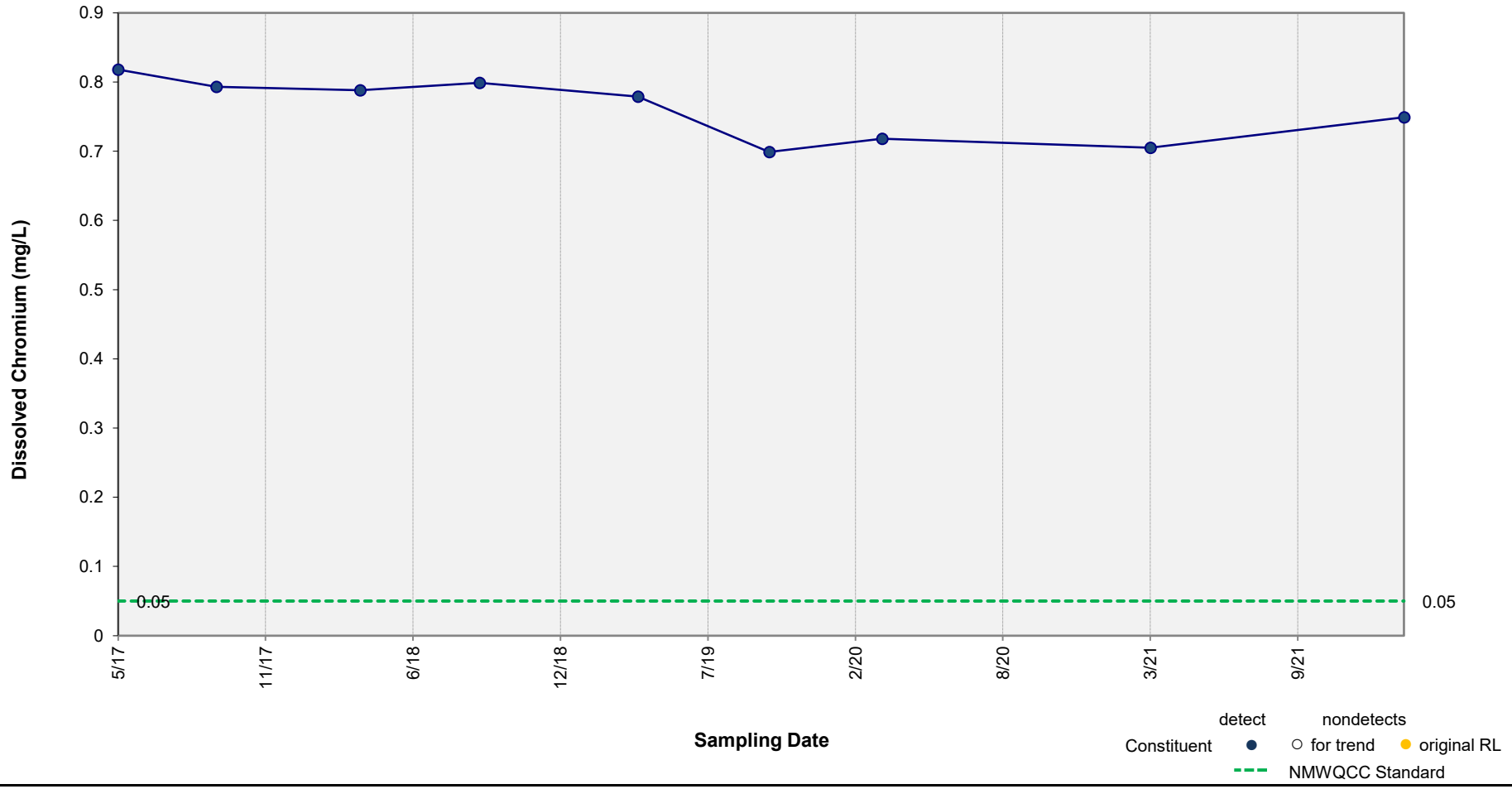
p value = 0.500 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW041A

Eunice North

Figure G-4



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

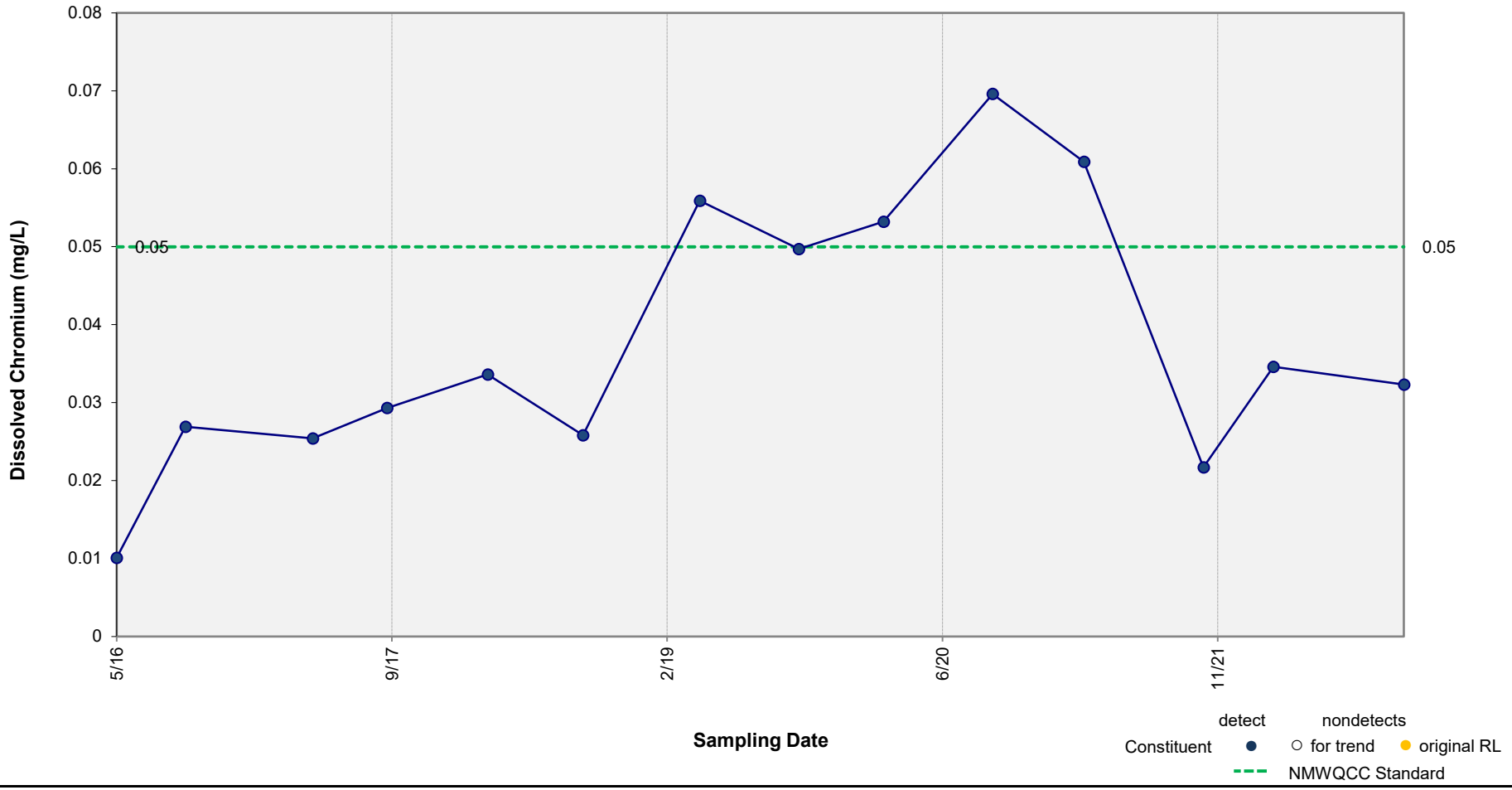
p value = 0.012 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW051SA (since 2017)

Eunice North

Figure G-5



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

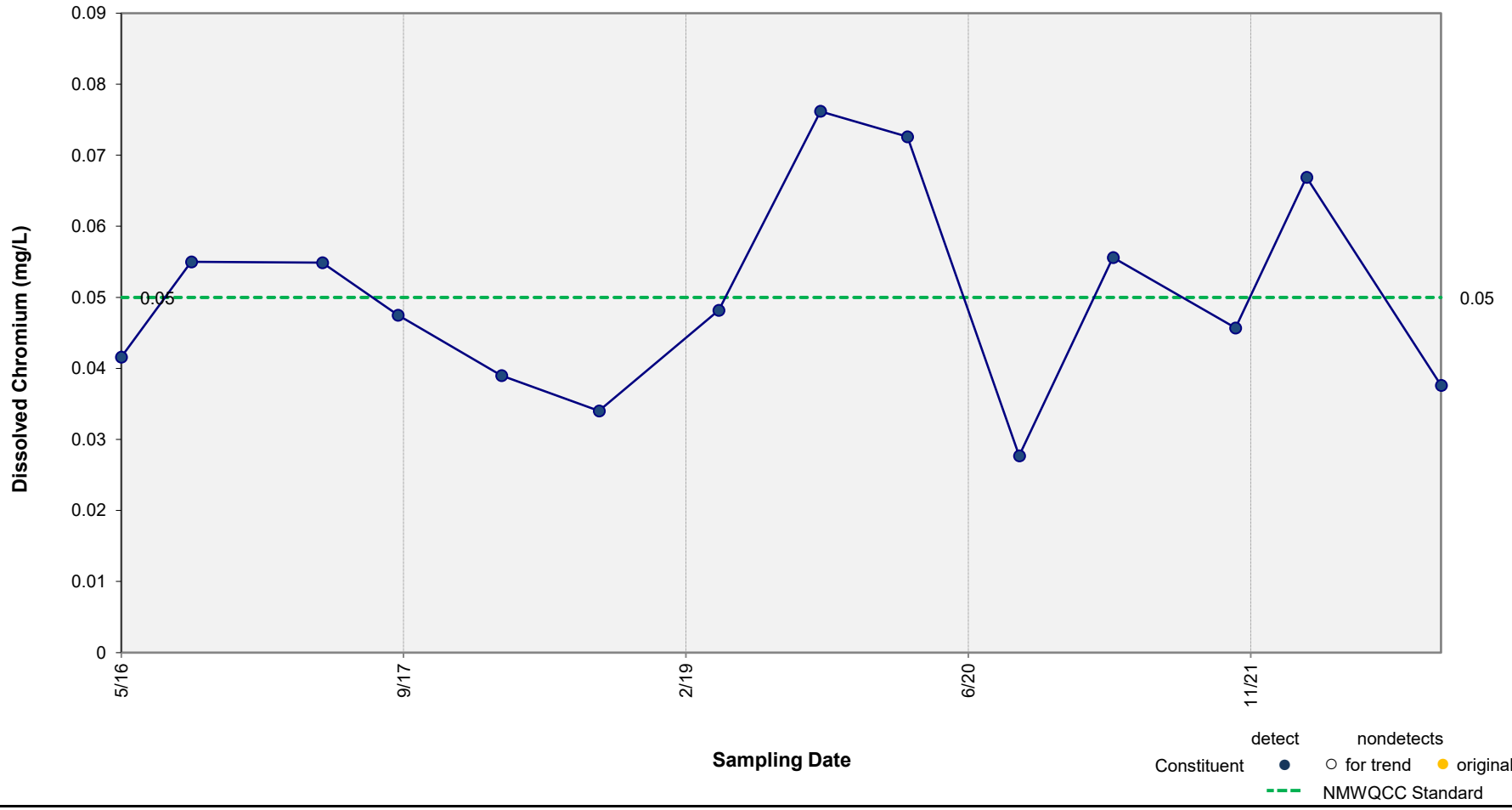
p value = 0.040 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Dissolved Chromium in MW085SA

Eunice North

Figure G-6



Results of Mann-Kendall Test for Trend: **Stable**

p value = 0.500 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
- (0.00710/0.00719) 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 11-12, 2022.
6. ONLY DATA COLLECTED IN FALL 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)
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 2022
MANN-KENDALL TREND SUMMARY

ARCADIS

FIGURE
G-8

DW/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F07-CHROMIUM FALL_recover.dwg LAYOUT: 7 SAVED: 2/3/2023 6:52 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 2/3/2023 7:00 PM BY: Y M. BABU
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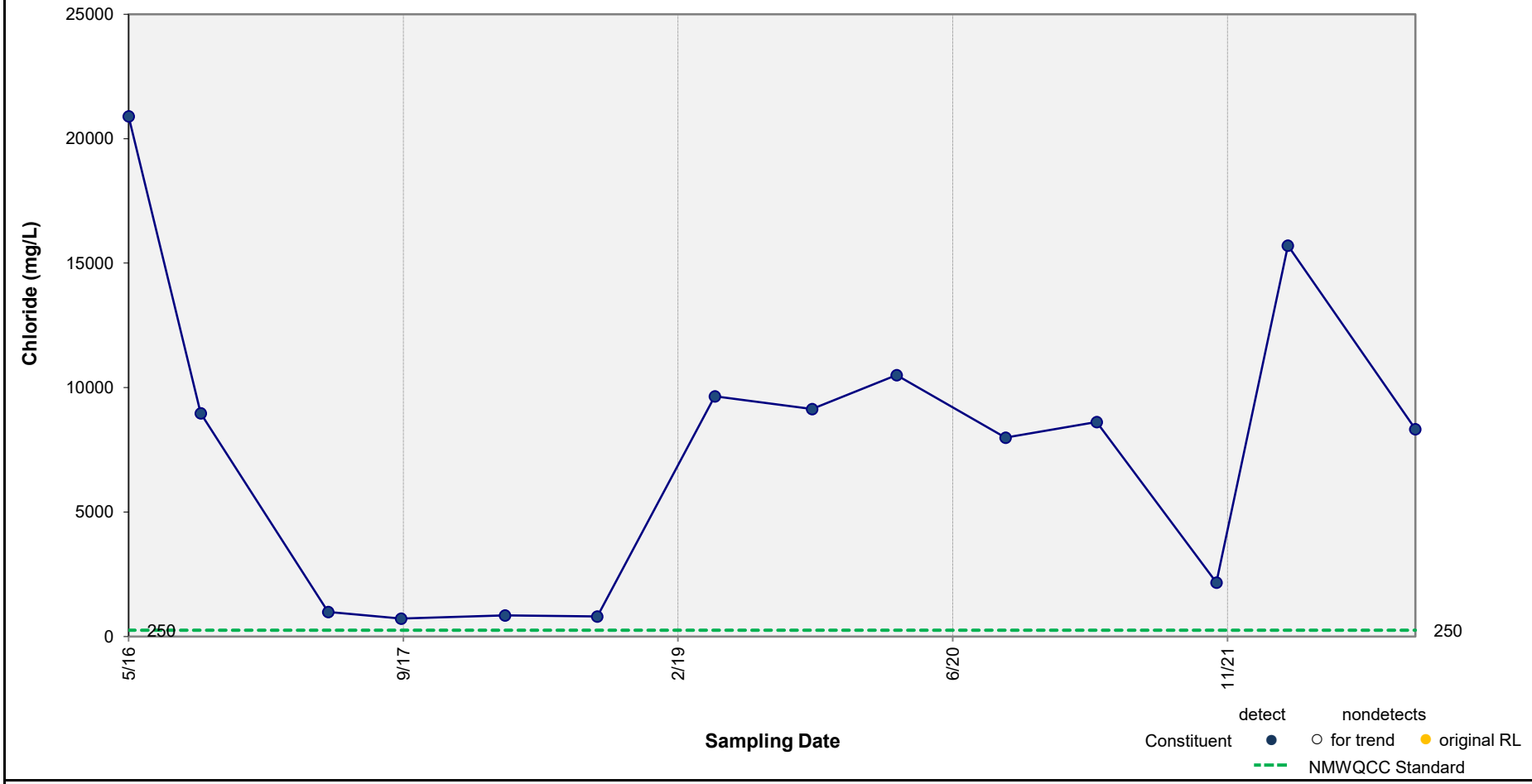
GEN-X-BASEMAP



Results of Mann-Kendall Test for Trend: **Stable**

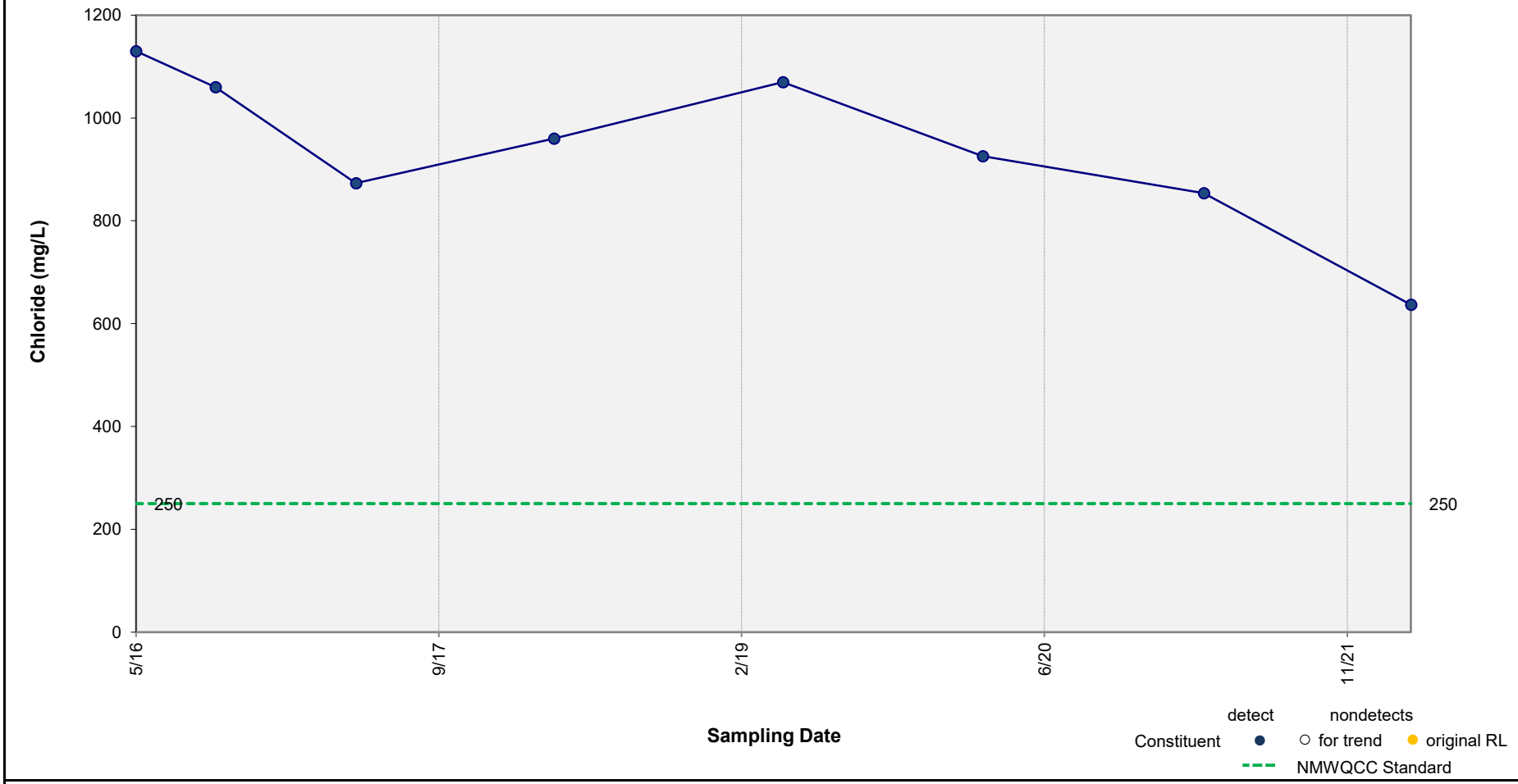
p value = 0.371 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW069

Eunice North

Figure G-9



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

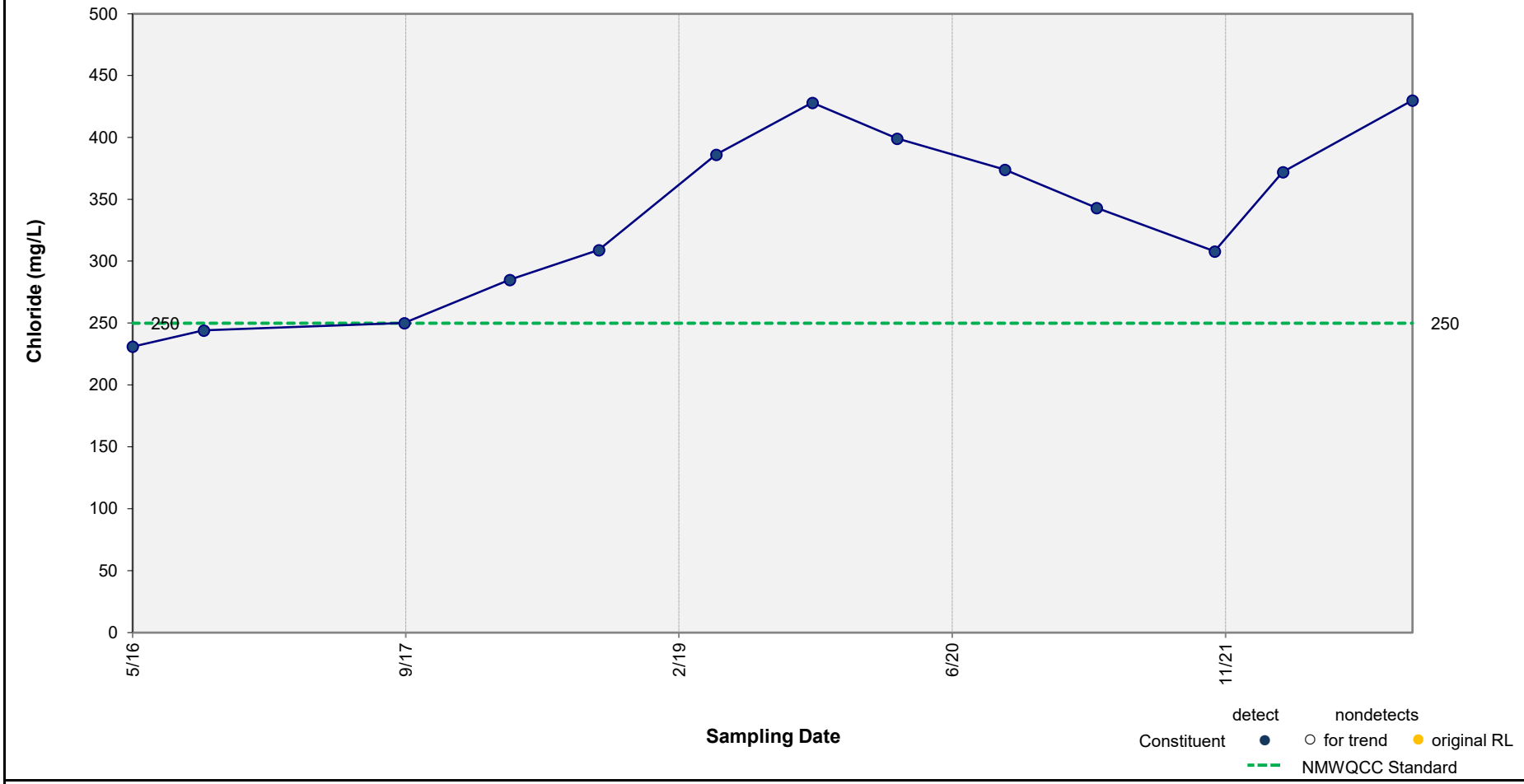
p value = 0.016 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW094

Eunice North

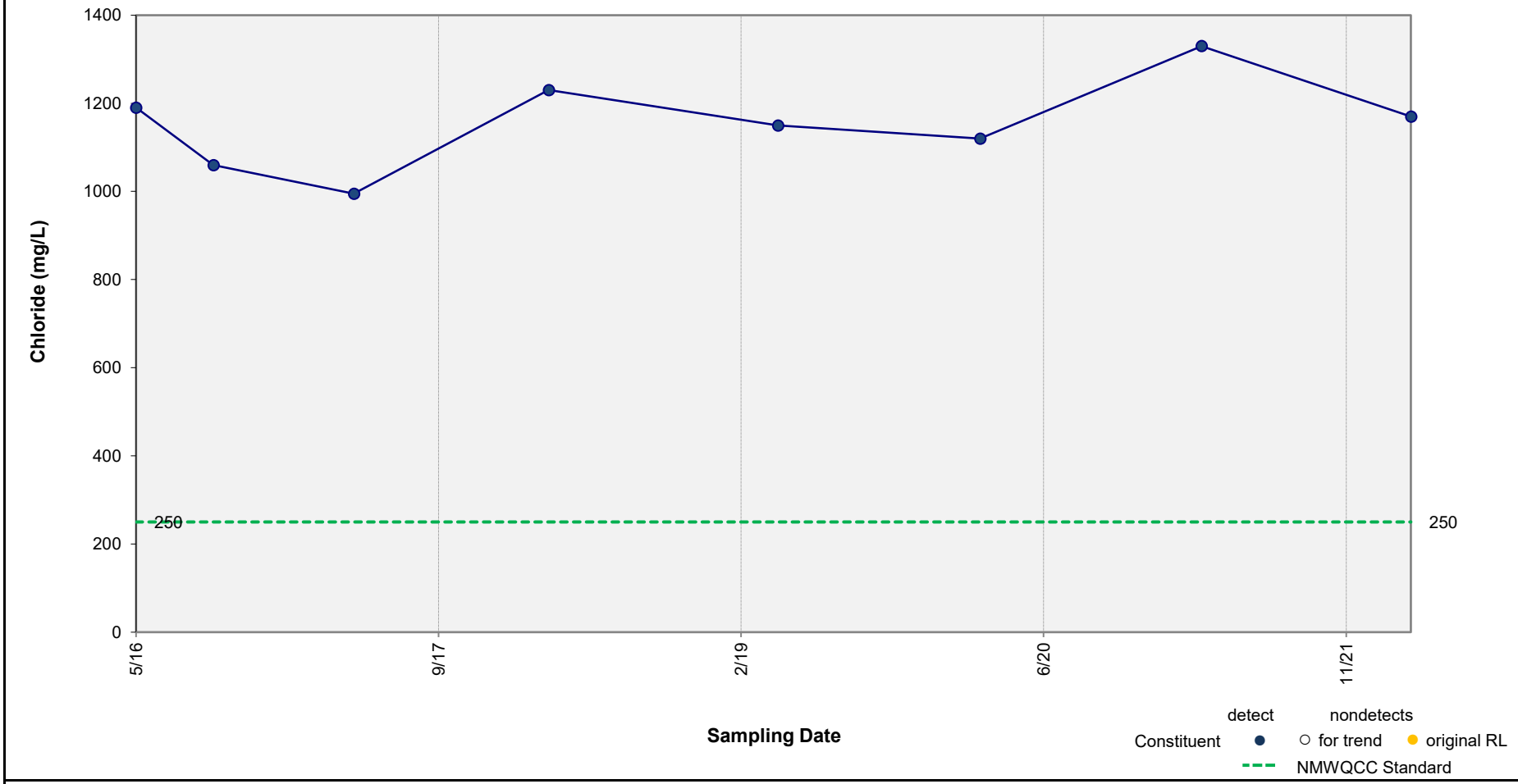
Figure G-10



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = 0.006 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**

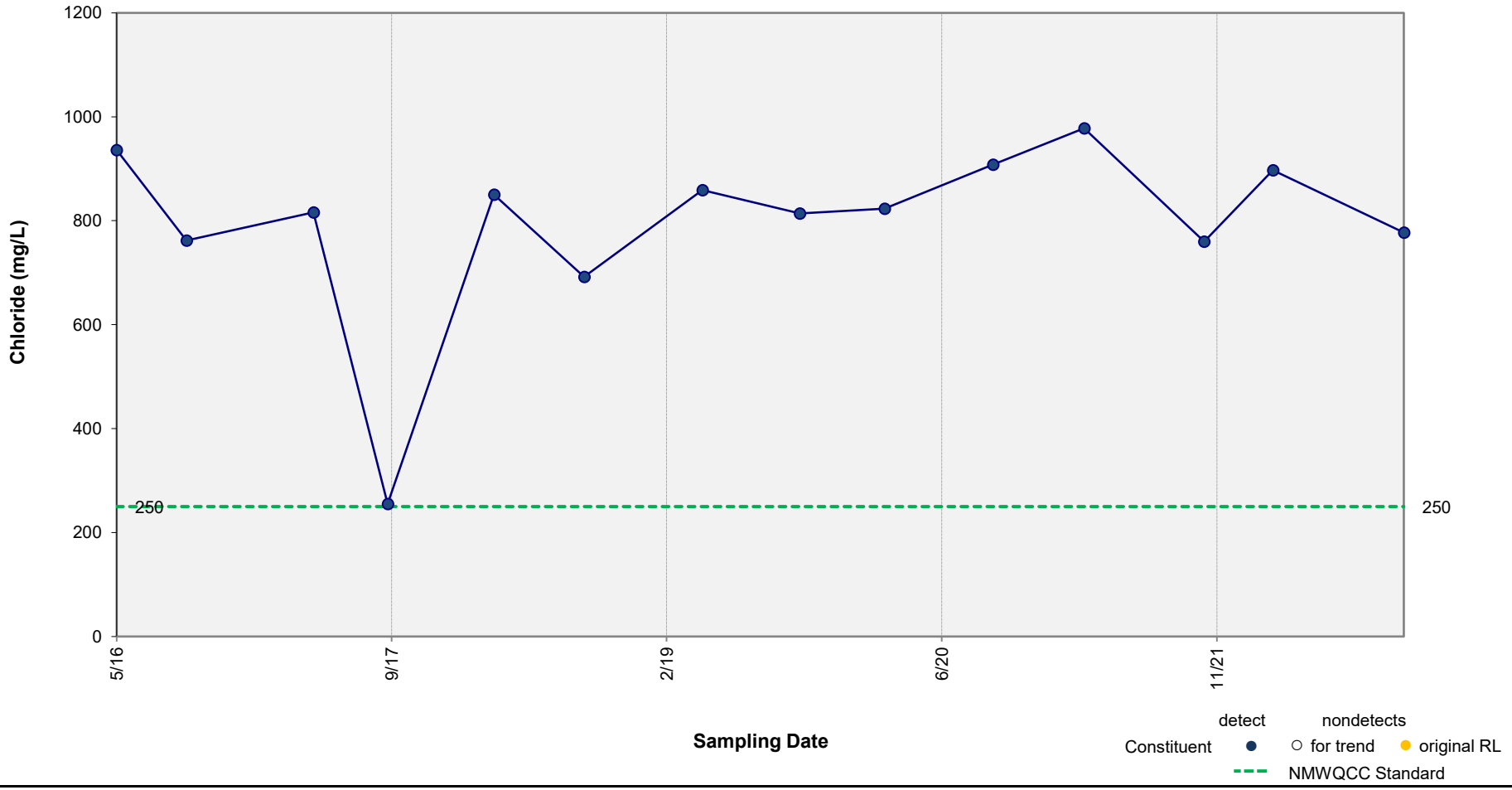
p value = 0.274 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW058

Eunice North

Figure G-12



Results of Mann-Kendall Test for Trend: **Stable**

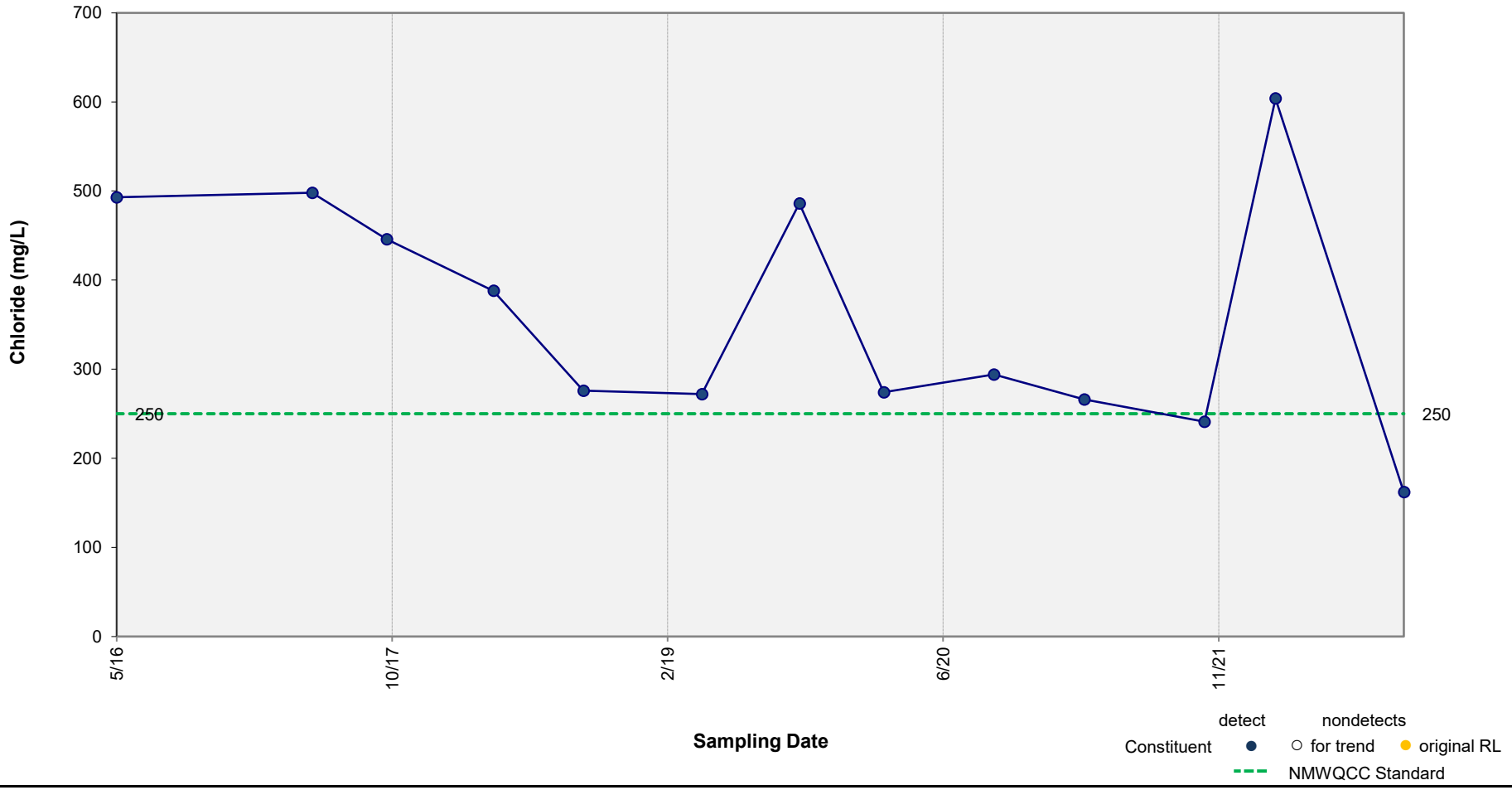
p value = 0.292 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW013

Eunice North

Figure G-13



Results of Mann-Kendall Test for Trend: **DECREASING TREND**

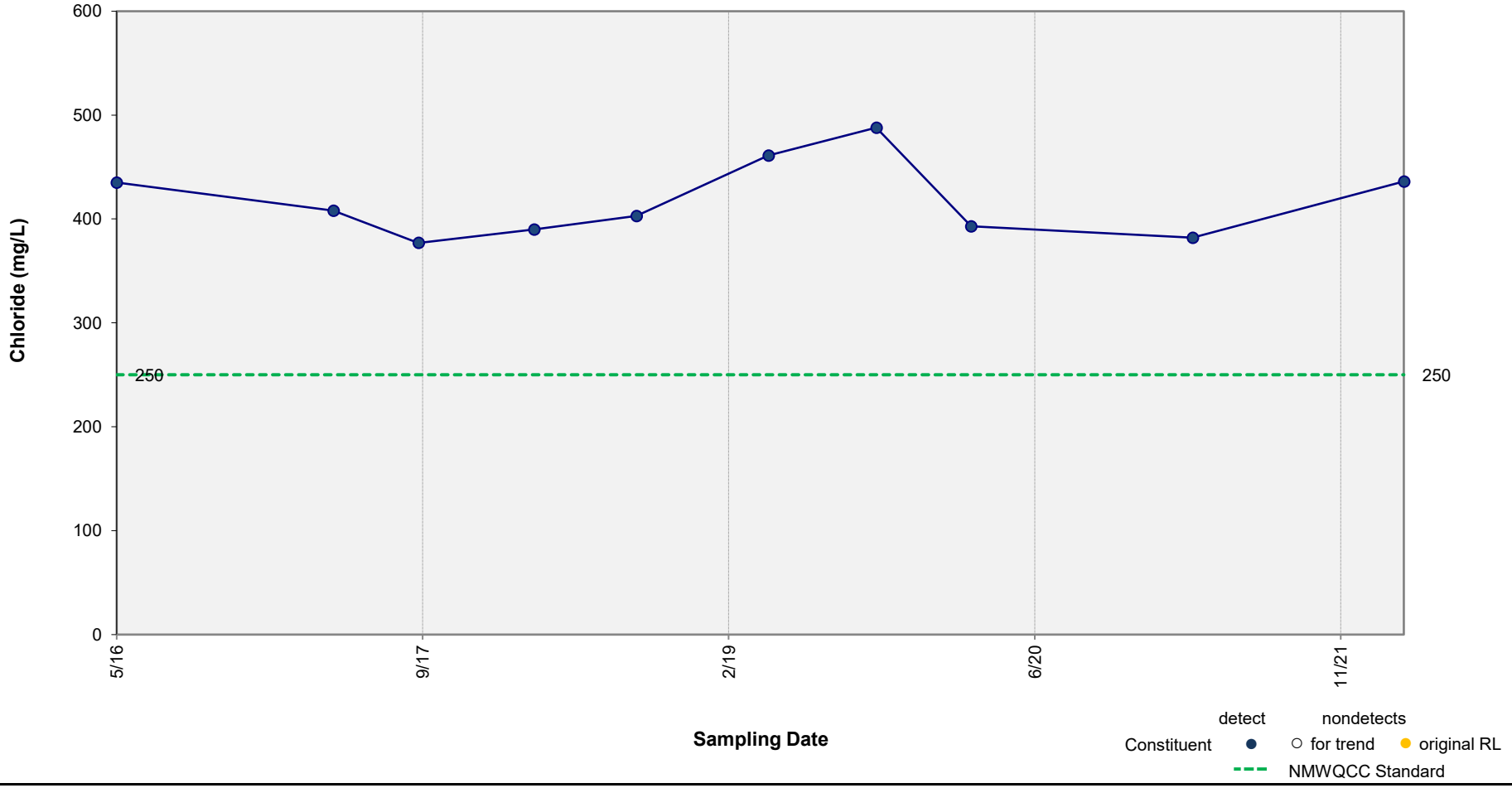
p value = 0.012 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW047

Eunice North

Figure G-14



Results of Mann-Kendall Test for Trend: **Stable**

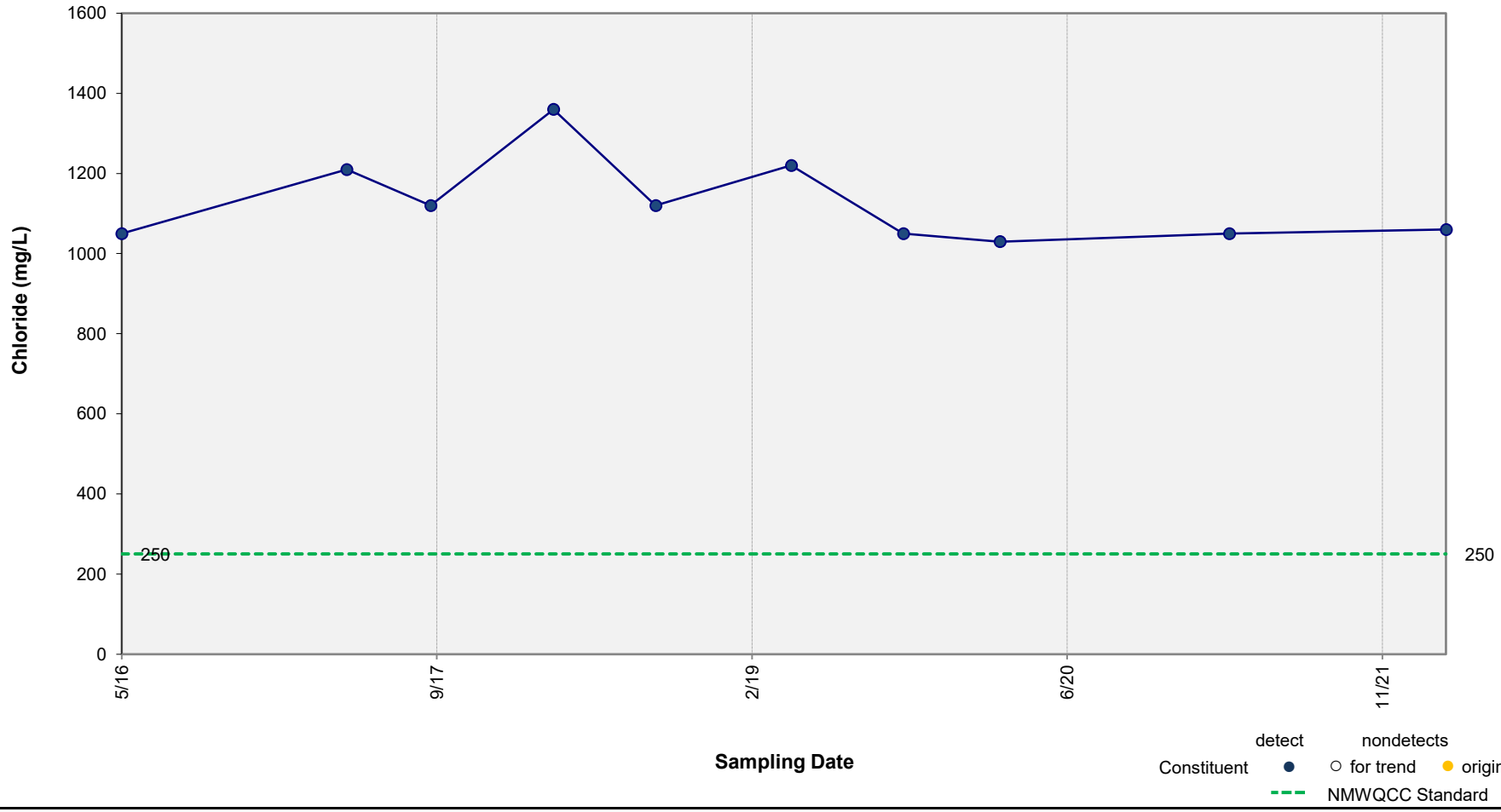
p value = 0.431 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW041A

Eunice North

Figure G-15



Results of Mann-Kendall Test for Trend: **Stable**

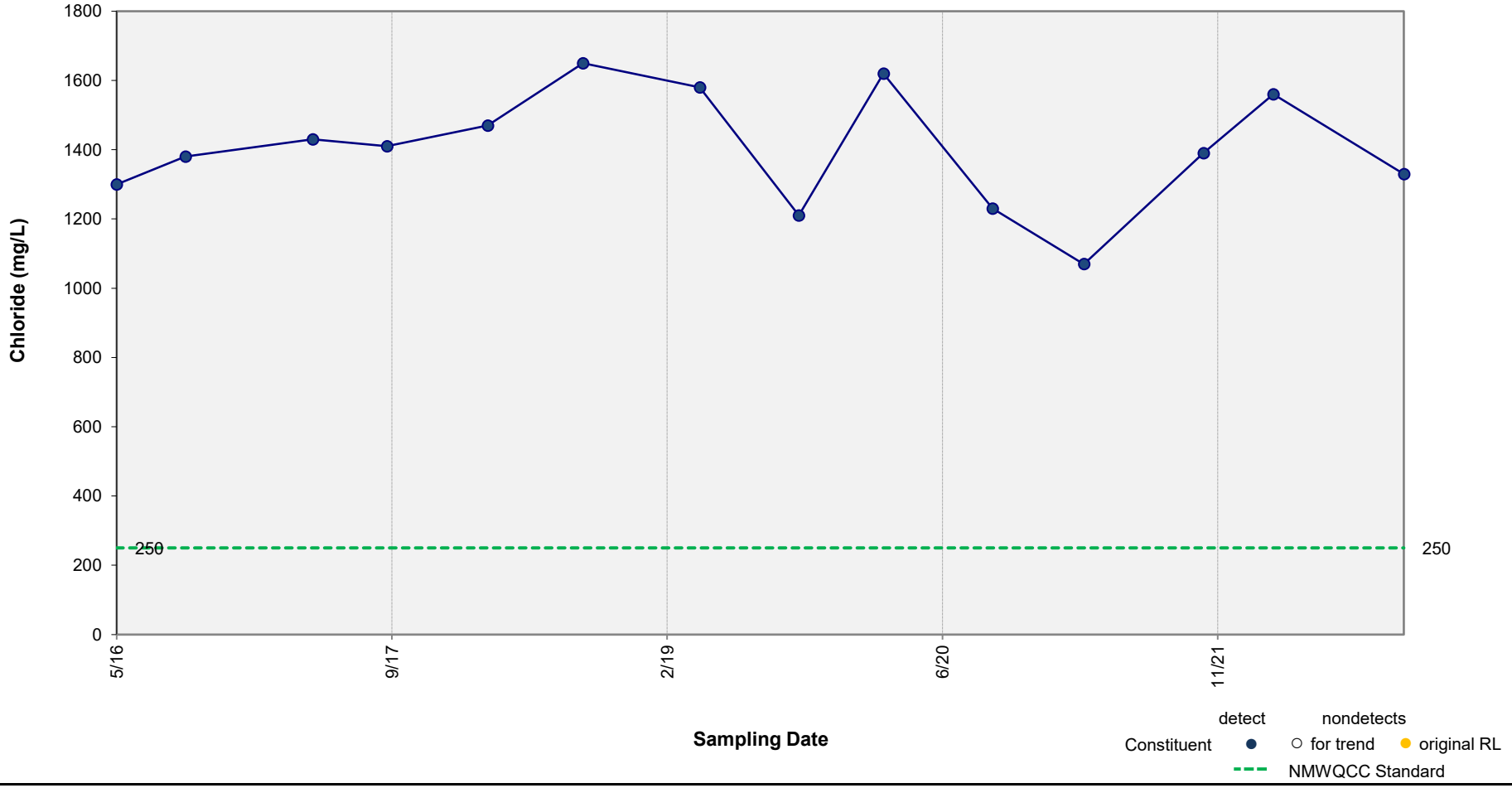
p value = 0.190 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW051SA

Eunice North

Figure G-16



Results of Mann-Kendall Test for Trend: **Stable**

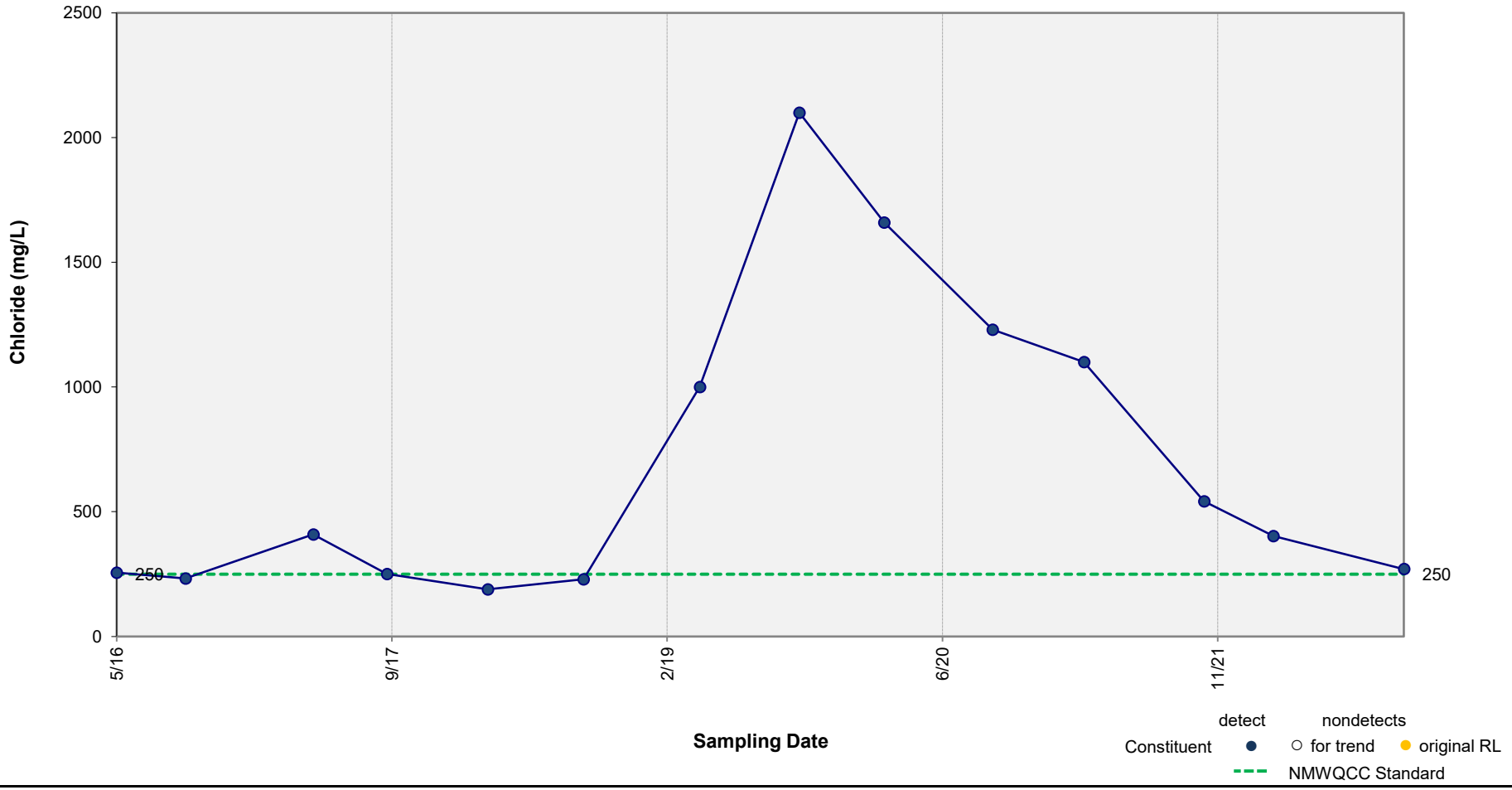
p value = 0.500 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW085SA

Eunice North

Figure G-17



Results of Mann-Kendall Test for Trend: **Variable**

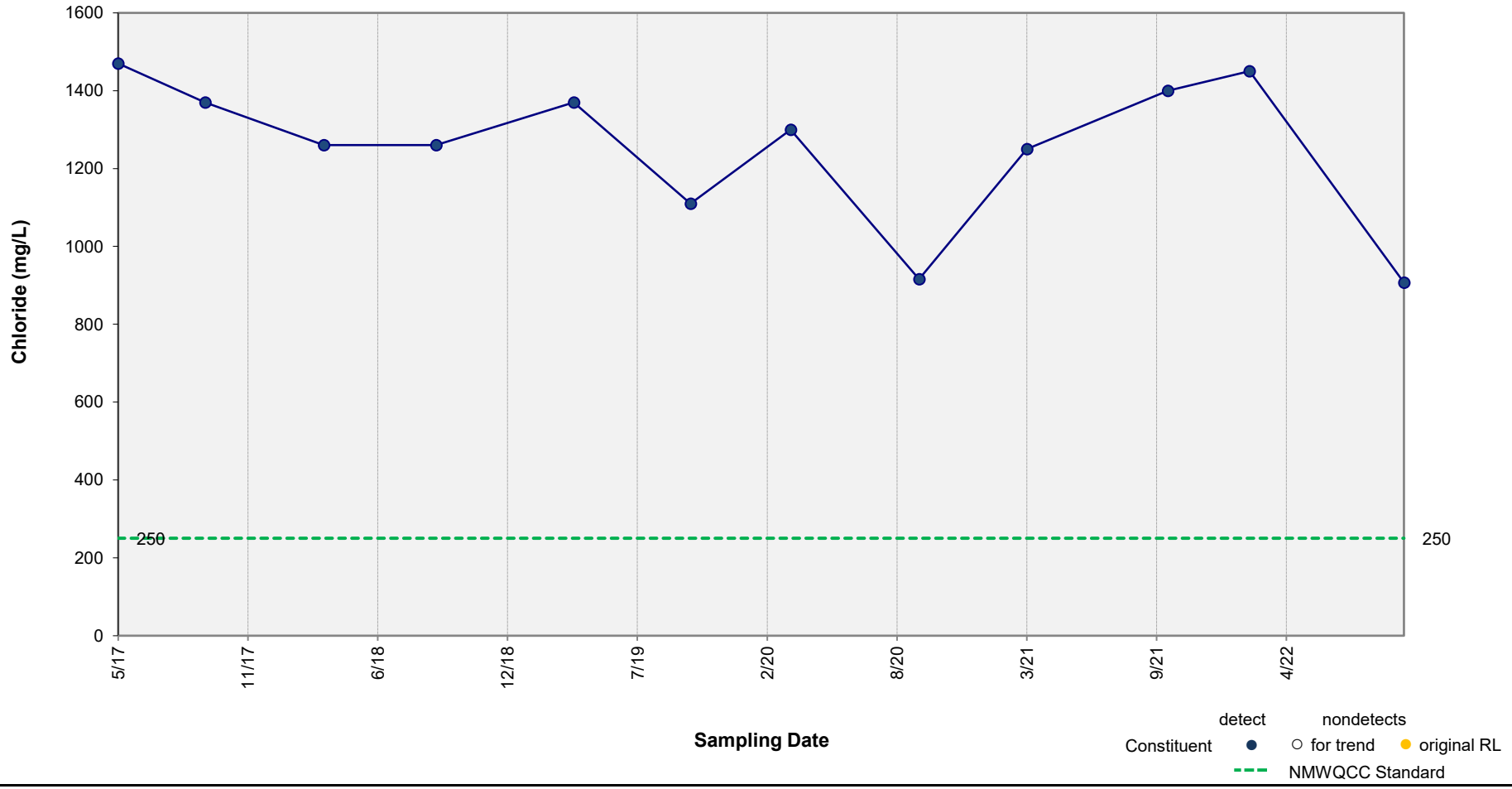
p value = 0.191 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW073SA

Eunice North

Figure G-18



Results of Mann-Kendall Test for Trend: **Stable**

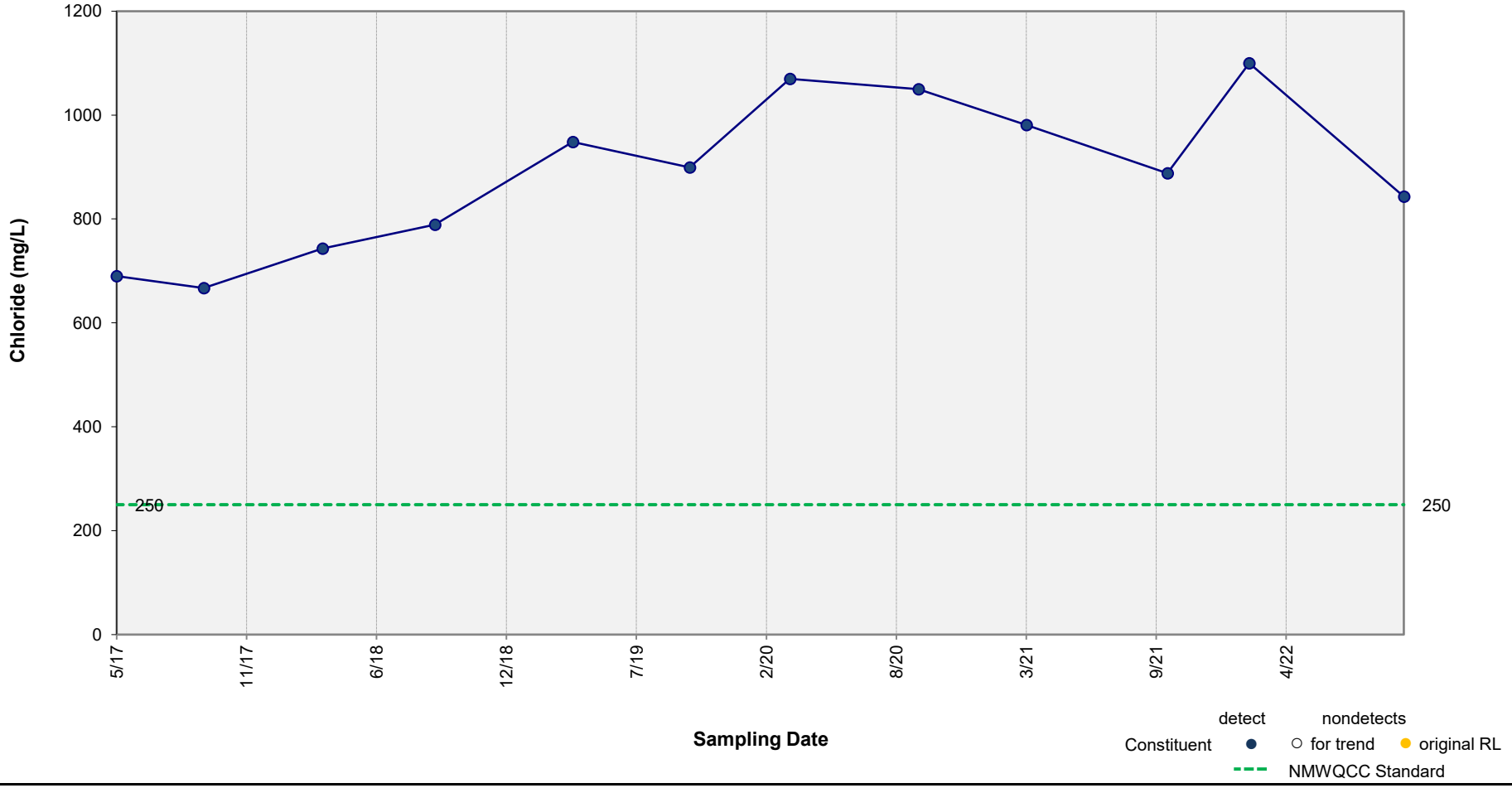
p value = 0.151 Note: p value < 0.1 indicates a statistically significant trend (90% confidence level).

ARCADIS

Concentration vs. Time Plot - Chloride in MW086SA (since 2017)

Eunice North

Figure G-19



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = 0.017 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
- (569/580) 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

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 11-12, 2022.
6. ONLY DATA COLLECTED IN FALL 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

20th STREET

19th STREET

18th STREET

17th STREET

16th STREET

15th STREET

AVENUE "R"

AVENUE "Q"

AVENUE "P"

AVENUE "O" (STATE HIGHWAY NO. 8)

MAIN STREET (STATE LOOP 207)

WOODELLWW (NS)

LORDWW (NS)

ROLANDWW (NS)

TEAGUE (NS)

N

0 300' 600'

GRAPHIC SCALE

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

CHLORIDE 2022 MANN-KENDALL TREND SUMMARY

ARCADIS

FIGURE
G-21

DIV/GROUP: ENVCAD
C:\Users\ymb2640\ACCDocs\Arcadis\AUS-CHEVRON-FORMER EUNICE NORTH GAS PLANT-EUNICE New Mexico\Project Files\2023\01-In Progress\01-DWG\GWM-2022Q4-F05-CHLORIDE FALL.dwg LAYOUT: 5 SAVED: 2/3/2023 6:50 PM ACADVER: 24.1S (LMS TECH) PAGESETUP: ----
PLOTSTYLETABLE: ---- PLOTTED: 2/3/2023 7:00 PM BY: Y M, BABU
XREFS: IMAGES:
C-X-D-TITLE_32103206
GEN-X-BASEMAP

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 199801

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 199801
	Action Type: [UF-GWA] Ground Water Abatement (GROUND WATER ABATEMENT)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Review of 2022 Annual GW Monitoring Report: Content satisfactory 1. Accepted for the record. Please refer to OCD approved Stage 2 Abatement Plan under application ID 157671 for most updated information. 2. Submit the Annual Groundwater Monitoring Report to OCD no later than April 1, 2024.	4/10/2023