



2025 SEMI-ANNUAL GROUNDWATER MONITORING REPORT

PowerSouth Energy Cooperative



Charles R. Lowman Power Plant
Leroy, Washington County, AL

PREPARED FOR:

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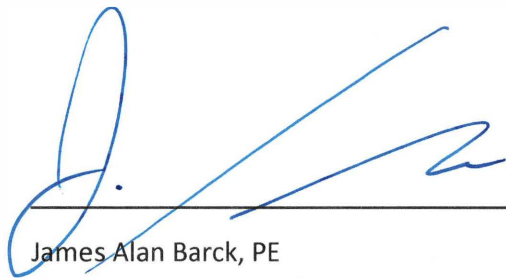
DATE: July 2025

PREPARED BY:

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CERTIFICATION STATEMENT

"I certify under penalty of law that I am a registered professional engineer familiar with the design and operation of the CCR disposal units at the Charles R. Lowman Power Plant. The activities and procedures discussed in the following Semi-Annual Groundwater Monitoring Report, in my opinion, meet the regulatory requirements under 40 CFR 257.70 and ADEM 335-13-15-.04 as they apply to the Charles R. Lowman Power Plant facility. The information submitted herein to the best of my knowledge and belief, is true, accurate, and complete. I am aware that there are significant penalties for submitting false information."


James Alan Barck, PE

State of Alabama Registration No. 32719



7-29-25

Date

EXECUTIVE SUMMARY

The following report provides a summary of the activities undertaken at the PowerSouth Charles R. Lowman Power Plant (Lowman facility) related to the groundwater monitoring requirements for Coal Combustion Residuals (CCR) Disposal units found in 40 CFR 257.90 and ADEM Admin. Code r. 335-13-15-06(1). This report provides documentation of the results of compliance groundwater monitoring activities completed at the Lowman facility between January 1, 2025 and June 30, 2025 including activities conducted in response to an Administrative Order (AO) No. 18-099-GW issued to PowerSouth by ADEM on August 15, 2018.

Detection Monitoring activities were initiated at the Lowman facility in October 2017. Assessment Groundwater Monitoring in accordance with the requirements of 40 CFR 257, and subsequently ADEM Admin. Code r. 335-13-15, was initiated at the Lowman facility in April 2018. For the current period, Assessment Groundwater Monitoring activities were conducted during the month of April 2025. Based on the groundwater monitoring results, concentrations of arsenic, cobalt, and lithium are indicated to be present at statistically significant levels (SSLs) above the Groundwater Protection Standards (GWPS) established for these constituents.

SSLs currently are indicated for these constituents in the corresponding wells below:

Arsenic	MW-17, MW-20, and MW-23
Cobalt	MW-3, MW-4, MW-5A, MW-14, MW-14A, and MW-17
Lithium	MW-5A, MW-7, MW-11, MW-14B, MW-17, MW-23, MW-24, and MW-25

SSLs have previously been indicated for these constituents during prior sampling events. The concentrations of these constituents in the indicated wells demonstrate stable to decreasing trends.

In response to the indicated SSLs, PowerSouth has undertaken the performance of an Assessment of Corrective Measures (ACM) in accordance with the requirements of 40 CFR 257.96 and ADEM Admin. Code r. 335-13-15-.06(7) to determine the appropriate course of corrective action for addressing the observed concentrations. Semi-annual Assessment Monitoring and reporting will continue to be conducted at the Lowman Facility.



TABLE OF CONTENTS

Section	Page
1.0 Introduction	1
2.0 Site Details.	1
3.0 Site Physical Setting	1
3.1 Site Geology	1
3.2 Site Hydrology	2
4.0 Summary of Current Site Activities.....	2
4.1 Groundwater Sampling.....	2
4.2 MW-3 Area Hydraulic Control System Conceptual Design.....	3
4.3 Replacement Monitoring Wells MW-2R and MW-4R	3
5.0 Groundwater Monitoring Program.....	3
5.1 Detection Monitoring	4
5.2 Assessment Groundwater Monitoring	5
5.3 Establishment of GWPSs.....	5
6.0 Groundwater Monitoring Activities.....	6
7.0 Assessment Monitoring Results.....	7
7.1 Groundwater Movement.....	7
7.2 Plume Delineation.....	7
7.3 SSL Determination	8
8.0 Summary and Conclusions.....	9
9.0 Recommendations	9
10.0 References	11

FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Map: Monitoring Well Locations
- Figure 3 Potentiometric Surface Map –April 15, 2025
- Figure 4A Arsenic Concentrations – Spring 2025
- Figure 4B Cobalt Concentrations – Spring 2025
- Figure 4C Lithium Concentrations – Spring 2025

TABLES

Table 1	2025 Semi-Annual Groundwater Monitoring Data
Table 2	2025 Groundwater Monitoring Results and Field Parameters
Table 3	Summary of Established Groundwater Protection Standards
Table 4	Summary of Appendix IV Statistically Significant Results

APPENDICES

Appendix A	Historical Groundwater Elevation Data Summary
Appendix B	Historical Groundwater Field Parameter Summary
Appendix C	2025 Field Sampling Log Forms
Appendix D	Historical Groundwater Analytical Data Summary
Appendix E	April 2025 Assessment Monitoring Laboratory Reports
Appendix F	2025 Statistical Evaluation of Groundwater Data
Appendix G	TW-1 Sampling Data and Analysis



1.0 INTRODUCTION

The following report provides a summary of the activities undertaken at the PowerSouth Charles R. Lowman Power Plant (Lowman facility) related to the groundwater monitoring requirements for Coal Combustion Residuals (CCR) disposal units found in 40 CFR 257.90 and ADEM Administrative Code 335-13-15-06(1). This report provides documentation of the activities completed at the Lowman facility between January 1, 2025 and June 30, 2025 including activities conducted in response to an Administrative Order (AO) No. 18-099-GW issued to PowerSouth by ADEM on August 15, 2018.

2.0 SITE DETAILS

The Charles R. Lowman Power Plant was a coal fired generating facility located along the west bank of the Tombigbee River near the community of Leroy in Washington County, Alabama (Figure 1). The former coal-fired power plant consisted of three generating units, coal off-loading and storage facilities, and on-site coal ash and process waste storage units (Figure 2). Coal-fired generating operations at the Lowman facility ceased in October 2020. The regulated CCR disposal unit remaining at the Lowman facility consists of the Unit #1 Ash Pond, the Unit #2/3 Ash Pond, and the Flue-Gas Desulfurization (FGD) Pond as shown in Figure 2.

3.0 SITE PHYSICAL SETTING

The Lowman facility is located within the Alluvial-Deltaic Plain district which is characterized by broad, flat flood plain and terraces within the valleys of the Tombigbee and Alabama River systems. The topography in the area surrounding the site is relatively flat with a maximum relief of less than 20 feet. The facility is located at an elevation of approximately 45 feet above mean sea level (amsl) and about 40 feet above the base-flow level of the Tombigbee River.

3.1 Site Geology

The surficial geology of Washington County, Alabama is characterized by Tertiary aged sedimentary units which strike to the northwest and dip to the southwest. Along the major stream valleys of the Alabama and Tombigbee rivers the localized surficial geology is

dominated by Quaternary age alluvial sediments and stream terrace deposits.

The Lowman facility is located within the alluvial valley along the west bank of the Tombigbee River. The site geology is dominated by Quaternary fluvial channel and terrace deposits. The sedimentary units beneath the main generating facility consist of interbedded clays, clayey sand and sand to a depth of approximately 90 to 100 feet. These units overlie bedrock comprised of weathered limestone most likely attributable to the Marianna Limestone of the Oligocene Series of the Coastal Plain Province.

3.2 Site Hydrology

The hydrology of the shallow aquifer beneath the Lowman facility has been characterized through the installation of a network of piezometers and monitoring wells. The current CCR monitoring network at the facility consists of 31 monitoring wells and 2 piezometers. The locations of these monitoring points are shown in Figure 2. The uppermost aquifer beneath the facility ranges from approximately 5 to 30 feet below ground surface across the facility with seasonal groundwater levels fluctuating over a range of up to 28 feet.

4.0 SUMMARY OF CURRENT SITE ACTIVITIES

During the period of January 2025 through June 30, 2025, semi-annual groundwater monitoring events were conducted at the Lowman facility in accordance with the requirements of 40 CFR 257 and ADEM 335-13-15. Other activities completed during 2025 have included the continued sampling of the additional temporary downgradient well TW-1 to help define the extent of the cobalt concentrations observed in monitoring well MW-3. PowerSouth also continues the evaluation of soil and groundwater data necessary to support the demonstration of monitored natural attenuation (MNA) as the selected remedy for the facility. These activities were performed as part of the Assessment of Corrective Measures (ACM) being conducted in response to indicated exceedances of the established groundwater protection standards at the facility.

4.1 Groundwater Sampling

Groundwater samples were collected from the facility's multi-unit monitoring well network following the procedures detailed in the revised Groundwater Sampling and

Analysis Plan (CDG, 2023). The results of these activities are detailed in the following sections.

4.2 MW-3 Area Hydraulic Control System Conceptual Design

In response to elevated levels of cobalt indicated in monitoring well MW-3, PowerSouth completed the conceptual design for a hydraulic control system to be implemented in the area upgradient of MW-3. A detailed discussion of this system design was provided in the MW-3 Area Hydraulic Control System Remedial Design Workplan (B&V, 2022) which was submitted to ADEM in January 2022. Since that time, PowerSouth has installed a temporary down gradient well (TW-1) at the property boundary beyond MW-3. The results of the groundwater samples collected from TW-1 do not indicate the presence of cobalt or other constituents of concern at levels above the established Groundwater Protection Standards (GWPS). Details of the well installation and sampling activities are provided in PowerSouth's response to comments provided to ADEM on May 8, 2023, and a summary of the current data from TW-1 is provided in Appendix G. Implementation of the measures detailed in the hydraulic control plan have been suspended pending the collection and evaluation of additional groundwater data from the temporary down-gradient well.

4.3 Replacement Monitoring Wells MW-2R and MW-4R

As part of the redevelopment of the Lowman facility property, it was necessary to relocate monitoring wells MW-2 and MW-4. Replacement wells MW-2R and MW-4R were installed in July 2023. These activities were detailed in the Well Abandonment and Reinstallation Report prepared in October 2023. PowerSouth is currently collecting groundwater data from these replacement wells and will determine how this data will be treated with regards to the historical data from wells MW-2 and MW-4 once a sufficient sample population has been accumulated for proper statistical evaluation.

5.0 GROUNDWATER MONITORING PROGRAM

Groundwater sampling activities using the established multi-unit groundwater monitoring network at the Lowman facility have been on-going since March 2016. Eight independent background sampling events were conducted at the facility prior to the initiation of

Detection Monitoring in October 2017. A detailed discussion of the sampling procedures used for collecting represented groundwater samples at the Lowman facility can be found in the revised Groundwater Sampling and Analysis Plan (CDG, 2023).

5.1 Detection Monitoring

In accordance with the requirements of 40 CFR 257, and subsequently ADEM 335-13-15, Detection Monitoring activities were initiated at the Lowman facility in October 2017. During each semi-annual event groundwater samples are collected and submitted for laboratory analysis for the constituents included in Appendix III of 40 CFR Part 257 and Appendix III of ADEM 335-13-15. The Appendix III constituents include:

- Boron
- Calcium
- Chloride
- Fluoride
- Sulfate
- Total Dissolved Solids
- pH

As required under 40 CFR 257.93 and ADEM 335-13-15-.06(4), Appendix III concentrations in wells down gradient of the CCR disposal units at the facility are compared to the concentrations of these constituents in the background monitoring wells MW-1, MW-2, and MW-2R using the statistical procedures detailed in the revised Lowman Power Plant Statistical Analysis Plan (GSC, 2023).

As first discussed in the 2017 Annual Groundwater Monitoring Report (CDG, 2018), the results of the statistical evaluation conducted on the initial October 2017 Detection Groundwater Monitoring data indicated statistically significant increase (SSIs) above background levels for several of the Appendix III constituents in one or more of the down gradient wells. Confirmation sampling activities were conducted at the Lowman facility in December 2017 with those results confirming the indicated presence of SSIs.

In response to the indicated presence of SSIs for one or more of the Appendix III constituent concentrations, Assessment Groundwater Monitoring in accordance with the

requirements of 40 CFR Part 257.95 and subsequently ADEM 335-13-15-.06(6) was initiated at the Lowman facility in April 2018.

5.2 Assessment Groundwater Monitoring

The on-going Assessment Monitoring at the Lowman facility includes the collection and analysis of groundwater samples for the constituents listed in Appendix III and Appendix IV of 40 CFR Part 257 and Appendix IV of ADEM 335-13-15. The Appendix IV constituents include:

- | | |
|-------------|--------------------|
| - Antimony | - Lead |
| - Arsenic | - Lithium |
| - Barium | - Mercury |
| - Beryllium | - Molybdenum |
| - Cadmium | - Selenium |
| - Chromium | - Thallium |
| - Cobalt | - Combined Radium- |
| - Flouride | 226 & Radium-228 |

5.3 Establishment of GWPSs

As required under 40 CFR 257.95(h) and ADEM 335-13-15-.06(6)(h) GWPS have been established for each of the Appendix IV constituents. The GWPS have been developed taking into account the observed range of concentrations within the background data set. The statistical methods used for establishing background are detailed in the revised Lowman Power Plant Statistical Analysis Plan. (GSC, 2023). The results of the current background calculations are included in Appendix F.

The calculated upper tolerance limit (UTL) for each of the Appendix IV constituents was compared to the published maximum contaminant levels (MCLs) for each of these constituents. The GWPS for each constituent was established based on the higher of either the background UTL or the published MCL. Table 3 summarizes these values and lists the established GWPS for each of the Appendix IV constituents. The MCLs for the constituents, cobalt, lead, lithium, and molybdenum, are based on the limits listed under 40 CFR 257.95(h)(2) and incorporated into ADEM 335-13-15-.06(6)(h)2 in October 2021. The

GWPS for the Lowman facility listed in Table 3 reflects these limits.

In accordance with the procedures outlined in Section 2.2 of the Revised Facility Statistical Analysis Plan. (GSC, 2023) background interwell UTLs are updated every two years by incorporating the recent screened data from the background wells into the existing background data set. The updated background UTLs for the Appendix IV constituents as of October 2023 are reflected in Table 3.

As shown in Table 3, cobalt was found to have a background UTL (0.013 mg/L) which is higher than the published limit of 0.006 mg/L. The GWPS for cobalt has therefore been established at the updated background limit of 0.013 mg/L.

6.0 GROUNDWATER MONITORING ACTIVITIES

Under the current Assessment Groundwater Monitoring program, the semi-annual sampling event was conducted at the Lowman facility during April 2025. Static water level measurements were taken within each monitoring well on April 15, 2025. The depth to the static water level within each well was measured relative to the top of the casing using an electronic water level indicator. Using the established top of casing elevations, groundwater levels relative to MSL were then calculated for each well. The water level measurements and calculated groundwater elevations are summarized in Table 1. Interpreted potentiometric surfaces for the shallow alluvial aquifer beneath the facility, based on the water level measurements taken on April 15, 2025 are shown in Figure 3.

During the April 2025 semi-annual event, groundwater samples were collected from each of the site monitoring wells. Prior to sample collection, each well was properly purged using low-flow methods until the field parameters of pH, conductivity, oxidation-reduction potential, and dissolved oxygen had stabilized, and the turbidity of the purged water was indicated to be below 5 NTUs. Well purging and sampling was conducted using the dedicated bladder pumps installed in each well and the field parameters were monitored during purging using a flow-thru cell equipped with a YSI multi-probe sonde and meter. Periodic measurements of flow rate, groundwater physical characteristics and parameters were recorded on the field sampling log for each well. Copies of the field sampling logs are

included in Appendix C. A summary of the current and historical stabilized groundwater field parameters for each well is provided in Table 2 and Appendix B.

Following purging, groundwater samples were collected in laboratory-supplied, pre-preserved containers and subsequently transported to the analytical laboratory under proper chain of custody and sample handling protocols. The laboratory results for the groundwater samples submitted during the April 2025 semi-annual event are summarized in Table 2 and the analytical laboratory reports for the April 2025 semi-annual event are included in Appendix E. As shown in Table 2, the analyses indicated detectable concentrations of each of the Appendix IV constituents with the exception of beryllium, lead, mercury, and thallium, in one or more of the groundwater samples submitted from the April 2025 event. The reported concentrations of the Appendix IV constituents (arsenic, cobalt, and lithium) detected in each of the site monitoring wells based on the April 2025 semi-annual sampling event are illustrated in Figures 4A through 4C.

7.0 ASSESSMENT MONITORING RESULTS

7.1 Groundwater Movement

Based on water level measurements taken on April 15, 2025, an interpreted potentiometric surface map for the alluvial aquifer beneath the Lowman facility was constructed and is illustrated in Figure 3. As can be seen in these figures, the predominant hydraulic gradient beneath the facility is to the east with minor components toward the south and southeast. This is consistent with the previously developed conceptual hydraulic model for the site.

7.2 Plume Delineation

The analytical results from the April 2025 semi-annual Assessment Monitoring event were evaluated to identify the presence and define the limit of potential groundwater impacts related to CCR management at the Lowman facility. The distribution of the key Appendix IV constituents arsenic, cobalt and lithium in groundwater across the site based on the April 2025 sampling results are illustrated in Figures 4A through 4C. As shown in these figures, it is difficult to discern a distinct plume with respect to any of these constituents in relation to the CCR disposal unit.

7.3 SSL Determination

As required under 40 CFR 257.95(g) and ADEM Code 335-13-15-.06(6)(g) an evaluation of the Appendix IV constituent concentrations detected in the down gradient monitoring wells has been conducted with respect to the established GWPS. The evaluation of the down-gradient groundwater concentrations was performed by Groundwater Stats Consulting (GSC) in accordance with the methods detailed in the Revised Lowman Power Plant Statistical Analysis Plan (GSC, 2023). The evaluation conducted by GSC involved constructing 95% confidence intervals based on the observed concentrations of each of the Appendix IV constituents in each of the down-gradient wells. A statistically significant level (SSL) is indicated if the limits of the confidence interval constructed for each well/constituent pair falls entirely above the established GWPS. A copy of the evaluation provided by GSC which includes a detailed discussion of the statistical approach is included as Appendix F.

Based on this evaluation, and as summarized in Table 4, it has been determined that SSLs with respect to the GWPS exist for the following constituents in the corresponding wells:

Arsenic	MW-17, MW-20, and MW-23
Cobalt	MW-3, MW-4, MW-5A, MW-14, MW-14A and MW-17
Lithium	MW-5A, MW-7, MW-11, MW-14B, MW-17, MW-23, MW-24, and MW-25

SSLs have previously been indicated for these constituents during prior sampling events.

Using the current and historical data from the Assessment Monitoring activities, GSC performed trend analyses on the concentrations of arsenic, cobalt and lithium within the wells listed above. The concentrations of each of these constituents were indicated to demonstrate either a statistically significant decreasing trend or no discernable trend which would be an indicator of stability. The results of the trend analyses are provided in the GSC report included in Appendix F.

8.0 SUMMARY AND CONCLUSIONS

A groundwater monitoring program continues to be implemented at the Lowman facility in accordance with the requirements of 40 CFR 257.90 and ADEM 335-13-15-.06(1) related to the CCR disposal units. Due to indicated SSLs in the concentrations of Appendix III constituents following the October 2017 Detection Monitoring event, Assessment Groundwater Monitoring was initiated at the Lowman facility in April 2018.

As required under 40 CFR 257.95(h) and ADEM Admin. Code r. 335-13-15-.06(6)(h), GWPS have been established for each of the Appendix IV constituents. The results of the Assessment Monitoring sample analyses from the April 2025 semi-annual event indicates the presence of SSLs for several of the Appendix IV constituents at concentrations above the established GWPS. In response to the indicated SSLs, PowerSouth has implemented an Assessment of Corrective Measures (ACM) in accordance with the requirements of 40 CFR 257.96 and ADEM Admin. Code r. 335-13-15-.06(7) to determine the appropriate course of corrective action for addressing the observed concentrations.

Based on the historical groundwater monitoring data and the results of the April 2025 semi-annual sampling event, concentrations of the Appendix IV constituents arsenic, cobalt, and lithium are indicated to be present at levels representing SSLs above the GWPS for these constituents. Arsenic and cobalt have been determined to be present at concentrations exceeding the established GWPS near the down gradient property boundary. Based on trend analyses performed by GSC, statistically significant decreasing trends were indicated for arsenic in MW-20 and cobalt in MW-3.

9.0 RECOMMENDATIONS

All of the constituents included under Appendix III and Appendix IV are naturally occurring and would therefore be expected to be present at varying concentrations within the shallow aquifer beneath the facility under ambient conditions. As discussed in more detail within the 2019 Annual Groundwater Monitoring Report (CDG, 2019b), there is reasonable evidence to support a conclusion that the detected concentrations within many of the site wells could be attributable to natural occurrence rather than solely related to the CCR waste management activities at the facility. PowerSouth is continuing to conduct

investigative activities to support this conclusion as well as to demonstrate that any residual groundwater impacts related to the CCR management activities could be readily addressed through natural attenuation processes occurring beneath and within the boundaries of the Lowman facility.

At the present time, it has yet to be determined to what extent the concentrations occurring within groundwater beneath the Lowman facility are attributable to the site activities versus the naturally occurring levels of these constituents. PowerSouth will continue to investigate the nature and monitor the extent of the observed groundwater concentrations.

PowerSouth has provided notification to the owner of the property to the south of the Lowman facility concerning the indicated presence of a SSL of cobalt in monitoring well MW-3. PowerSouth has pursued an access agreement to install an off-site delineation well on the adjacent property to the south of the Lowman facility. The negotiations with the adjacent property owner were unsuccessful.

In April 2023 PowerSouth installed a temporary monitoring well (TW-1) along the property boundary to the south of MW-3. The analytical results from the groundwater samples collected from this location indicated that the concentrations of all the Appendix IV constituents, including cobalt, were below the GWPS established for the site. The analytical results and statistical evaluation of the groundwater data from TW-1 are provided in Appendix G.

Additional sampling data will be necessary from this location to make a final determination; however, the current data would support a conclusion that the extent of any groundwater impacts from the CCR disposal unit in this area are contained within the Lowman site boundaries.

In accordance with the requirements of 40 CFR §257.95(g)(2) and ADEM Admin. Code. 335-13-15.06(6)(g)3, PowerSouth will continue to investigate and implement corrective measures as necessary to protect human health and alleviate any potential environmental

impacts.

It is recommended that groundwater Assessment Monitoring activities, as required under 40 CFR 257.95 and ADEM 335-13-15-.06(6), continue at the Lowman facility along with implementation of the corrective action approach developed in accordance with the requirements of 40 CFR 257.96, ADEM 335-13-15-.06(7) and detailed in the submitted Revised ACM.

10.0 REFERENCES

B&V, 2022. MW-3 Area Hydraulic Control System Remedial Design Workplan; Black & Veatch; 48 pp.

CDG, 2019a. Comprehensive Investigation Report – Charles R. Lowman Power Plant, Leroy, Washington County, Alabama; CDG Engineers and Associates, Inc.; 93 pp.

CDG, 2019b. 2019 Annual Groundwater Monitoring Report - Charles R. Lowman Power Plant, Leroy, Washington County Alabama; CDG Engineers and Associates, Inc.; 322 pp.

CDG, 2020. Groundwater Sampling and Analysis Plan (Revised) – Charles R. Lowman Power Plant, Leroy, Washington County Alabama; CDG Engineers and Associates, Inc.; 184 pp.

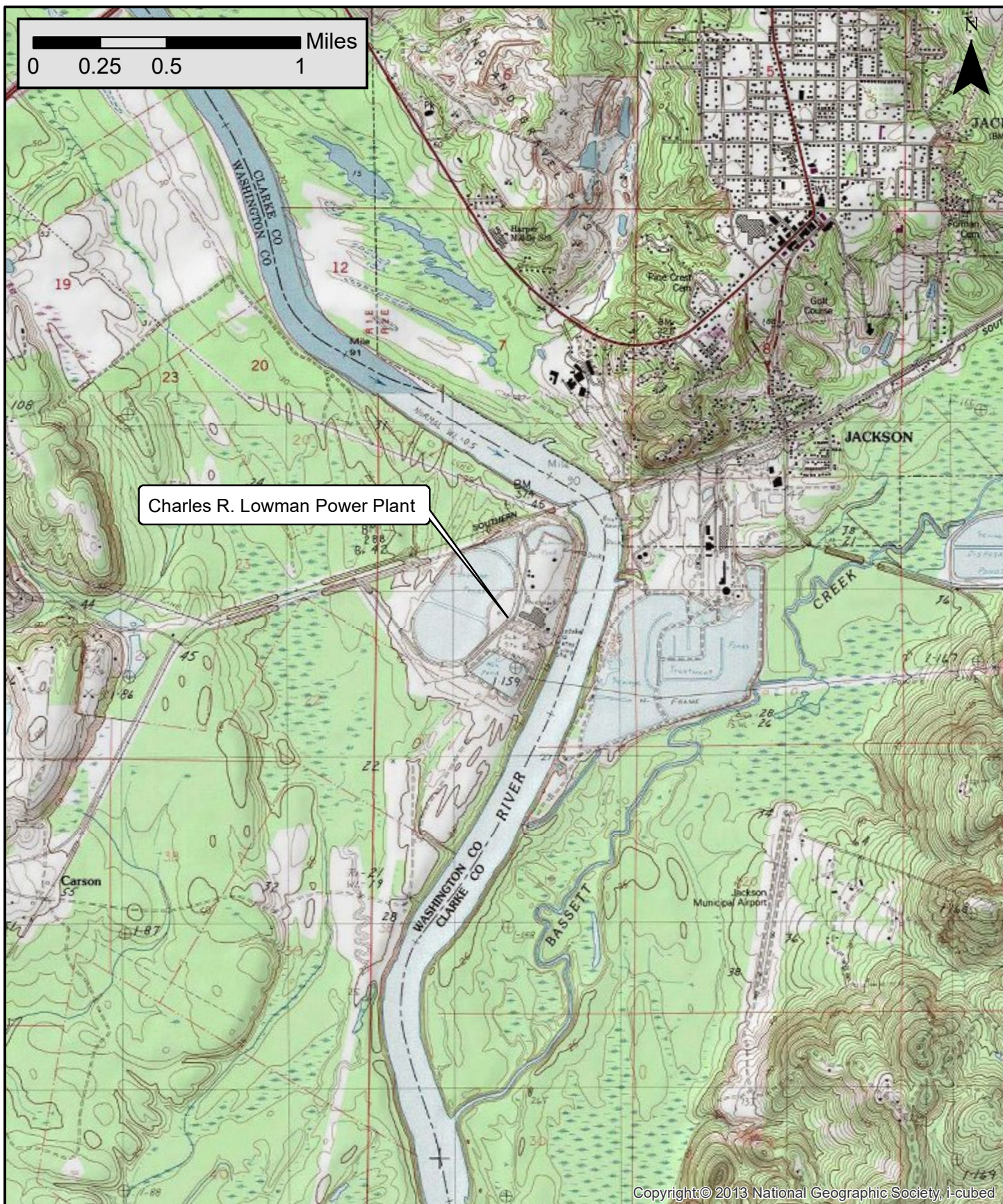
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EPA, 1996. Soil Screening Guidance: User's Guide, United States Environmental Protection Agency Publication 9355.4-23; 49 pp.

EPA, 2009. Statistical Analysis of Groundwater Monitoring data at RCRA Facilities Unified Guidance; EPA 530-R-09-007; 884 pp.

GSC, 2023. Revised PowerSouth Energy Cooperative Lowman Power Plant Statistical Analysis Plan, Groundwater Stats Consulting, LLC; 122 pp.

FIGURES

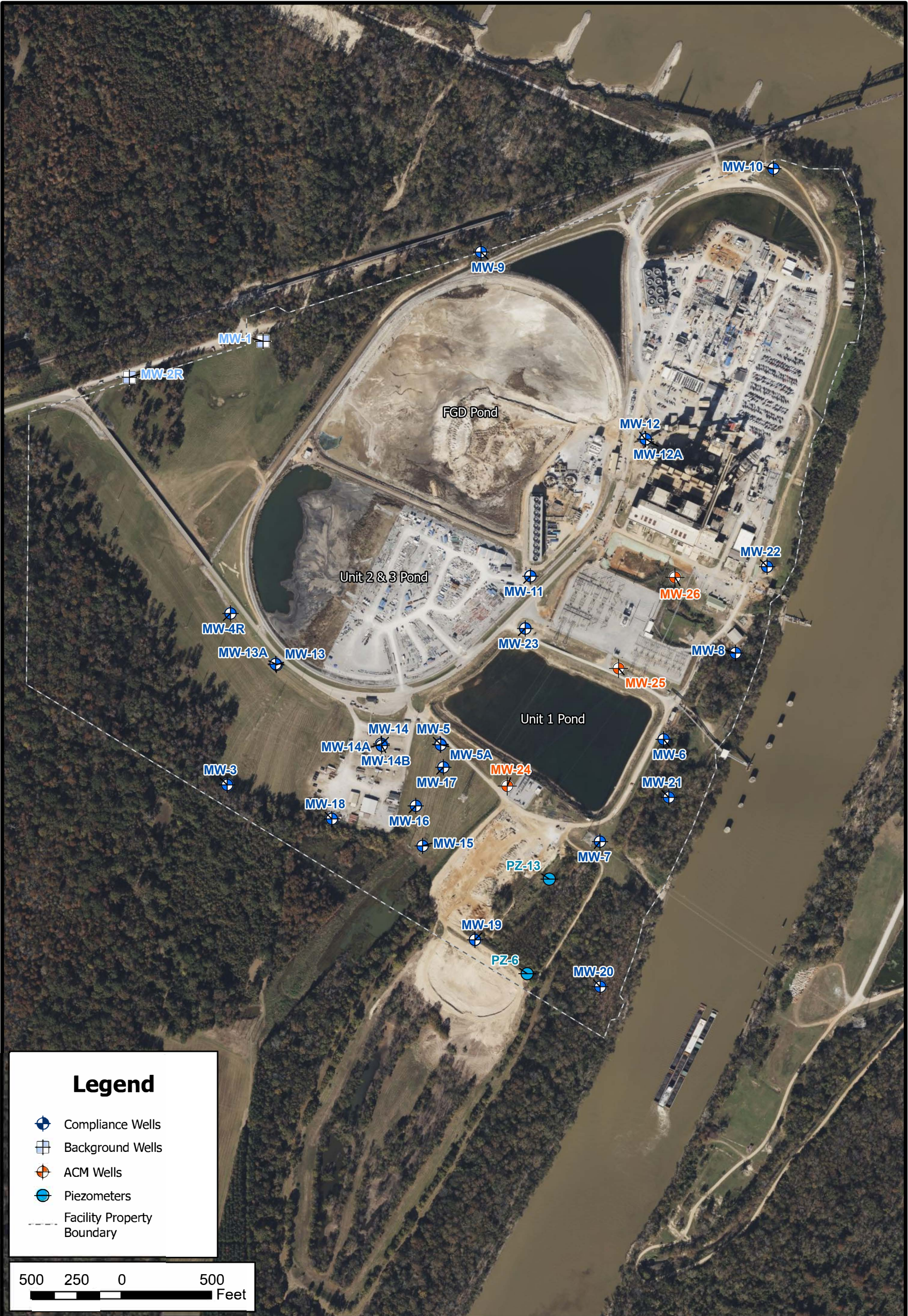


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FIGURE 1 - SITE LOCATION MAP

Charles R. Lowman Power Plant
PowerSouth Energy Cooperative
Leroy, AL



**Figure 2 - Site Map:
Monitoring Well Locations**

Charles R. Lowman Power Plant
Leroy, AL



Drawn By:	GAM
Checked by:	JAB
Date:	June 2024

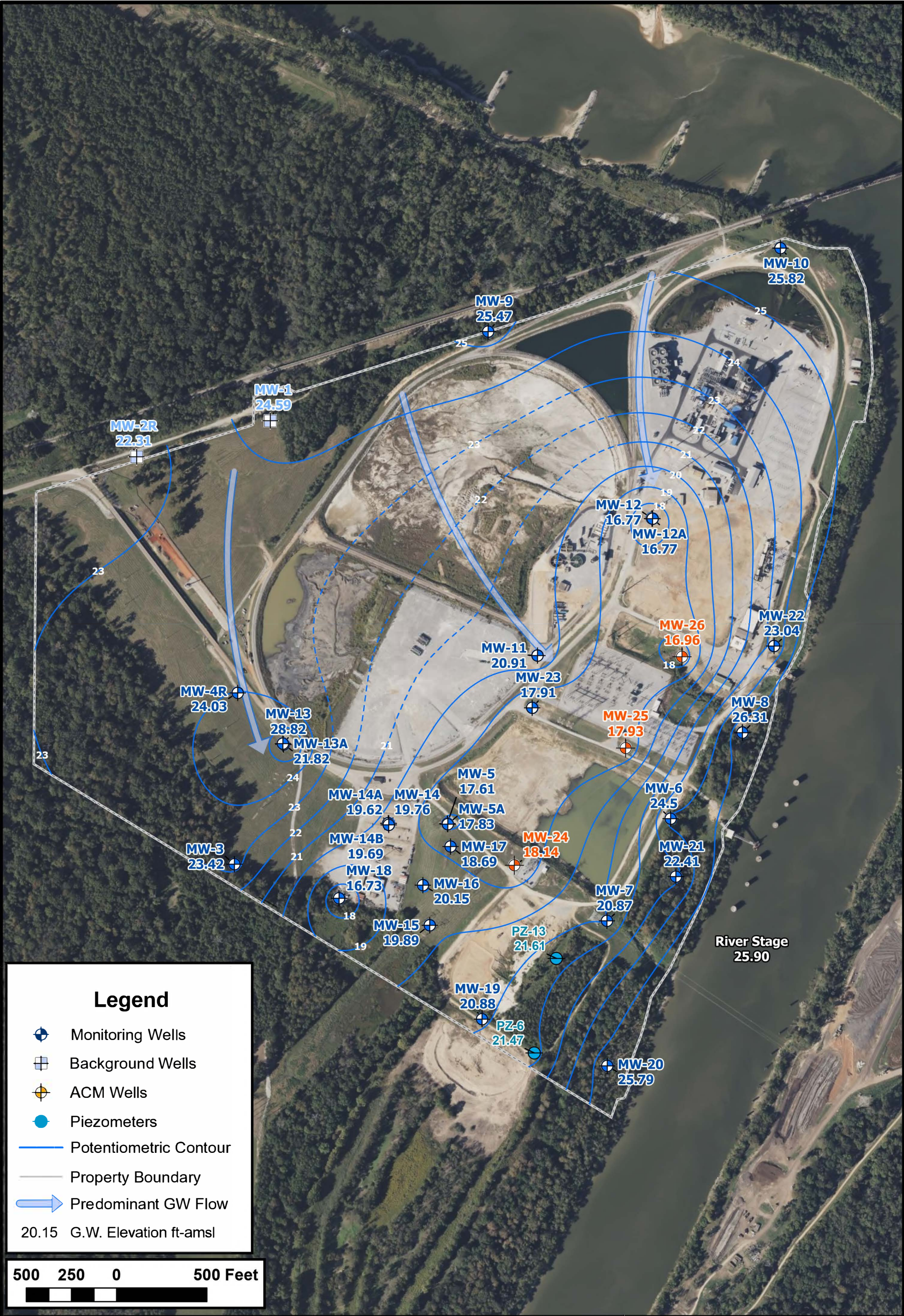


Figure 3: Potentiometric Surface April 15, 2025

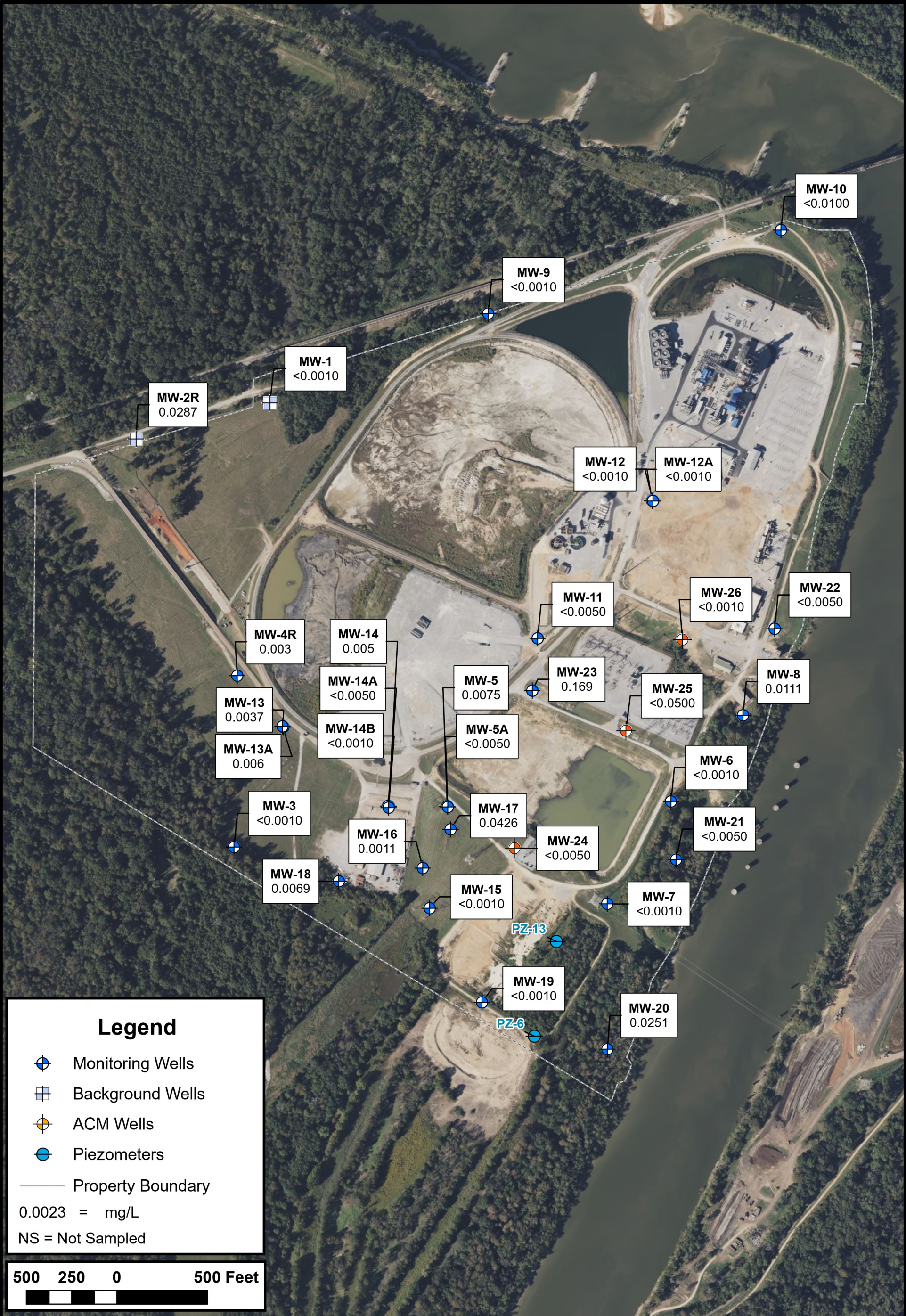
Charles R. Lowman Power Plant
Leroy, AL

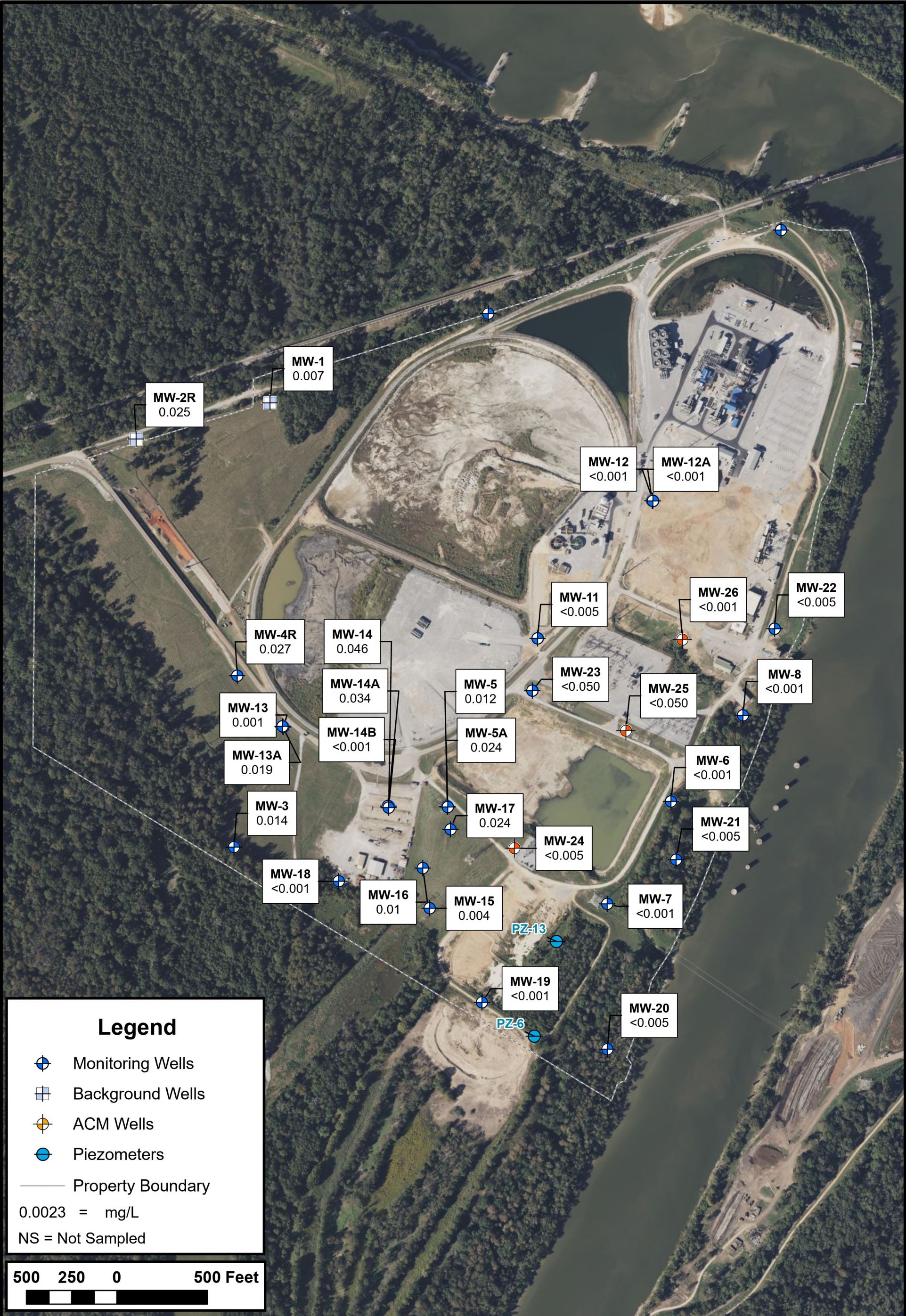


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Checked by: JAB

Date: June 2025





Legend

- Monitoring Wells
- Background Wells
- ACM Wells
- Piezometers
- Property Boundary
- 0.0023 = mg/L
- NS = Not Sampled

500 250 0 500 Feet

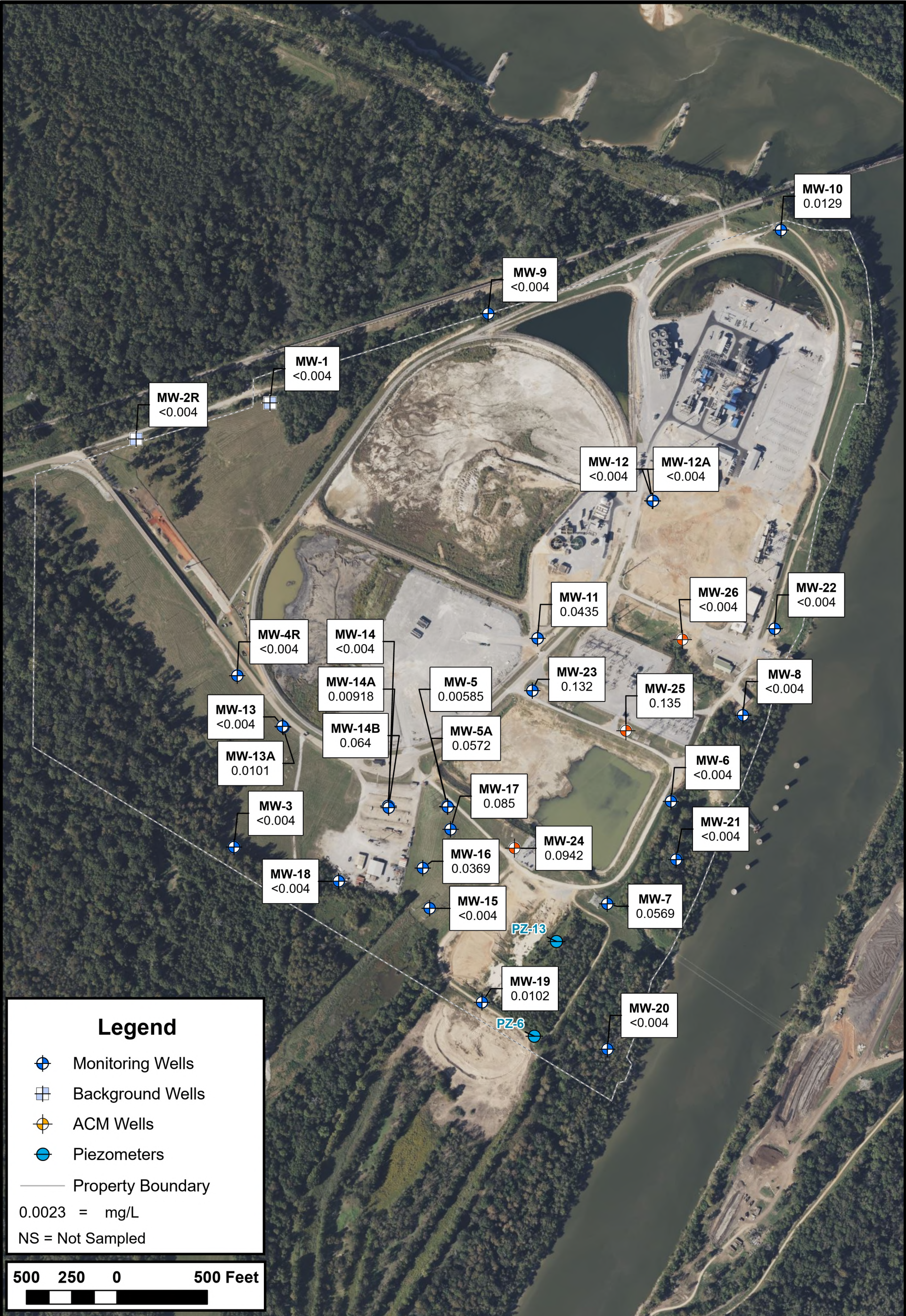
Figure 4B: Cobalt Concentrations Spring 2025
Charles R. Lowman Power Plant
Leroy, AL



Drawn By: GAM

Checked by: JAB

Date: June 2025



TABLES

TABLE 1
2025 Semi-Annual Groundwater Monitoring Data
Charles R. Lowman Power Plant
Leroy, Alabama

Well/ Piezometer Number	Casing Elevation ft-amsl	Total Depth ft - btc	Bottom Elevation ft-amsl	Water Level Measurements	
				4/24/2024	
				ft - btc	ft-amsl
MW-1 (BG)	29.17	24.30	4.87	4.58	24.59
MW-2R (BG)	30.10	34.85	-4.75	7.79	22.31
MW-3	28.55	24.58	3.97	5.13	23.42
MW-4R	32.56	29.40	3.16	8.53	24.03
MW-5	37.41	29.35	8.06	19.80	17.61
MW-5A	37.23	39.02	-1.79	19.40	17.83
PZ-6	49.30	44.30	5.00	27.83	21.47
MW-6	30.14	29.26	0.88	5.64	24.50
MW-7	34.20	32.65	1.55	13.33	20.87
MW-8	32.91	37.68	-4.77	6.60	26.31
MW-9	32.63	29.01	3.62	7.16	25.47
MW-10	34.14	41.46	-7.32	8.32	25.82
PZ-13	34.56	37.45	-2.89	12.95	21.61
MW-11	45.29	43.10	2.19	24.38	20.91
MW-12	43.31	38.42	4.89	26.54	16.77
MW-12A	43.39	46.31	-2.92	26.62	16.77
MW-13	42.26	29.25	13.01	13.44	28.82
MW-13A	41.61	62.90	-21.29	19.79	21.82
MW-14	38.56	29.48	9.08	18.80	19.76
MW-14A	38.50	38.98	-0.48	18.88	19.62
MW-14B	38.64	64.00	-25.36	18.95	19.69
MW-15	31.51	33.18	-1.67	11.62	19.89
MW-16	34.70	42.23	-7.53	14.55	20.15
MW-17	36.23	41.70	-5.47	17.54	18.69
MW-18	32.64	53.03	-20.39	15.91	16.73
MW-19	50.76	53.13	-2.37	29.88	20.88
MW-20	30.01	33.41	-3.40	4.22	25.79
MW-21	30.00	36.45	-6.45	7.59	22.41
MW-22	30.24	33.55	-3.31	7.20	23.04
MW-23	38.86	43.85	-4.99	20.95	17.91
MW-24	40.84	53.08	-12.24	22.70	18.14
MW-25	39.65	51.12	-11.47	21.72	17.93
MW-26	33.94	42.35	-8.41	16.98	16.96
River Stage					25.90
BG - Monitoring Wells MW-1, MW-2, MW-2R are the designated background groundwater monitoring locations.					
BTP - Water level was below the top of the dedicated air bladder pump in the well.					

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-1		MW-2R		MW-3		MW-4R	
	Sample Date		4/15/2025		4/16/2025		4/15/2025		4/15/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	5.87		6.17		5.38		6.05	
Temperature	C°	-	18.8		20.7		17.8		19.9	
Conductivity	µS/Cm	-	98		177		30		380	
Dissolved Oxygen	mg/L	-	0.54		0.31		0.35		0.31	
Turbidity	NTUs	-	4.4		2.8		3.7		4.9	
ORP	Mv	-	7.7		-43.8		109.1		-17.3	
Appendix III										
Boron	mg/L	-	0.021		0.018		0.02		2.41	
Calcium	mg/L	-	35.6		37.4		11.5		115	
Chloride	mg/L	250	2.01		8.12		2.88		81.8	
Sulfate	mg/L	250	31.1		32.3		18.7		370	
TDS	mg/L	500	160		336		81		694	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		0.0037		<0.0010	
Arsenic	mg/L	0.010	<0.0010		0.0287		<0.0010		0.003	
Barium	mg/L	2.0	0.105		0.112		0.078		0.084	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0010		<0.0010		<0.0010	
Chromium	mg/L	0.100	<0.001		<0.010		0.002		<0.002	
Cobalt	mg/L	0.013	0.007		0.025		0.014		0.027	
Fluoride	mg/L	4	<0.125		0.325		<0.125		0.138	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0010	
Lithium	mg/L	0.040	<0.004		<0.004		<0.004		<0.004	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	0.003		0.003		0.002		0.002	
Selenium	mg/L	0.050	<0.001		<0.005		<0.001		<0.001	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0010	
Radium-226	pCi/L	-	0.0579		0.4570		-0.0607		0.7340	
Radium-228	pCi/L	-	0.1420		0.3550		0.1820		0.8910	
Combined Radium	pCi/L	5	0.2000		0.8120		0.1820		1.6300	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-5		MW-5A		MW-6		MW-7	
	Sample Date		4/10/2025		4/17/2025		4/15/2025		4/15/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	5.64		5.95		5.90		6.34	
Temperature	C°	-	22.5		20.4		18.6		21.2	
Conductivity	µS/Cm	-	308		287		143		129	
Dissolved Oxygen	mg/L	-	0.31		0.30		0.34		1.07	
Turbidity	NTUs	-	4.1		3.1		3.5		3.7	
ORP	Mv	-	1.6		35.6		98.3		92.7	
Appendix III										
Boron	mg/L	-	1.41		1.8		0.131		0.307	
Calcium	mg/L	-	93.3		113		73.1		60.9	
Chloride	mg/L	250	54.7		96.8		7.18		1.86	
Sulfate	mg/L	250	154		107		100		25.4	
TDS	mg/L	500	547		556		286		241	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		<0.0010		<0.0010	
Arsenic	mg/L	0.010	0.0075		<0.0050		<0.0010		<0.0010	
Barium	mg/L	2.0	0.147		0.077		0.045		0.113	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0010		<0.0010		<0.0010	
Chromium	mg/L	0.100	<0.001		<0.010		<0.001		<0.001	
Cobalt	mg/L	0.013	0.012		0.024		<0.001		<0.001	
Fluoride	mg/L	4	<0.125		1.45		<0.125		1.51	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0010	
Lithium	mg/L	0.040	0.00585		0.0572		<0.004		0.0569	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	<0.001		0.06		<0.001		0.008	
Selenium	mg/L	0.050	0.002		<0.005		0.011		0.012	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0010	
Radium-226	pCi/L	-	-0.0559		0.0633		0.0531		0.0573	
Radium-228	pCi/L	-	0.64		0.149		0.496		1.11	
Combined Radium	pCi/L	5	0.64		0.212		0.549		1.17	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-8		MW-9		MW-10		MW-11	
	Sample Date		4/15/2025		4/10/2025		4/15/2025		4/16/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	6.93		6.56		4.84		7.07	
Temperature	C°	-	20.9		19.5		21.8		22.7	
Conductivity	µS/Cm	-	150		612		258		305	
Dissolved Oxygen	mg/L	-	0.29		0.32		1.20		0.34	
Turbidity	NTUs	-	2.3		2.5		3.6		1.4	
ORP	Mv	-	-124.8		-95.3		258.7		-93.4	
Appendix III										
Boron	mg/L	-	0.226		4.46		0.581		3.28	
Calcium	mg/L	-	56.9		241		103		163	
Chloride	mg/L	250	26.7		79.7		80.3		20.5	
Sulfate	mg/L	250	18.3		419		291		221	
TDS	mg/L	500	192		1100		538		598	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		<0.0010		<0.0010	
Arsenic	mg/L	0.010	0.0111		<0.0010		<0.0100		<0.0050	
Barium	mg/L	2.0	0.076		0.071		0.036		0.056	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0010		0.001		<0.0010	
Chromium	mg/L	0.100	<0.001		<0.001		<0.010		<0.010	
Cobalt	mg/L	0.013	<0.001		<0.001		<0.005		<0.005	
Fluoride	mg/L	4	0.242		0.178		<0.125		1.72	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0010	
Lithium	mg/L	0.040	<0.004		<0.004		0.0129		0.0435	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	<0.001		<0.001		<0.001		0.058	
Selenium	mg/L	0.050	<0.001		0.001		0.005		<0.020	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0010	
Radium-226	pCi/L	-	0.238		0.104		-0.216		0.137	
Radium-228	pCi/L	-	0.366		1.13		0.609		0.444	
Combined Radium	pCi/L	5	0.604		1.23		0.609		0.581	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-12		MW-12A		MW-13		MW-13A	
	Sample Date		4/10/2025		4/10/2025		4/22/2025		4/10/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	5.93		5.81		6.58		5.35	
Temperature	C°	-	23.1		22.9		20.9		22.6	
Conductivity	µS/Cm	-	299		285		70		283	
Dissolved Oxygen	mg/L	-	0.44		0.39		7.41		0.33	
Turbidity	NTUs	-	1.4		3.2		2.6		3.1	
ORP	Mv	-	171.4		157.8		-28.2		63.8	
Appendix III										
Boron	mg/L	-	0.452		0.12		0.269		0.302	
Calcium	mg/L	-	91.8		81.6		47.5		38.5	
Chloride	mg/L	250	32.4		33.7		<4.00		95.7	
Sulfate	mg/L	250	200		184		27.9		121	
TDS	mg/L	500	488		454		169		378	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		<0.0020		<0.0010	
Arsenic	mg/L	0.010	<0.0010		<0.0010		0.0037		0.006	
Barium	mg/L	2.0	0.03		0.033		0.1		0.126	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0010		<0.0010		<0.0010	
Chromium	mg/L	0.100	0.003		<0.001		<0.001		<0.001	
Cobalt	mg/L	0.013	<0.001		<0.001		0.001		0.019	
Fluoride	mg/L	4	<0.125		<0.125		<1.25		<0.125	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0010	
Lithium	mg/L	0.040	<0.004		<0.004		<0.004		0.0101	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	<0.001		<0.001		<0.001		<0.001	
Selenium	mg/L	0.050	0.002		0.001		<0.001		<0.001	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0010	
Radium-226	pCi/L	-	0.108		0.106		-0.473		0.0522	
Radium-228	pCi/L	-	0.577		0.933		0.744		0.497	
Combined Radium	pCi/L	5	0.685		1.04		0.744		0.549	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-14		MW-14A		MW-14B		MW-15	
	Sample Date		4/10/2025		4/15/2025		4/11/2025		4/11/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	5.84		5.86		6.06		5.13	
Temperature	C°	-	23.4		23.2		21.8		19.0	
Conductivity	µS/Cm	-	322		207		210		37	
Dissolved Oxygen	mg/L	-	0.29		0.28		0.32		1.10	
Turbidity	NTUs	-	4.3		2.0		0.5		2.4	
ORP	Mv	-	-16.6		61.9		-28.3		151.3	
Appendix III										
Boron	mg/L	-	0.705		0.52		0.176		0.031	
Calcium	mg/L	-	86.9		82.1		37.5		9.82	
Chloride	mg/L	250	34.1		26.5		61.2		5.12	
Sulfate	mg/L	250	81.6		39.6		65.1		20.7	
TDS	mg/L	500	432		332		324		<51.0	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		<0.0010		<0.0010	
Arsenic	mg/L	0.010	0.005		<0.0050		<0.0010		<0.0010	
Barium	mg/L	2.0	0.118		0.093		0.136		0.055	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0010		0.0102		<0.0010	
Chromium	mg/L	0.100	<0.001		<0.010		0.002		0.001	
Cobalt	mg/L	0.013	0.046		0.034		<0.001		0.004	
Fluoride	mg/L	4	<0.125		<0.125		<0.125		<0.125	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0010	
Lithium	mg/L	0.040	<0.004		0.00918		0.064		<0.004	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	<0.001		<0.001		0.016		<0.001	
Selenium	mg/L	0.050	<0.001		<0.005		<0.001		<0.001	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0010	
Radium-226	pCi/L	-	0.104		0.0589		0.711		0.758	
Radium-228	pCi/L	-	0.641		1.02		0.464		1.27	
Combined Radium	pCi/L	5	0.745		1.08		1.18		2.03	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-16		MW-17		MW-18		MW-19	
	Sample Date		4/11/2025		4/17/2025		4/11/2025		4/10/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	5.75		6.17		6.30		5.64	
Temperature	C°	-	20.7		22.4		19.7		21.1	
Conductivity	µS/Cm	-	162		306		161		86	
Dissolved Oxygen	mg/L	-	0.35		0.31		0.28		0.34	
Turbidity	NTUs	-	2.7		2.5		2.0		1.1	
ORP	Mv	-	77.8		32.4		-73.9		158.7	
Appendix III										
Boron	mg/L	-	0.371		2.12		0.068		0.127	
Calcium	mg/L	-	49.1		112		43.2		23.4	
Chloride	mg/L	250	23.8		87.8		9.95		6.89	
Sulfate	mg/L	250	39.3		126		3.54		42.6	
TDS	mg/L	500	233		584		243		160	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		<0.0010		<0.0010	
Arsenic	mg/L	0.010	0.0011		0.0426		0.0069		<0.0010	
Barium	mg/L	2.0	0.092		0.062		0.197		0.043	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0010		<0.0010		<0.0010	
Chromium	mg/L	0.100	<0.001		<0.010		<0.001		<0.001	
Cobalt	mg/L	0.013	0.01		0.024		<0.001		<0.001	
Fluoride	mg/L	4	0.128		1.78		<0.125		<0.125	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0010	
Lithium	mg/L	0.040	0.0369		0.085		<0.004		0.0102	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	<0.001		0.051		<0.001		<0.001	
Selenium	mg/L	0.050	<0.001		<0.005		<0.001		<0.001	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0010	
Radium-226	pCi/L	-	1.06		0.756		0.214		0	
Radium-228	pCi/L	-	0.702		0.611		0.481		0.0823	
Combined Radium	pCi/L	5	1.76		1.37		0.695		0.0823	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-20		MW-21		MW-22		MW-23	
	Sample Date		4/15/2025		4/17/2025		4/15/2025		4/21/2025	
Field Parameters	Units	GWPS								
pH	Std. Units	-	6.55		6.52		6.45		7.05	
Temperature	C°	-	19.3		19.20		21.0		24.4	
Conductivity	µS/Cm	-	163		165		251		735	
Dissolved Oxygen	mg/L	-	0.29		0.33		0.32		0.27	
Turbidity	NTUs	-	3.5		3.6		1.9		4.3	
ORP	Mv	-	-112.0		-65.5		-87.9		-105.8	
Appendix III										
Boron	mg/L	-	0.064		0.207		0.103		6.81	
Calcium	mg/L	-	52		80.1		127		353	
Chloride	mg/L	250	4.91		17.4		10.3		218	
Sulfate	mg/L	250	8.15		58.1		<1.00		755	
TDS	mg/L	500	182		278		369		1600	
Appendix IV										
Antimony	mg/L	0.006	<0.0010		<0.0010		<0.0010		<0.0100	
Arsenic	mg/L	0.010	0.0251		<0.0050		<0.0050		0.169	
Barium	mg/L	2.0	0.123		0.094		0.15		0.035	
Beryllium	mg/L	0.004	<0.0010		<0.0010		<0.0010		<0.0100	
Cadmium	mg/L	0.005	<0.0010		<0.0010		<0.0010		<0.0100	
Chromium	mg/L	0.100	<0.001		<0.010		<0.010		<0.100	
Cobalt	mg/L	0.013	<0.005		<0.005		<0.005		<0.050	
Fluoride	mg/L	4	<0.125		0.208		<0.125		1.880	
Lead	mg/L	0.015	<0.0010		<0.0010		<0.0010		<0.0100	
Lithium	mg/L	0.040	<0.004		<0.004		<0.004		0.132	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	<0.001		<0.001		<0.001		0.119	
Selenium	mg/L	0.050	<0.001		<0.005		<0.010		<0.050	
Thallium	mg/L	0.002	<0.0010		<0.0010		<0.0010		<0.0100	
Radium-226	pCi/L	-	0.0652		-0.292		0.0997		0	
Radium-228	pCi/L	-	0.741		0.418		0.096		1.510	
Combined Radium	pCi/L	5	0.806		0.418		0.196		1.51	

TABLE 2
2025 Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			MW-24		MW-25		MW-26	
	Sample Date		4/21/2025		4/21/2025		4/21/2025	
Field Parameters	Units	GWPS						
pH	Std. Units	-	6.59		6.10		6.01	
Temperature	C°	-	23.5		24.3		21.4	
Conductivity	µS/Cm	-	365		835		141	
Dissolved Oxygen	mg/L	-	0.38		0.31		6.02	
Turbidity	NTUs	-	2.83		2.01		4.23	
ORP	Mv	-	-88.2		-48.5		81.2	
Appendix III								
Boron	mg/L	-	2.08		9.9		0.239	
Calcium	mg/L	-	143		360		64	
Chloride	mg/L	250	70.8		253		9.68	
Sulfate	mg/L	250	186		905		59.9	
TDS	mg/L	500	630		1870		272	
Appendix IV								
Antimony	mg/L	0.006	<0.0010		<0.0100		<0.0010	
Arsenic	mg/L	0.010	<0.0050		<0.0500		<0.0010	
Barium	mg/L	2.0	0.164		0.044		0.107	
Beryllium	mg/L	0.004	<0.0010		<0.0100		<0.0010	
Cadmium	mg/L	0.005	<0.0010		<0.0100		<0.0010	
Chromium	mg/L	0.100	<0.010		<0.100		0.001	
Cobalt	mg/L	0.013	<0.005		<0.050		<0.001	
Fluoride	mg/L	4	1.46		0.828		0.276	
Lead	mg/L	0.015	<0.0010		<0.0100		<0.0010	
Lithium	mg/L	0.040	0.0942		0.135		<0.004	
Mercury	mg/L	0.002	<0.00020		<0.00020		<0.00020	
Molybdenum	mg/L	0.100	0.007		0.078		0.008	
Selenium	mg/L	0.050	<0.005		<0.050		0.012	
Thallium	mg/L	0.002	<0.0010		<0.0100		<0.0010	
Radium-226	pCi/L	-	0		0.449		0.623	
Radium-228	pCi/L	-	1.04		0.859		0.411	
Combined Radium	pCi/L	5	1.04		1.31		1.03	

TABLE 3
SUMMARY OF ESTABLISHED GROUNDWATER PROTECTION STANDARDS
Charles R. Lowman Power Plant
Leroy, Alabama

Appendix IV Constituent	MCL	Background Limit	Established GWPS
	(mg/L)	(mg/L)	(mg/L)
Antimony	0.006	0.001	0.006
Arsenic	0.01	0.0024	0.010
Barium, Total	2	0.14	2.000
Beryllium	0.004	0.001	0.004
Cadmium	0.005	0.001	0.005
Chromium	0.1	0.001	0.100
Cobalt	0.006	0.013	0.013
Fluoride	4	0.14	4.000
Lead	0.015	0.0013	0.015
Lithium	0.04	0.005	0.040
Mercury	0.002	0.0002	0.002
Molybdenum	0.1	0.001	0.100
Selenium	0.05	0.001	0.050
Thallium	0.002	0.001	0.002
Combined Radium (pCi/L)	5	1.49	5.000

**MCL = Maximum Contaminant Level*

**RSL = Regional Screening Level*

Table 4
Summary of Appendix IV Statistically Significant Results
Charles R. Lowman Power Plant
Leroy, Alabama

Constituent	Well No.	GWPS mg/L	Confidence Interval		Sample Size	α	Confidence Level
			Lower mg/L	Upper mg/L			
Arsenic	MW-17	0.010	0.02492	0.05891	8	0.01	0.990
	MW-20	0.010	0.02258	0.02797	8	0.01	0.990
	MW-23	0.010	0.1278	0.2327	8	0.01	0.990
Cobalt	MW-3	0.013	0.01753	0.02747	8	0.01	0.990
	MW-4	0.013	0.7223	0.9472	8	0.01	0.990
	MW-5A	0.013	0.01328	0.02197	8	0.01	0.990
	MW-14	0.013	0.01703	0.05352	8	0.01	0.990
	MW-14A	0.013	0.03294	0.04581	8	0.01	0.990
	MW-17	0.013	0.01539	0.02661	8	0.01	0.990
Lithium	MW-5A	0.040	0.05219	0.06218	8	0.01	0.990
	MW-7	0.040	0.06721	0.08964	8	0.01	0.990
	MW-11	0.040	0.0419	0.0567	8	0.004	0.996
	MW-14B	0.040	0.06317	0.1650	8	0.01	0.990
	MW-17	0.040	0.06016	0.1033	8	0.01	0.990
	MW-23	0.040	0.1255	0.1680	8	0.01	0.990
	MW-24	0.040	0.07095	0.1233	8	0.01	0.990
	MW-25	0.040	0.1228	0.1455	8	0.01	0.990

APPENDIX A

HISTORICAL GROUNDWATER ELEVATION DATA

SUMMARY

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
Charles R. Lowman Power Plant
Leroy, Alabama

Well / Piezometer Number	Casing Elevation	Total Depth	Bottom Elevation	Water Level Measurements																															
				2/23/2016		3/2/6/2016		3/28/2016		5/9/2016		7/19/2016		8/4/2016		9/19/2016		11/28/2016		1/30/2017		3/27/2017		5/22/2017		10/9/2017		12/11/2017		4/16/2018		8/13/2018			
				ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl	ft-btc	ft-amsl		
MW-1 (BG)	29.17	24.30	4.87	5.24	23.93	5.48	23.69	5.79	23.38	7.31	21.86	9.79	19.38	10.33	18.84	11.03	18.14	12.85	16.32	6.39	22.78	6.56	22.61	6.80	22.37	7.04	22.13	5.83	23.34	5.91	23.26	8.57	20.60		
MW-2 (BG)	38.18	36.47	1.71	16.74	21.44	16.26	21.92	17.58	20.60	18.99	19.19	22.13	16.05	24.84	13.34	24.52	13.66	27.11	11.07	18.14	20.04	18.69	19.49	19.13	19.05	18.85	19.33	19.02	19.16	17.02	21.16	21.41	16.77		
MW-3*	28.55	24.58	3.97	7.06	21.49	7.22	21.33	-	-	9.66	18.89	13.54	15.01	15.15	13.40	15.59	12.96	17.95	10.60	9.57	18.98	9.58	18.97	8.67	19.88	8.10	20.45	8.76	19.79	6.84	21.71	11.22	17.33		
MW-4	36.40	28.32	8.08	13.68	22.72	11.84	24.56	13.59	22.81	15.30	21.10	18.24	18.16	19.07	17.33	19.63	16.77	22.15	14.25	14.68	21.72	15.28	21.12	15.75	20.65	16.46	19.94	15.55	20.85	13.96	22.44	17.00	19.4		
MW-5	37.41	29.35	8.06	16.50	20.91	13.53	23.88	16.32	21.09	22.70	14.71	28.11	9.30	29.19	8.22	28.78	8.63	31.78	5.63	25.26	12.15	25.25	12.16	25.75	11.66	BTP	BTP	BTP	17.72	19.69	BTP				
MW-5A	37.23	39.02	-1.79											29.01	8.22	28.60	8.63	31.60	5.63	24.27	12.96	25.12	12.11	25.72	11.51	27.82	9.41	28.68	8.55	17.42	19.81	27.60	9.63		
PZ-6	49.30	44.30	5.00	28.30	21.00	-	-	-	-	34.82	14.48	40.95	8.35	41.49	7.81	42.00	7.30	43.87	5.43	38.64	10.66	37.41	11.89	37.59	11.71	39.91	9.39	40.82	8.48	30.76	18.54	39.65	9.65		
MW-6	30.14	29.26	0.88	3.34	26.80	7.62	22.52	10.45	19.69	14.20	15.94	18.38	11.76	19.38	10.76	19.15	10.99	22.04	8.10	13.58	16.56	15.92	14.22	16.70	13.44	17.78	12.36	19.60	10.54	7.91	22.23	17.62	12.52		
MW-7	34.20	32.65	1.55	13.28	20.92	9.86	24.34	16.00	18.20	18.50	15.70	24.93	9.27	25.48	8.72	24.84	9.36	28.63	5.57	22.94	11.26	21.17	13.03	21.50	12.70	23.15	11.05	24.62	9.58	14.73	19.47	22.79	11.41		
MW-8	32.91	37.68	-4.77	13.57	19.34	9.04	23.87	14.36	18.55	25.83	7.08	28.98	3.93	29.32	3.59	29.50	3.41	29.94	2.97	18.18	14.73	24.02	8.89	26.09	6.82	26.58	6.33	24.74	8.17	11.91	21.00	28.59	4.32		
MW-9	32.63	29.01	3.62	8.08	24.55	7.70	24.93	9.78	22.85	15.33	17.30	21.02	11.61	22.31	10.32	22.01	10.62	22.73	9.90	11.92	20.71	13.57	19.06	13.60	19.03	13.25	19.38	12.46	20.17	5.20	27.43	10.65	21.98		
MW-10	34.14	41.46	-7.32	15.82	18.32	12.40	21.74	18.99	15.15	29.49	4.65	31.28	2.86	31.49	2.65	31.73	2.41	32.30	1.84	18.43	15.71	27.37	6.77	29.17	4.97	29.03	5.11	29.74	4.40	13.96	20.18	31.06	3.08		
PZ-13	34.56	37.45	-2.89																																
MW-11	45.29	43.10	2.19	21.94	23.35	21.14	24.15	23.65	21.64	29.72	15.57	34.16	11.13	34.33	10.96	34.67	10.62	31.25	14.04	31.54	13.75	32.47	12.82	33.19	12.10	31.33	13.96	31.42	13.87	24.82	20.47	33.42	11.87		
MW-12	43.31	38.42	4.89	22.24	21.07	18.09	25.22	21.67	21.64	29.13	14.18	36.22	7.09	36.92	6.39	36.97	6.34	38.66	4.65	33.31	10.00	31.89	11.42	32.63	10.68	BTP	BTP	BTP	25.08	18.23	34.62	8.69			
MW-12A	43.39	46.31	-2.92											37.00	6.39	37.05	6.34	38.74	4.65	31.31	12.08	32.52	10.87	33.53	9.86	35.90	7.49	34.15	9.24	24.84	18.55	35.48	7.91		
MW-13	42.26	29.25	13.01							11.44	30.82	13.58	28.68	14.38	27.88	14.39	27.87	14.84	27.42	10.65	31.61	11.21	31.05	11.09	31.17	10.88	31.38	11.17	31.09	9.89	32.37	12.55	29.71		
MW-13A	41.61	62.90	-21.29																																
MW-14	38.56	29.48	9.08							23.81	14.75	28.87	9.69			30.14	8.42	29.85	8.71	32.64	5.92	25.65	12.91	25.98	12.58	26.16	12.40	BTP	BTP	BTP	18.82	19.74	BTP		
MW-14A	38.50	38.98	-0.48													30.08	8.42	29.79	8.71	32.58	5.92	25.14	13.36	26.13	12.37	26.71	11.79	28.79	9.71	29.68	8.82	18.31	20.19	28.64	9.86
MW-14B	38.64	68.48	-29.84																																
MW-15	31.51	33.18	-1.67																																
MW-16	34.70	42.23	-7.53																																
MW-17	36.23	41.70	-5.47																																
MW-18	32.64	53.03	-20.39																																
MW-19	50.76	53.13	-2.37																																
MW-20	30.01	33.41	-3.40																																
MW-21	30.00	36.45	-6.45																																
MW-22	30.24	33.55	-3.31																																
MW-23	38.86	43.85	-4.99																																
MW-24	40.84	53.08	-12.24																																
MW-25	39.65	51.12	-11.47																																
MW-26	33.94	42.35	-8.41																																
River Stage					18.55		14.48		13.07		3.18		2.36		2.40		2.00		1.76		14.48		6.25		5.56		6.44		3.89		24.50		1.80		
BG - Monitoring Wells MW-1 and MW-2, and MR-2R are the designated background groundwater monitoring locations. Monitoring well MW-2 was abandoned and MW-2R was installed prior to the October 16, 2023 sampling event.																																			
* - Prior to April 2019 monitoring well MW-3 was designated as piezometer PZ-3.																																			
BTP - Water level within the well was below the top of the dedicated baldder pump and could not be accurately measured.																																			

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
Charles R. Lowman Power Plant
Leroy, Alabama

Well/ Piezometer Number	Casing Elevation	Total Depth	Bottom Elevation	Water Level Measurements																																	
				4/10/2019		6/5/2019		9/23/2019		11/20/2019		1/30/2020		3/23/2020		6/22/2020		9/24/2020		4/22/2021		10/5/2021		5/4/2022		10/19/2022		4/18/2023		10/16/2023		4/24/2024					
				ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl				
				ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl	ft - btc	ft - amsl			
MW-1 (BG)	29.17	24.30	4.87	5.96	23.21	8.00	21.17	10.43	18.74	6.97	22.20	4.72	24.45	4.83	24.34	8.03	21.14	8.35	20.82	5.28	23.89	6.36	22.81	6.52	22.65	10.01	19.16	6.20	22.97	11.06	18.11	6.86	22.31				
MW-2 (BG)	38.18	36.47	1.71	18.03	20.15	20.72	17.46	24.30	13.88	19.86	18.32	16.88	21.30	17.33	20.85	20.03	18.15	21.91	16.27	17.32	20.86	18.03	20.15	17.98	20.20	23.14	15.04	17.37	20.81	Abandoned		Abandoned					
MW-2R	30.10	34.85	-4.75																											17.81	12.29	11.02	19.08				
MW-3*	28.55	24.58	3.97	7.55	21.00	10.85	17.70	14.79	13.76	9.09	19.46	5.99	22.56	6.50	22.05	9.60	18.95	12.50	16.05	6.68	21.87	6.20	22.35	6.94	21.61	13.50	15.05	6.69	21.86	15.61	12.94	7.98	20.57				
MW-4	36.40	28.32	8.08	14.54	21.86	16.32	20.08	19.42	16.98	15.45	20.95	12.36	24.04	12.83	23.57	15.52	20.88	17.54	18.86	12.54	23.86	13.73	22.67	14.14	22.26	19.75	16.65	15.85	20.55	Abandoned		Abandoned					
MW-4R	32.56	29.40	3.16																											14.45	18.11	11.03	21.53				
MW-5	37.41	29.35	8.06	19.08	18.33	23.44	13.97	BTP		BTP		16.40	21.01	12.65	24.76	21.26	16.15	BTP		15.32	22.09	20.10	17.31	16.16	21.25	BTP		16.29	21.12	BTP		19.23	18.18				
MW-5A	37.23	39.02	-1.79	18.87	18.36	23.32	13.91	30.15	7.08	27.79	9.44	16.20	21.03	12.48	24.75	21.11	16.12	28.28	8.95	15.13	22.10	19.88	17.35	16.16	21.07	29.16	8.07	16.11	21.12	30.15	7.08	19.25	17.98				
P2-6	49.30	44.30	5.00	30.72	18.58	34.22	15.08	41.85	7.45	39.01	10.29	26.91	22.39	25.13	24.17	34.71	14.59	39.69	9.61	27.11	22.19	32.22	17.08	29.21	20.09	40.53	8.77	27.20	22.10	41.70	7.60	30.45	18.85				
MW-6	30.14	29.26	0.88	12.25	17.89	14.79	15.35	20.97	9.17	18.64	11.50	8.86	21.28	8.70	21.44	13.60	16.54	18.90	11.24	9.29	20.85	12.70	17.44	11.18	18.96	20.40	9.74	9.45	20.69	21.15	8.99	13.21	16.93				
MW-7	34.20	32.65	1.55	16.49	17.71	19.14	15.06	26.78	7.42	24.60	9.60	12.37	21.83	10.34	23.86	18.30	15.90	23.16	11.04	12.33	21.87	16.49	17.71	13.87	20.33	24.58	9.62	12.40	21.80	25.83	8.37	15.37	18.83				
MW-8	32.91	37.68	-4.77	18.03	14.88	24.57	8.34	29.14	3.77	24.73	8.18	10.76	22.15	14.11	18.80	24.55	8.36	27.59	5.32	11.02	21.89	20.09	12.82	16.99	15.92	29.97	2.94	11.09	21.82	29.95	2.96	16.81	16.10				
MW-9	32.63	29.01	3.62	6.72	25.91	8.31	24.32	11.19	21.44	8.46	24.17	4.38	28.25	4.12	28.51	7.94	24.69	9.98	22.65	4.18	28.45	6.57	26.06	6.44	26.19	11.33	21.30	5.91	26.72	12.02	20.61	6.92	25.71				
MW-10	34.14	41.46	-7.32	18.94	15.20	30.18	3.96	31.33	2.81	28.41	5.73	14.05	20.09	12.47	21.67	30.08	4.06	29.57	4.57	16.53	17.61	22.72	11.42	21.66	12.48	32.12	2.02	14.61	19.53	32.15	1.99	20.10	14.04				
P2-11R	44.75	47.31	-2.56	28.80	15.95	33.14	11.61	37.40	7.35	34.75	10.00	22.55	22.20	22.05	22.70	Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned		Abandoned					
P2-13	34.56	37.45	-2.89													19.70	14.86	24.27	10.29	12.66	21.90	16.87	17.69	14.65	19.91	25.64	8.92	12.38	22.18	26.04	8.52	16.30	18.26				
MW-11	45.29	43.10	2.19	26.67	18.62	30.65	14.64	35.51	9.78	34.33	10.96	22.81	22.48	20.08	25.21	27.98	17.31	35.69	9.60	22.11	23.18	27.33	17.96	24.00	21.29	34.91	10.38	22.81	22.48	33.50	11.79	25.48	19.81				
MW-12	43.31	38.42	4.89	26.84	16.47	29.52	13.79	BTP		33.13	10.18	20.53	22.78	19.51	23.80	29.52	13.79	BTP		19.96	23.35	27.15	16.16	23.92	19.39	BTP		21.21	22.10	BTP		25.30	18.01				
MW-12A	43.39	46.31	-2.92	27.00	16.39	30.78	12.61	37.45	5.94	33.59	9.80	21.03	22.36	19.90	23.49	30.39	13.00	35.36	8.03	20.40	22.99	27.69	15.70	23.92	19.47	36.85	6.54	21.46	21.93	37.45	5.94	25.32	18.07				
MW-13	42.26	29.25	13.01	11.48	30.78	12.76	29.50	12.89	29.37	11.30	30.96	11.01	31.25	11.61	30.65	11.68	30.58	BTP		10.93	31.33	11.18	31.08	21.61	20.65	16.39	25.87	12.43	29.83	19.06	23.20	15.21	27.05				
MW-13A	41.61	62.90	-21.29	22.27	19.34	25.36	16.25	29.71	11.90	25.60	16.01	20.48	21.13	20.01	21.60	24.57	17.04	27.70	13.91	21.73	19.88	22.40	19.21	21.61	20.00	28.71	12.90	20.82	20.79	29.80	11.81	22.70	18.91				
MW-14	38.56	29.48	9.08	20.30	18.26	24.57	13.99	BTP		BTP		17.55	21.01	14.14	24.42	22.72	15.84	BTP		16.68	21.88	21.40	17.16	17.18	21.38	BTP		17.43	21.13	BTP		20.34	18.22				
MW-14A	38.50	38.98	-0.48	19.88	18.62	24.48	14.02	31.12	7.38	28.56	9.94	17.13	21.37	13.71	24.79	22.40	16.10	29.27	9.23	16.22	22.28	21.02	17.48	17.18	21.32	30.15	8.35	17.14	21.36	31.18	7.32	20.11	18.39				
MW-14B	38.64	68.48	-29.84																											21.44	17.20	14.92	23.72	30.59	8.05	17.58	21.06
MW-15	31.51	33.18	-1.67	12.63	18.88	17.91	13.60	24.81	6.70	21.83	9.68	10.46	21.05	7.58	23.93	16.46	15.05	22.85	8.66	9.88	21.63	14.42	17.09	11.08	20.43	23.77	7.74	10.55	20.96	24.82	6.69	13.55	17.96				
MW-16	34.70	42.23	-7.53	15.87	18.83	20.69	14.01	27.66	7.04	24.97	9.73	13.50	21.20	10.24	24.46	19.08	15.62	25.74	8.96	12.71	21.99	17.41	17.29	13.88	20.82	26.62	8.08	13.50	21.20	27.64	7.06	16.50	18.20				
MW-17	36.23	41.70	-5.47	17.68	18.55	22.26	13.97	29.14	7.09	26.74	9.49	15.19	21.04	11.49	24.74	20.18	16.05	27.26	8.97	14.10	22.13	18.81	17.42	15.17	21.06	28.09	8.14	15.01	21.22	29.08	7.15	17.93	18.30				
MW-18	32.64	53.03	-20.39	16.42	16.22	15.20	17.44	28.27	4.37	25.32	7.32	14.20	18.44	11.26	21.38	19.98	12.66	26.38	6.26	13.57	19.07	18.17	14.47	14.76	17.88	27.30	5.34	14.31	18.33	28.33	4.31	17.25	15.39				
MW-19	50.76	53.13	-2.37	31.48	19.28	32.43	18.33	44.67	6.09	41.26	9.50	29.47	21.29	26.81	23.95	37.05	13.71	42.71	8.05	29.41	21.35	34.45	16.31	31.03	19.73	43.80	6.96	29.81	20.95	44.72	6.04	33.05	17.71				
MW-20	30.01	33.41	-3.40	11.94	18.07	25.67	4.34	26.90	3.11	24.50	5.51	10.51	19.50	10.40	19.61	25.71	4.30	25.45	4.56	9.98	20.03	21.79	8.22	18.86	11.15	27.76	2.25	11.28	18.73	27.81	2.20	16.54	13.47				
MW-21	30.00	36.45	-6.45	15.48	14.52	19.13	10.87	26.07	3.93	19.48	10.52	9.28	20.72	9.89	20.11	20.79	9.21	24.45	5.55	9.71	20.29	16.93	13.07	12.98	17.02	26.32	3.68	9.50	20.50	26.69	3.31	12.55	17.45				
MW-22	30.24	33.55	-3.31	13.53	16.71	23.65	6.59	26.28	3.96	23.39	6.85	9.99	20.25	9.59	20.65	23.18	7.06	24.71	5.53	12.01	18.23	18.22	12.02	16.18	14.06	26.76	3.48	10.48	19.76	27.04	3.20	15.50	14.74				
MW-23	38.86	43.85	-4.99	21.26	17.60	25.32	13.54	31.96	6.90	29.64	9.22	18.64	20.22	14.21	24.65	23.00	15.86	30.13	8.73	16.72	22.14	21.44	17.42	18.21	20.65	31.41	7.45	17.66	21.20	32.00	6.86	20.86	18.00				
MW-24	40.84	53.08	-12.24													25.00	15.84	32.30	8.54	18.72	22.12	23.62	17.22	19.69	21.15	32.98	7.86	18.46	22.38	32.90	7.94	22.77	18.07				
MW-25	39.65	51.12	-11.47													23.97	15.68	31.04	8.61	17.69	21.96	22.70	16.95	19.09	20.56	31.88	7.77	18.42	21.23	32.76	6.89	21.70	17.95				
MW-26	33.94	42.35	-8.41											</																							

APPENDIX A
HISTORICAL GROUNDWATER ELEVATION DATA
Charles R. Lowman Power Plant
Leroy, Alabama

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APPENDIX B

HISTORICAL GROUNDWATER FIELD PARAMETER

SUMMARY

APPENDIX B
HISTORICAL GROUNDWATER FIELD DATA SUMMARY
Charles R. Lowman Power Plant
Leroy, Alabama

Monitoring Well	Date	pH Standard Units	Temperature C°	Conductivity µS/Cm	Dissolved Oxygen mg/L	Turbidity NTUs	ORP Mv
MW-1	03/29/2016	5.46	17.7	201	0.17	1.00	-
	05/18/2016	5.52	19.8	201	0.19	0.86	1.4
	07/19/2016	5.31	21.5	168	0.11	0.53	-23.2
	09/19/2016	5.21	22.2	162	0.15	3.50	-16.5
	11/29/2016	5.30	22.0	139	0.16	1.60	176.2
	01/31/2017	5.34	18.8	194	0.17	1.90	-33.6
	03/28/2017	5.35	19.4	214	0.17	1.90	-5.5
	05/23/2017	5.28	20.5	206	0.21	1.80	-95.0
	10/09/2017	4.70	22.6	210	0.19	2.50	9.7
	04/17/2018	5.80	18.2	368	0.22	3.30	16.0
	08/14/2018	5.36	21.6	201	0.27	2.50	-42.0
	04/10/2019	5.46	17.9	298	0.27	3.10	55.0
	05/21/2019	5.66	19.8	213	0.35	10.40	81.1
	09/24/2019	-	22.2	183	0.29	1.50	-
	03/26/2020	5.80	17.6	265	0.38	4.40	43.8
	09/23/2020	5.33	22.1	246	0.36	2.40	59.2
	04/22/2021	4.48	16.5	557	0.36	1.70	-21.9
	09/30/2021	5.80	21.9	323	0.36	0.60	-81.5
	05/02/2022	5.82	19.3	608	0.34	2.90	222.0
	10/11/2022	5.81	21.4	221	0.37	2.50	236.0
	04/11/2023	5.56	18.9	235	0.43	3.90	57.6
	10/23/2023	5.84	22.3	195	0.41	0.70	43.7
	04/23/2024	6.21	17.4	253	0.37	4.84	-
	10/10/2024	5.43	21.8	107.9	0.28	3.10	47.4
	04/15/2025	5.87	18.8	98	0.54	4.40	7.7
MW-2	03/29/2016	4.70	21.0	71	0.09	1.70	214.4
	05/18/2016	4.74	21.2	72	0.08	1.50	227.8
	07/19/2016	4.71	22.0	71	0.10	3.30	199.0
	09/19/2016	4.59	21.9	71	0.16	1.10	188.0
	11/29/2016	4.82	21.7	69	0.16	1.95	248.2
	01/31/2017	4.51	21.5	68	0.17	3.00	223.3
	03/28/2017	4.54	21.9	71	0.17	2.80	237.0
	05/23/2017	4.45	21.4	71	0.17	2.60	239.2
	10/10/2017	4.33	22.1	70	0.19	3.10	234.4
	04/17/2018	4.76	21.2	69	0.26	3.70	235.0
	08/14/2018	4.48	22.6	62	0.24	3.90	230.5
	04/10/2019	4.54	21.4	80	0.34	4.50	256.0
	05/21/2019	4.71	21.3	57	0.26	11.20	279.7
	09/24/2019	-	21.3	55	0.31	3.30	-
	03/26/2020	4.81	21.1	64	0.31	3.80	247.9
	09/23/2020	4.42	21.3	72	0.35	3.30	247.0
	04/22/2021	3.22	20.6	120	0.48	3.00	160.0
	09/30/2021	4.82	21.4	86	0.34	3.90	81.2
	05/02/2022	4.83	21.7	147	0.48	4.80	222.0
	10/11/2022	4.91	21.6	56	0.37	5.54	236.5
	04/11/2023	4.57	21.5	55	0.40	4.60	246.0
ABANDONED							
MW-2R	10/25/2023	5.35	19.9	224	0.60	4.12	124.6
	04/23/2024	6.32	19.4	475	0.33	3.00	-
	10/10/2024	5.71	20.8	205.7	0.22	3.10	7.6
	04/16/2025	6.17	20.7	176.8	0.31	2.75	-43.8
MW-3	04/06/2019	4.53	17.8	78	0.58	3.40	156.0
	05/22/2019	4.65	18.5	65	0.41	3.50	105.5
	09/24/2019	4.75	21.0	60	0.62	2.70	-
	11/18/2019	4.59	20.4	84	0.39	2.70	128.5
	01/29/2020	4.96	17.1	113	0.31	4.80	111.9
	03/26/2020	5.14	18	94	0.32	3.00	63.4
	06/23/2020	4.73	19.3	74	0.37	1.50	-31.6
	09/22/2020	4.37	20.8	75	0.40	0.40	126.0
	04/22/2021	3.90	16.5	172	0.41	1.70	35.9
	09/29/2021	5.21	21.6	100	0.43	0.02	9.1
	05/03/2022	5.08	18.1	177	0.43	0.40	222.0
	10/11/2022	4.87	21	61	0.48	1.58	236.4
	04/10/2023	4.75	17.4	64	0.46	3.80	104.1
	10/23/2023	4.94	21.6	55	0.98	0.10	19.8
	04/23/2024	5.70	17.2	66	0.35	3.24	-
	10/09/2024	4.24	21.6	36.1	0.34	2.40	139.8
	04/15/2025	5.38	17.8	29.7	0.35	3.70	109.1
MW-4	03/29/2016	4.52	20.8	2373	0.07	3.80	-
	05/18/2016	4.45	20.8	2423	0.11	1.10	183.7
	07/19/2016	4.55	21.1	2413	0.09	0.16	143.0
	09/19/2016	4.57	21.4	2484	0.16	1.50	130.0
	11/29/2016	4.06	22.4	2756	0.15	0.39	250.3
	01/31/2017	4.55	21.5	2477	0.14	1.40	135.1
	03/28/2017	4.53	21.6	2513	0.16	1.40	150.5
	05/23/2017	4.40	21.1	2557	0.16	1.70	156.0
	10/10/2017	4.63	22.1	2401	0.17	2.90	107.8
	12/11/2018	8.28	21.4	3378	0.23	3.00	102.9
	04/17/2018	4.71	20.6	2903	0.21	1.10	135.7
	08/14/2018	4.82	22	2207	0.20	2.90	74.6
	04/10/2019	4.87	20.7	2811	0.26	2.20	147.0
	05/22/2019	5.17	20.6	2162	0.26	3.70	75.1
	09/24/2019	-	21.7	2011	0.27	1.90	-
	03/26/2020	5.12	20.7	2184	0.29	2.60	75.0
	09/23/2020	4.94	22	2259	0.32	2.30	96.1
	04/21/2021	6.04	20.2	2039	0.34	1.80	132.0
	09/28/2021	5.03	21.6	2408	0.32	1.90	67.5
	05/03/2022	4.86	20.9	3636	0.33	0.60	222.0
	10/11/2022	5.11	22.2	1656	0.36	1.85	236.4
	04/10/2023	5.58	20.4	1421	0.42	2.00	-38.7
ABANDONED							
MW-4R	10/25/2023	6.35	24.1	815	1.29	4.09	-25.2
	04/24/2024	6.47	19.6	1125	0.31	4.54	-
	10/15/2024	5.8	23.7	559	0.3	3.91	43.5
	04/15/2025	6.05	19.9	380	0.31	4.89	-17.3
MW-5	03/29/2016	5.96	22.4	1061	0.07	3.40	-
	05/18/2016	6.03	22.6	1022	0.06	2.90	-74.9
	07/19/2016				Dry		
	09/19/2016				Dry		
	11/29/2016				Dry		
	01/31/2017	5.08	22.81	1550	0.23	4.40	239.7
	03/28/2017	5.23	23.7	1474	0.18	3.40	86.8
	05/24/2017	5.50	22.5	1112	0.41	3.30	41.9
	10/10/2017				Dry		
	04/17/2018	5.97	21.7	1180	0.21	3.10	-50.6
	08/14/2018				Dry		
	04/09/2019	6.04	21.50	1076	0.22	1.80	-51.20
	05/21/2019	6.34	22.00	974	0.24	3.30	-97.10
	09/26/2019				Dry		
	03/24/2020	6.08	21.3	685	0.31	4.00	-40.5
	09/22/2020				Dry		
	04/19/2021	6.40	21.0	814	0.29	4.20	-50.5
	09/28/2021	5.66	22.0	1224	0.30	0.70	-94.1
	04/26/2022	6.32	20.7	1079	0.34	4.80	228.0
	10/11/2022				Dry		
	04/18/2023	6.1	21.4	770	0.35	3.70	-65.3
	10/24/2023				Dry		
	04/11/2024	6.2	20.2	515	0.29	3.90	-
	10/02/2024				Dry		
	04/10/2025	5.6	22.5	308.2	0.31	4.1	1.6

APPENDIX B
HISTORICAL GROUNDWATER FIELD DATA SUMMARY
Charles R. Lowman Power Plant
Leroy, Alabama

Monitoring Well	Date	pH Standard Units	Temperature C°	Conductivity µS/Cm	Dissolved Oxygen mg/L	Turbidity NTUs	ORP Mv
MW-5A	08/04/2016	5.97	23.3	2658	0.21	3.20	32.5
	09/20/2016	6.01	23.9	2582	0.16	2.60	55.0
	11/29/2016	5.81	23.1	2083	0.19	2.70	23.9
	01/31/2017	5.98	22.9	2527	0.13	1.90	18.0
	03/28/2017	5.64	23.6	2291	0.15	4.10	54.0
	05/24/2017	5.63	23.0	2021	0.18	2.90	64.0
	10/10/2017	5.84	23.6	1738	0.18	3.20	18.1
	12/11/2018	8.50	22.0	2979	0.21	2.90	-70.0
	04/17/2018	6.39	22.4	2143	0.20	1.30	-31.7
	08/15/2018	6.15	22.8	1257	0.29	2.40	96.3
	04/09/2019	6.10	22.0	1435	0.24	2.00	-1.6
	09/26/2019	6.10	22.8	1184	0.31	2.50	-
	03/23/2020	6.10	22.2	914	0.28	4.20	24.1
	09/22/2020	5.94	22.0	850	0.37	2.50	120.0
	04/19/2021	6.35	21.4	837	0.30	2.20	16.5
	09/28/2021	6.34	21.9	1032	0.31	0.60	-18.6
	04/26/2022	6.09	20.7	1001	0.35	4.97	228.0
	10/12/2022	5.83	22.1	693	0.39	2.37	227.4
	04/18/2023	5.93	21.9	781	0.38	0.41	0.6
	10/24/2023	6.36	22.4	771	0.44	4.00	55.0
	04/23/2024	6.23	21.3	781	0.31	1.98	-
	10/15/2024	5.82	22.3	442.6	0.32	4.97	48.1
	04/17/2025	5.95	20.4	287	0.3	3.12	35.6
MW-6	03/29/2016	6.15	20.4	907	0.07	4.80	-88.5
	05/18/2016	6.04	20.4	788	0.20	4.60	-79.3
	07/19/2016	6.20	21.4	673	0.11	3.40	-126.0
	09/19/2016	6.31	22.3	735	0.13	1.80	-117.0
	11/29/2016	6.35	22.2	689	0.31	1.90	-84.3
	01/31/2017	5.43	21.1	709	0.15	2.70	103.4
	03/29/2017	5.82	21.2	732	0.20	2.40	4.8
	05/24/2017	5.66	20.7	719	0.24	3.00	17.0
	10/11/2017	6.07	22.3	736	0.20	2.70	-79.4
	12/11/2018	8.17	21.2	1068	0.22	3.50	-128.7
	04/17/2018	5.82	19.2	954	0.20	3.50	60.7
	08/15/2018	6.20	21.2	595	0.21	3.30	-91.4
	04/07/2019	5.65	19.7	656	0.27	2.90	113.7
	05/21/2019	5.73	20.1	553	0.28	9.30	138.1
	09/25/2019	6.35	22.8	584	0.31	2.40	-
	03/26/2020	6.08	19.6	552	0.32	4.10	32.8
	09/23/2020	6.07	21.3	613	0.31	3.00	-78.6
	04/21/2021	7.26	17.4	514	0.39	3.70	416.0
	09/30/2021	6.04	21.5	670	0.44	2.30	-27.3
	04/27/2022	5.75	19.0	495	0.36	3.50	238.0
	10/17/2022	6.39	20.7	560	0.43	11.10	232.4
	04/12/2023	5.68	18.5	401	0.62	4.30	147.7
	10/17/2023	6.21	19.1	710	0.49	4.40	-81.7
	04/09/2024	5.85	18.2	487	0.28	2.80	-
	10/02/2024	6.33	22.2	455.4	0.34	4.70	-101.6
	04/15/2025	5.90	18.6	143.1	0.34	3.51	98.3
MW-7	03/29/2016	5.94	21.8	1649	0.11	1.31	128.9
	05/18/2016	5.91	21.9	1878	0.12	1.56	104.0
	07/19/2016	6.13	22.7	1077	0.21	2.60	57.6
	09/19/2016	6.03	23.2	2186	0.18	2.00	73.0
	11/29/2016	5.99	23.2	2971	0.67	1.60	23.2
	01/31/2017	5.93	22.6	1142	0.14	1.90	68.6
	03/29/2017	6.05	22.4	2070	0.18	1.90	22.4
	05/24/2017	5.96	21.8	1543	0.17	2.00	27.2
	10/11/2017	6.16	22.9	1134	0.25	3.20	-1.6
	12/11/2018	8.57	22.0	1965	0.27	1.90	-39.2
	04/17/2018	6.24	21.0	800	0.25	1.40	133.9
	08/15/2018	6.03	22.3	1344	0.31	1.40	58.3
	04/07/2019	6.04	21.2	1198	0.26	1.70	77.7
	09/25/2019	6.30	22.9	704	0.59	3.30	-
	03/26/2020	6.27	22.1	499	0.31	2.10	138.1
	09/23/2020	6.04	22.1	615	0.40	2.70	51.7
	04/20/2021	6.97	20.9	481	0.37	3.70	69.1
	09/29/2021	6.67	22.1	597	0.36	1.90	-39.2
	05/03/2022	6.31	21.3	909	0.35	3.10	222.0
	10/17/2022	6.24	21.9	387	0.40	4.21	232.4
	04/12/2023	6.05	20.4	357	0.75	2.10	106.9
	10/18/2023	5.96	20.1	424	0.70	1.90	205.5
	04/22/2024	6.40	20.5	400	0.32	1.90	-
	10/09/2024	6.21	25.3	193.5	1.2	4.60	17.8
	04/15/2025	6.34	21.2	129.2	1.07	3.69	92.7
MW-8	03/29/2016	6.11	19.7	403	0.12	1.96	186.0
	05/18/2016	6.29	21.4	501	0.20	1.90	19.2
	07/19/2016	6.43	22.2	637	0.13	2.30	-150.0
	09/19/2016	6.48	22.7	633	0.11	3.20	-133.0
	11/29/2016	6.43	21.4	612	0.13	2.00	-141.4
	01/31/2017	6.42	21.4	522	0.14	1.40	-111.0
	03/29/2017	6.19	22.2	530	0.15	2.90	5.2
	05/24/2017	6.17	22.0	524	0.21	2.70	-19.9
	10/11/2017	6.40	22.1	576	0.16	1.20	-126.7
	12/11/2018	8.07	20.5	821	0.16	1.40	-150.8
	04/17/2018	6.65	21.2	477	0.18	2.70	-134.8
	08/15/2018	6.47	22.3	505	0.20	2.50	-134.0
	04/07/2019	6.26	20.1	390	0.25	1.10	26.3
	05/21/2019	6.53	20.0	351	0.25	1.20	-71.4
	09/26/2019	6.63	21.9	517	0.28	1.90	-
	03/26/2020	6.60	20.2	393	0.29	4.30	-96.3
	09/23/2020	6.43	21.4	521	0.29	1.80	-117.9
	04/21/2021	7.55	18.3	447	0.33	1.30	-127.0
	09/30/2021	6.70	21.6	547	0.34	2.60	-182.0
	04/27/2022	6.82	19.9	468	0.32	3.71	238.7
	10/17/2022	6.61	21.2	455	0.34	4.60	232.4
	04/12/2023	6.53	20.4	322	0.38	2.00	-137.8
	10/23/2023	6.94	21.9	482	0.38	0.10	-135.0
	04/22/2024	6.74	19.8	413	0.29	2.10	-
	10/15/2024	6.61	21.9	274.2	0.22	2.29	-139.6
	04/15/2025	6.93	20.9	149.9	0.29	2.27	-124.8
MW-9	03/29/2016	6.26	18.6	844	0.80	4.70	-77.5
	05/18/2016	6.26	19.2	1001	1.92	3.70	-33.6
	07/19/2016	6.20	21.3	1186	1.70	2.40	-24.7
	09/19/2016	6.13	22.1	1465	2.18	2.20	-5.0
	11/29/2016	6.26	21.5	2259	1.80	0.13	3.0
	01/31/2017	6.00	20.0	1769	0.35	1.20	-24.8
	03/28/2017	5.90	19.5	1798	2.05	1.50	-0.1
	05/22/2017	5.95	19.7	1873	1.58	2.80	-10.2
	10/09/2017	5.47	22.4	1639	0.34	2.90	-33.9
	12/11/2018	7.34	20.7	2517	0.36	1.10	-64.9
	04/17/2018	6.39	17.8	1877	0.26	3.00	-105.1
	8/14/2018	5.96	21.2	2336	0.26	0.40	-109.1
	04/10/2019	5.91	18.2	3189	0.28	1.00	-32.5
	09/24/2019	-	22.3	2495	0.27	1.20	-
	03/26/2020	6.06	19.4	2593	0.32	3.90	-33.7
	09/23/2020	5.90	22.0	2506	0.32	1.40	-41.3
	04/21/2021	7.56	17.6	1771	0.37	2.00	-24.7
	09/30/2021	6.22	21.7	2052	0.37	1.40	-116.0
	04/25/2022	6.34	18.6	2386	-	-	225.5
	10/11/2022	6.39	22.3	1505	0.95	1.25	236.5
	04/11/2023	6.08	18.3	1238	0.41	3.00	-27.1
	10/19/2023	6.15	21.5	1642	2.31	3.80	-41.1
	04/17/2024	6.54	18.1	1226	0.30	2.10	-
	10/02/2024	6.12	23	1005	0.22	2.11	-44.8
	04/10/2025	6.56	19.5	612	0.32	2.53	-95.3

APPENDIX B
HISTORICAL GROUNDWATER FIELD DATA SUMMARY
Charles R. Lowman Power Plant
Leroy, Alabama

Monitoring Well	Date	pH Standard Units	Temperature C°	Conductivity µS/Cm	Dissolved Oxygen mg/L	Turbidity NTUs	ORP Mv
MW-10	03/29/2016	3.78	21.1	897	5.11	3.10	373.0
	05/18/2016	3.95	21.3	989	4.03	0.50	391.0
	07/19/2016	3.81	22.8	917	1.33	3.80	354.0
	09/19/2016	3.79	23.1	954	0.49	3.70	402.0
	11/29/2016	3.83	21.7	895	0.23	1.60	297.2
	01/31/2017	4.06	22.0	1145	1.47	1.80	332.0
	03/29/2017	3.90	22.5	930	0.23	1.20	378.0
	05/24/2017	3.84	22.0	884	0.26	1.60	344.0
	10/11/2017	4.05	22.4	832	0.94	2.40	330.2
	12/11/2018	8.02	20.7	1361	1.41	1.20	329.1
	04/17/2018	4.01	21.2	1108	0.57	2.00	353.8
	08/14/2018	4.32	23.4	659	1.39	2.50	309.1
	04/09/2019	3.87	21.5	808	1.22	0.80	327.0
	09/26/2019	4.36	24.2	709	0.98	1.40	-
	03/25/2020	4.31	21.7	842	0.59	3.20	339.7
	09/23/2020	3.91	23.9	765	0.87	1.90	340.0
	04/20/2021	5.24	21.3	1042	0.63	1.40	262.0
	09/30/2021	4.41	22.0	743	1.89	1.10	126.0
	04/27/2022	3.80	21.0	790	0.50	0.49	238.0
	10/13/2022	4.81	22.3	498	1.28	1.75	233.6
	04/12/2023	4.55	20.9	611	0.76	3.10	229.3
	10/18/2023	4.70	22.6	669	2.17	3.40	260.0
	04/22/2024	5.56	21.1	718	1.87	0.90	-
	10/10/2024	4.76	22.4	338.1	2.08	2.11	-44.8
	04/15/2025	4.84	21.8	258.4	1.2	3.61	258.7
MW-11	03/29/2016	6.76	23.7	3130	0.12	0.50	-116.9
	05/18/2016	6.76	23.9	2944	0.12	4.60	-125.7
	07/19/2016	6.75	25.7	3019	0.13	0.80	-125.0
	09/19/2016	6.93	27.3	3324	0.16	1.30	-112.0
	11/29/2016	6.65	26.5	2729	2.94	0.60	-75.9
	01/31/2017	6.80	24.1	2138	0.18	2.60	-99.6
	03/29/2017	6.88	23.2	2524	0.15	1.00	-124.8
	05/24/2017	6.73	22.9	2270	0.16	1.40	-107.8
	10/10/2017	6.58	26.3	3120	0.20	1.90	-116.1
	12/11/2018	10.58	23.8	5259	0.20	0.00	-126.4
	04/17/2018	7.06	21.1	2762	0.21	0.80	-123.7
	08/15/2018	7.00	24.7	1418	0.21	1.10	-115.0
	04/09/2019	6.90	20.7	2503	0.25	0.70	-92.5
	05/23/2019	6.85	20.7	2381	0.30	1.60	-82.2
	09/26/2019	7.15	25.6	2995	0.30	1.50	-
	03/25/2020	7.06	22.2	2296	0.30	1.60	-100.4
	09/24/2020	6.84	-	-	0.33	1.10	-116.7
	04/20/2021	7.51	21.6	1331	0.33	0.51	-102.1
	10/01/2021	7.09	24.7	1431	0.36	0.10	-183.0
	04/27/2022	6.99	20.9	1021	0.38	2.10	238.8
	10/17/2022	6.93	24.6	776	0.39	2.96	232.5
	04/12/2023	6.80	21.2	736	0.47	1.30	-12.1
	10/18/2023	6.76	26.9	899	0.41	1.50	-101.0
	04/23/2024	6.77	21.3	755	0.31	3.81	-
	10/10/2024	6.90	26.2	471.3	0.22	3.11	-116.2
	04/16/2025	7.07	22.7	305.4	0.34	1.37	-93.4
MW-12	03/29/2016	6.13	22.4	948	6.25	3.20	212.0
	05/18/2016	5.67	22.5	961	5.00	3.80	201.8
	07/19/2016				Dry		
	09/19/2016				Dry		
	11/29/2016				Dry		
	01/31/2017	5.71	22.8	846	1.53	2.70	201.5
	03/30/2017	5.59	22.4	815	2.43	1.20	337.0
	05/25/2017	5.58	21.7	1028	3.94	0.80	394.2
	10/10/2017				Dry		
	04/17/2018	5.71	22.5	1220	0.27	1.10	262.3
	08/15/2018				Dry		
	04/09/2019	5.65	22.2	1062	1.06	0.30	254.00
	09/26/2019				Dry		
	03/24/2020	5.82	22.5	972	0.31	1.00	230.6
	09/24/2020				Dry		
	04/21/2021	6.81	20.3	723	0.72	0.60	140.0
	10/01/2021	7.07	22.2	803	2.78	0.70	64.4
	04/25/2022	6.02	22.5	1110	0.81	-	225.6
	10/11/2022				Dry		
	04/18/2023	6.10	21.2	831	3.91	1.40	183.0
	10/17/2023				Dry		
	04/09/2024	5.98	21.2	602	2.69	1.80	-
	10/02/2024				Dry		
	04/10/2025	5.93	23.1	299.0	0.4	1.4	171.4
MW-12A	07/19/2016	5.67	23.6	1152	2.34	4.10	230.2
	09/20/2016	5.59	23.9	1063	1.76	2.90	269.0
	11/29/2016	5.39	22.5	1077	2.33	2.50	282.9
	01/31/2017	5.69	22.9	1027	0.17	1.20	141.2
	03/30/2017	5.57	22.3	834	0.29	0.80	309.8
	05/25/2017	5.44	22.3	995	1.48	1.00	384.5
	10/10/2017	5.38	23.6	883	1.62	1.10	213.8
	12/11/2018	8.68	21.4	1459	1.48	1.90	221.2
	04/17/2018	5.67	22.6	1580	0.23	0.80	238.6
	08/14/2018	5.45	25.2	780	1.13	1.70	291.5
	04/09/2019	5.50	22.0	1057	0.43	0.20	256.0
	09/26/2019	5.85	23.9	819	1.12	1.20	-
	03/24/2020	5.84	22.8	969	0.30	1.40	213.7
	09/24/2020	5.41	-	-	2.02	0.10	377.0
	04/21/2021	6.78	21.4	702	0.34	0.80	113.0
	10/01/2021	5.83	22.1	834	0.67	0.19	-8.9
	04/25/2022	5.86	22.6	1101	0.33	-	225.6
	10/13/2022	5.63	21.4	602	1.90	1.97	233.6
	04/18/2023	5.69	21.7	700	0.47	0.40	157.1
	10/17/2023	5.54	19.8	889	2.29	0.20	316.3
	04/09/2024	5.74	21.3	489	0.51	1.20	-
	10/02/2024	5.50	25.3	473	1.73	3.80	163.6
	04/10/2025	5.81	22.9	284.5	0.39	3.24	157.8

APPENDIX B
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Charles R. Lowman Power Plant
Leroy, Alabama

Monitoring Well	Date	pH Standard Units	Temperature C°	Conductivity µS/Cm	Dissolved Oxygen mg/L	Turbidity NTUs	ORP Mv
MW-13	05/18/2016	6.05	20.7	777	0.27	3.10	26.2
	07/19/2016	5.97	23.5	602	0.24	0.70	18.8
	09/19/2016	6.18	26.0	495	2.75	2.20	115.0
	11/29/2016	6.19	24.5	890	0.35	1.70	77.9
	01/31/2017	6.01	21.7	891	1.49	1.90	120.1
	03/27/2017	6.23	20.8	737	1.38	2.20	99.8
	05/25/2017	6.18	21.4	579	0.74	3.30	56.2
	10/10/2017	5.92	26.3	473	0.69	1.50	28.5
	12/11/2018	8.34	22.9	709	0.32	1.10	7.5
	04/17/2018	6.46	20.6	401	1.02	2.40	-19.5
	08/13/2018	6.26	23.9	396	1.40	2.20	88.7
	04/09/2019	6.25	19.4	381	0.50	1.30	17.6
	09/23/2019	-	25.7	273	2.17	2.20	-
	03/25/2020	6.52	21.5	345	0.40	2.10	345.0
	09/21/2020				Dry		
	04/19/2021	6.20	19.9	356	1.77	2.27	1.4
	09/28/2021	6.61	24.4	479	0.68	0.97	-22.8
	05/02/2022	6.41	22.1	725	1.48	3.10	222.0
	10/18/2022	6.02	23.5	304	2.17	3.83	247.1
	04/10/2023	6.81	20.4	317	8.42	4.00	-93.1
	10/17/2023				Dry		
	04/17/2024	6.49	21.1	310	0.67	3.90	-
	10/03/2024				Dry		
	04/22/2025	6.58	20.90	70.20	7.41	2.62	-28.20
MW-13A	04/08/2019	5.78	21.3	451	1.27	11.80	9.2
	05/22/2019	5.94	21.6	389	0.28	3.90	-22.4
	09/23/2019	-	22.4	351	0.31	3.60	-
	11/18/2019	5.56	21.3	473	0.30	2.40	84.8
	01/30/2020	5.50	20.3	542	0.31	0.80	72.2
	03/25/2020	5.59	22.2	415	0.30	1.20	64.9
	06/23/2020	5.62	21.8	409	0.32	0.60	-19.4
	09/21/2020	5.32	21.9	408	0.39	-8.90	51.7
	04/19/2021	5.28	21.1	454	0.33	1.71	58.2
	09/28/2021	5.64	21.9	550	0.35	0.83	40.5
	04/27/2022	5.39	22.0	471	0.40	4.70	238.8
	10/17/2022	5.47	22.1	410	0.41	4.23	232.4
	04/11/2023	5.30	20.8	411	0.46	3.80	84.1
	10/17/2023	5.33	22.9	590	0.47	1.10	81.2
	04/17/2024	5.94	21.4	498	0.31	1.10	-
	10/03/2024	5.15	23.6	348	0.32	3.16	84.8
	04/10/2025	5.35	22.6	282.5	0.33	3.09	63.8
MW-14	05/18/2016	6.09	22.8	1014	0.09	1.30	137.6
	07/19/2016				Dry		
	09/19/2016				Dry		
	11/29/2016				Dry		
	01/31/2017	4.62	24.9	1303	0.16	0.80	246.9
	03/29/2017	4.99	23.7	1574	1.16	1.60	173.0
	05/23/2017	5.46	24.8	921	0.32	2.50	107.5
	10/10/2017				Dry		
	04/17/2018	6.11	24.4	1943	0.21	3.10	-75.9
	08/15/2018				Dry		
	04/10/2019	6.05	23.0	1539	0.20	3.80	-59.9
	09/26/2019				Dry		
	03/24/2020	6.11	23.1	1031	0.24	4.20	-35.0
	09/24/2020				Dry		
	04/22/2021	4.83	21.5	1661	0.30	3.60	-104.0
	09/29/2021	6.42	23.5	1049	0.31	0.42	-206.2
	04/26/2022	6.35	22.0	1324	0.30	3.38	228.0
	10/11/2022				Dry		
	04/13/2022	5.7	21.1	694	0.37	4.40	-22.8
	10/24/2023				Dry		
	04/11/2024	6.3	21.6	728	0.28	2.70	-
	10/02/2024				Dry		
	04/10/2025	5.8	23.4	321.6	0.3	4.3	-16.6
MW-14A	08/04/2016	5.63	23.8	1642	0.17	1.20	75.5
	09/19/2016	5.75	24.1	1596	0.15	1.90	85.0
	11/29/2016	5.48	23.3	1494	0.19	0.70	54.6
	01/31/2017	5.11	24.0	1671	0.13	1.10	120.1
	03/29/2017	5.38	24.0	1825	0.16	1.20	54.7
	05/23/2017	5.16	23.9	1729	0.17	2.10	69.5
	10/10/2017	5.09	24.1	1642	0.18	2.30	82.0
	12/11/2018	7.24	23.3	2412	0.23	2.10	-10.2
	04/17/2018	5.53	22.9	2459	0.19	1.30	60.9
	08/15/2018	5.34	24.0	1352	0.20	1.20	63.2
	04/10/2019	5.41	23.1	1847	0.24	1.80	84.6
	09/26/2019	5.76	23.5	1341	0.32	2.70	-
	03/24/2020	5.80	23.6	921	0.26	3.40	61.5
	09/24/2020	5.40	-	-	0.31	1.20	70.4
	04/22/2021	4.45	22.4	1218	0.31	0.76	-24.0
	09/29/2021	6.08	23.4	929	0.32	0.60	-130.2
	05/04/2022	5.91	23.3	1568	0.37	3.00	222.0
	10/12/2022	5.51	23.1	658	0.38	3.99	227.4
	04/13/2023	5.62	21.2	526	0.36	2.10	21.5
	10/24/2023	6.07	23.5	631	0.87	4.70	51.7
	04/22/2024	6.25	22.3	627	0.29	1.91	-
	10/09/2024	5.69	24.5	404.6	0.25	4.22	30.6
	04/15/2025	5.86	23.2	206.6	0.28	2.04	61.9
MW-14B	09/29/2021	6.56	22.5	1516	0.35	1.20	-195.4
	04/26/2022	6.12	21.7	893	0.35	4.50	228.0
	10/12/2022	5.90	22.5	1151	0.39	2.94	227.4
	04/13/2023	5.82	19.6	470	0.69	4.60	-20.2
	10/24/2023	6.31	21.9	340	0.49	0.20	42.9
	04/22/2024	6.34	21.6	479	0.34	2.90	-
	10/03/2024	5.82	24.6	453.6	0.23	4.19	-47.7
	04/11/2025	6.06	21.8	210.2	0.32	0.49	-28.3
MW-15	04/07/2019	5.49	20.7	226	0.30	4.20	102.0
	05/22/2019	5.55	20.8	197	0.29	8.50	97.8
	09/24/2019	5.68	22.4	122	0.56	3.80	-
	11/20/2019	4.98	20.3	174	0.60	2.30	189.0
	01/30/2020	5.03	19.0	167	1.68	2.90	277.8
	03/23/2020	5.44	19.6	110	1.91	4.30	222.7
	06/22/2020	5.49	19.9	119	0.81	2.30	92.8
	09/21/2020	5.04	20.1	114	1.06	4.10	234.5
	04/20/2021	7.41	19.6	129	1.64	3.70	220.0
	10/04/2021	6.11	19.7	100	0.56	3.80	210.0
	04/26/2022	5.17	19.3	150	0.71	-	228.2
	10/12/2022	5.15	20.5	84	0.45	4.99	227.3
	04/10/2023	5.14	18.2	84	1.87	2.50	221.0
	10/17/2023	5.34	19.9	102	0.67	4.70	198.7
	04/11/2024	5.77	18.3	96	1.09	2.70	-
	10/03/2024	5.16	21.1	56.2	1.03	4.09	201
	04/11/2025	5.13	19	37.2	1.1	2.38	151.3

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Charles R. Lowman Power Plant
Leroy, Alabama

Monitoring Well	Date	pH Standard Units	Temperature C°	Conductivity µS/Cm	Dissolved Oxygen mg/L	Turbidity NTUs	ORP Mv
MW-16	04/08/2019	5.90	21.6	1229	0.25	3.90	-19.0
	05/22/2019	5.86	22.0	1027	0.26	11.00	10.9
	09/25/2019	6.06	22.7	985	6.06	2.50	-
	11/19/2019	5.99	21.4	1118	0.31	2.80	35.2
	01/30/2020	5.85	21.1	1071	0.30	3.90	51.9
	03/24/2020	5.97	22.1	716	0.30	4.80	38.0
	06/22/2020	5.95	22.1	710	0.28	3.90	33.7
	09/22/2020	5.78	21.6	769	0.37	4.70	17.0
	04/20/2021	6.25	21.3	683	0.33	4.70	61.4
	10/04/2021	6.17	22.7	554	0.37	4.30	51.1
	04/26/2022	5.99	20.6	790	0.35	-	228.0
	10/12/2022	5.68	21.5	510	0.38	5.76	227.3
	04/12/2023	5.70	20.3	418	0.41	3.20	99.1
	10/17/2023	5.76	21.5	718	0.42	4.86	38.5
	04/11/2024	6.27	19.8	472	0.33	1.50	-
	10/03/2024	5.76	23.4	291.2	0.23	4.23	37.1
	04/11/2025	5.75	20.7	161.9	0.35	2.70	77.8
MW-17	04/08/2019	6.12	21.7	1724	0.24	4.60	-30.5
	05/22/2019	6.09	22.3	1199	0.25	13.50	-28.7
	09/26/2019	6.24	23.0	1150	0.32	4.00	-
	11/19/2019	6.27	21.1	1353	0.28	4.50	24.8
	01/30/2020	6.11	21.6	1802	0.31	3.30	34.2
	03/25/2020	6.22	22.3	1217	0.28	4.70	-0.9
	06/23/2020	6.29	22.9	1180	0.31	4.80	-118.8
	09/22/2020	6.01	21.9	969	0.37	4.80	-46.4
	04/19/2021	6.70	21.3	1027	0.31	3.10	26.5
	09/28/2021	6.45	21.6	1226	0.33	2.01	-11.8
	05/03/2022	6.26	21.9	1842	0.37	4.60	222.0
	10/12/2022	5.81	22.7	830	0.42	4.98	227.4
	04/12/2023	6.00	21.1	788	0.39	3.70	13.0
	10/26/2023	6.23	23.1	738	0.44	4.20	45.1
	04/24/2024	6.38	20.9	891	0.34	3.65	-
	10/15/2024	5.84	22.1	481.6	0.3	4.89	47.1
	04/17/2025	6.17	22.4	305.6	0.31	2.49	32.4
MW-18	04/07/2019	6.24	19.8	553	0.25	2.10	-101.0
	05/22/2019	6.15	20.4	486	0.24	10.20	-80.0
	09/24/2019	5.94	21.0	294	0.27	1.70	-
	11/19/2019	6.08	19.4	366	0.27	2.40	-42.1
	01/29/2020	6.19	18.5	700	0.32	1.30	-87.6
	03/25/2020	6.27	20.4	501	0.29	2.80	-101.1
	06/23/2020	6.16	21.8	366	0.30	2.50	-126.0
	09/22/2020	5.87	20.3	301	0.34	3.50	-44.8
	04/19/2021	6.92	19.8	521	0.31	3.10	-76.1
	09/29/2021	6.37	20.1	348	0.35	0.02	-133.0
	04/26/2022	6.25	19.4	614	0.36	3.30	228.0
	10/12/2022	5.81	20.2	256	0.37	4.03	227.3
	04/12/2023	6.04	19.6	383	0.40	3.90	-81.9
	10/19/2023	5.90	19.8	337	0.44	4.03	-25.9
	04/11/2024	6.44	18.9	418	0.31	2.10	-
	10/03/2024	5.89	21.1	171.9	0.2	1.80	-37.7
	04/11/2025	6.3	19.7	160.8	0.28	1.99	-73.9
MW-19	04/07/2019	4.95	21.2	372	0.29	3.30	245.0
	05/22/2019	5.01	21.4	293	0.34	5.50	293.0
	09/25/2019	4.92	21.1	358	0.36	4.80	-
	11/20/2019	4.97	20.0	431	0.39	1.00	275.0
	01/29/2020	5.57	19.2	415	0.36	2.60	249.5
	03/25/2020	5.44	20.8	304	0.49	3.50	219.7
	06/23/2020	5.19	21.8	263	0.84	3.10	239.9
	09/22/2020	4.80	21.2	315	0.45	2.40	291.0
	04/20/2021	7.15	21.2	244	0.48	1.90	203.0
	09/29/2021	5.84	21.5	297	0.40	0.21	15.1
	04/26/2022	5.65	20.1	356	0.47	4.30	228.0
	10/18/2022	4.87	19.2	263	0.59	3.99	247.0
	04/13/2023	5.33	19.8	153	0.46	0.90	161.2
	10/17/2023	4.99	20.4	320	0.63	2.00	236.8
	04/17/2024	6.14	20.3	222	0.40	1.89	-
	10/03/2024	4.95	22.3	147.2	0.34	0.80	217.8
	04/10/2025	5.64	21.1	85.9	0.34	1.14	158.7
MW-20	04/06/2019	6.10	19.0	529	0.29	1.20	-118.3
	05/22/2019	6.16	18.6	416	0.27	3.10	-85.8
	09/25/2019	6.64	18.9	488	0.28	2.00	-
	11/20/2019	6.18	18.6	651	0.34	0.70	-131.0
	01/29/2020	6.44	18.3	697	0.30	1.20	-114.1
	03/25/2020	6.39	18.4	470	0.35	2.70	-125.6
	06/23/2020	6.33	18.8	453	0.29	3.40	-144.8
	09/21/2020	6.26	18.7	461	0.36	2.90	-149.8
	04/20/2021	7.29	18.9	510	0.33	1.10	-112.7
	10/04/2021	6.53	19.8	332	0.36	1.60	-66.3
	05/04/2022	6.29	19.2	861	0.39	0.60	222.0
	10/11/2022	6.66	20.9	357	0.35	5.81	236.0
	04/11/2023	6.06	19.6	418	0.39	4.20	-110.0
	10/24/2023	6.54	19.2	357	0.41	3.90	-
	04/09/2024	6.25	18.3	422	0.45	1.40	-129.0
	10/16/2024	6.53	19.5	207.1	0.19	3.29	-134.6
	04/15/2025	6.55	19.3	162.7	0.29	3.51	-112.0
MW-21	04/06/2019	5.98	19.8	465	0.29	3.30	-28.0
	05/22/2019	6.07	19.4	408	0.27	10.50	-1.7
	09/25/2019	6.68	21.3	586	0.32	4.60	-
	11/19/2019	6.40	20.0	644	0.28	3.70	-65.9
	01/29/2020	6.42	18.8	811	0.29	3.70	-73.8
	03/25/2020	6.34	19.6	492	0.30	4.70	-57.0
	06/24/2020	6.23	19.5	578	0.36	4.30	-56.4
	09/22/2020	6.42	19.7	548	0.41	4.00	-116.5
	04/21/2021	7.10	18.5	568	0.31	3.80	-87.8
	10/04/2021	6.53	20.3	357	0.37	4.70	8.7
	05/03/2022	6.35	19.6	1075	0.38	4.70	222.0
	10/13/2022	6.65	20.3	453	0.40	8.18	233.6
	04/11/2023	6.24	19.5	454	0.40	4.80	-88.3
	10/24/2023	6.84	20.8	438	0.97	4.60	-86.8
	04/09/2024	6.23	18.7	357	0.49	4.40	-
	10/16/2024	6.54	19.9	260.3	1.01	4.72	-96.6
	04/17/2025	6.52	19.2	165.2	0.33	3.59	-65.5
MW-22	04/07/2019	6.24	22.3	774	0.27	3.10	-51.5
	05/22/2019	6.23	21.6	615	0.26	4.80	-53.3
	09/26/2019	6.39	23.9	751	0.29	2.50	-
	11/19/2019	6.37	22.7	841	0.28	2.30	-70.1
	01/29/2020	6.41	20.3	1063	0.29	4.40	-74.5
	03/23/2020	6.41	21.2	710	0.31	2.10	-75.2
	06/23/2020	6.44	22.0	627	0.31	4.60	-100.4
	09/21/2020	6.23	22.1	634	0.35	2.10	-113.7
	04/20/2021	7.10	21.4	674	0.33	3.90	-69.8
	09/30/2021	6.60	22.7	820	0.33	1.00	-179.0
	05/02/2022	6.46	21.8	1326	0.32	3.70	222.0
	10/13/2022	6.40	22.4	557	0.37	3.49	233.7
	04/12/2023	6.20	21.3	573	0.38	2.19	-90.0
	10/24/2023	6.51	21.5	573	0.46	1.70	-99.7
	04/09/2024	6.41	21.1	603	0.45	1.90	-370.0
	10/09/2024	6.36	23	401.4	0.18	3.60	-105.5
	04/15/2025	6.45	21	250.9	0.32	1.92	-87.9

APPENDIX B
HISTORICAL GROUNDWATER FIELD DATA SUMMARY
Charles R. Lowman Power Plant
Leroy, Alabama

Monitoring Well	Date	pH Standard Units	Temperature C°	Conductivity µS/Cm	Dissolved Oxygen mg/L	Turbidity NTUs	ORP Mv
MW-23	04/08/2019	6.91	23.8	2507	0.25	3.90	-130.0
	05/22/2019	6.72	23.8	2503	0.26	5.70	-103.3
	09/27/2019	6.97	24.0	2506	0.31	1.60	-
	11/19/2019	6.92	23.6	3043	0.25	2.40	-100.0
	01/30/2020	6.63	22.7	3950	0.28	3.90	-93.1
	03/23/2020	6.73	23.7	2490	0.28	4.00	-97.8
	06/24/2020	6.51	23.7	2851	0.30	3.70	-89.5
	09/24/2020	6.40	-	-	0.29	4.60	-80.9
	04/22/2021	5.06	23.0	4331	0.29	2.70	-130.0
	10/01/2021	6.69	23.8	2831	0.33	4.50	-207.0
	05/04/2022	6.62	23.8	4628	0.31	4.40	222.0
	10/18/2022	6.26	24.0	1691	0.36	4.11	247.1
	04/18/2023	6.61	24.0	2071	0.38	4.60	-93.1
	10/25/2023	6.77	24.6	1555	0.38	1.70	-76.1
	04/24/2024	6.84	23.4	2098	0.30	2.98	-
	10/16/2024	6.83	24.3	994	0.23	3.27	-101.9
	04/21/2025	7.05	24.4	735	0.27	4.32	-105.8
MW-24	06/24/2020	6.74	23.6	2561	0.34	3.20	-115.7
	09/22/2020	6.43	22.6	1972	0.39	4.10	-64.7
	04/21/2021	7.15	20.9	1850	0.38	3.20	-48.0
	09/28/2021	7.02	22.4	1096	0.32	2.60	-99.8
	05/03/2022	6.75	23.2	2579	0.35	4.70	222.0
	10/18/2022	6.17	21.9	1282	0.41	5.28	247.0
	04/13/2023	6.26	20.4	678	0.43	2.20	-58.6
	10/26/2023	6.53	24.1	981	0.44	4.02	-76.9
	04/23/2024	6.58	22.7	1087	0.31	3.31	-
	10/16/2024	6.38	21.6	564	0.28	3.84	-90.3
	04/21/2025	6.59	23.5	365.4	0.38	2.83	-88.2
MW-25	06/24/2020	5.82	23.4	2611	0.24	3.20	-5.7
	09/23/2020	5.74	23.4	2968	0.35	4.80	11.1
	04/22/2021	4.44	22.7	2829	0.35	4.20	-72.1
	10/05/2021	6.46	23.1	1925	0.36	4.40	23.1
	05/04/2022	6.16	23.5	2919	0.33	4.90	222.0
	10/13/2022	5.97	22.9	1987	0.38	1.47	233.7
	04/13/2023	5.91	22.2	1310	0.39	4.20	-57.1
	10/26/2023	6.12	22.3	2223	0.51	4.02	-9.2
	04/23/2024	6.32	23.0	1999	0.33	3.91	-
	10/16/2024	5.82	22.4	1498	0.34	3.81	-28.3
	04/21/2025	6.1	24.3	835	0.31	2.01	-48.5
MW-26	06/24/2020	6.64	20.3	351	3.97	2.30	109.5
	09/24/2020	6.38	-	-	4.07	2.70	259.0
	04/22/2021	5.12	21.5	721	4.77	3.70	158.0
	10/05/2021	7.04	21.8	539	4.43	3.70	93.0
	05/03/2022	6.62	21.4	990	6.49	2.90	222.0
	10/18/2022	6.26	20.7	425	1.65	3.86	247.0
	04/18/2023	6.50	21.0	405	8.38	4.20	204.7
	10/26/2023	6.30	20.8	412	2.67	3.80	-19.2
	04/23/2024	6.65	20.2	378	6.73	2.94	-
	10/16/2024	6.40	20.6	231	3.02	4.60	-12.1
	04/21/2025	6.01	21.4	140.7	6.02	4.23	81.2

APPENDIX C

2025 FIELD SAMPLING LOG FORMS

GROUNDWATER SAMPLING LOG

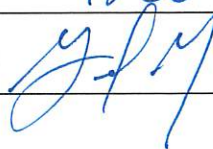
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 1	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-16-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 24.30	STATIC WATER LEVEL DEPTH (feet): 4.60
PURGING INITIATED AT: 1130		PURGING ENDED AT: 1255	TOTAL VOLUME PURGED (gallons): 9.095

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1150	.107	4.69	19.1	0.46	101.9	5.82	80.7	140	orange	none
1200	↓	↓	18.9	0.61	92.1	5.79	69.3	26	clearish	none
1220	↓	↓	18.9	0.64	96.2	5.80	11.4	6.4	clear	none
1225	↓	↓	18.9	0.58	95.9	5.80	9.3	5.21	clear	none
1230	↓	↓	18.8	0.54	98.3	5.81	7.7	4.38	clear	None

SAMPLING DATA

SAMPLE DATE: 4.16.25	SAMPLE COLLECTION TIME: 1230
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

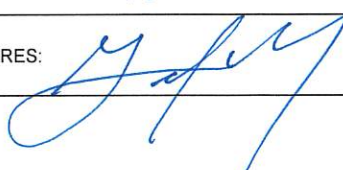
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 2R	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4.16.25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 34.85	STATIC WATER LEVEL DEPTH (feet): 7.79
PURGING INITIATED AT: 1605		PURGING ENDED AT: 1651	TOTAL VOLUME PURGED (gallons): 5.01

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1615	.109	7.92	21.0	0.60	156.7	6.02	-4.5	10.7	clear	none
1620	↓	↓	20.8	0.40	158.4	6.02	-8.0	14.0	clearish	none
1625	↓	↓	20.7	0.37	165.7	6.06	-20.7	6.57	clear	none
1640	↓	↓	20.7	0.31	176.8	6.17	-43.8	2.75	clear	none

SAMPLING DATA

SAMPLE DATE: 4.16.25	SAMPLE COLLECTION TIME: 1640
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

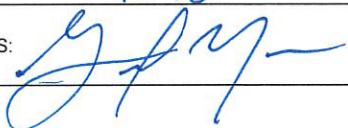
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 3	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-16-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 24.58	STATIC WATER LEVEL DEPTH (feet): 5.20
PURGING INITIATED AT: 10:10		PURGING ENDED AT: 11:12	TOTAL VOLUME PURGED (gallons): 6.63

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1020	.107	6.30	17.8	0.45	31.1	5.46	135.2	6.87	Clear	none
1025	↓	6.33	17.8	0.40	29.4	5.38	138.6	4.72	clear	none
1035	↓	↓	17.8	0.39	29.1	5.37	114.2	3.88	clear	none
1040	↓	↓	17.8	0.35	29.7	5.38	109.1	3.70	Clear	none

SAMPLING DATA

SAMPLE DATE: 4-16-25	SAMPLE COLLECTION TIME: 1040
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 4R	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-15-25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL DEPTH (feet): 29.40	STATIC WATER LEVEL DEPTH (feet): 8.53
PURGING INITIATED AT: 10:10		PURGING ENDED AT: 1157	TOTAL VOLUME PURGED (gallons): 11.66

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1015	1109	8.71	20.6	1.19	411.5	5.64	75.3	75	orange	sulfur odor
1030	↓	↓	20.3	0.40	417.4	5.85	22.5	59	Murky	"
1055	↓	↓	20.0	0.34	395.6	5.99	-3.1	17	clearish	"
1100	↓	↓	20.0	0.33	392.4	6.01	-6.9	15	clearish	"
1120	↓	↓	20.0	0.31	384.5	6.04	-16.7	8.8	clear	"
1130	↓	↓	20.0	0.34	381.4	6.04	-15.2	6.78	clear	none
1145	↓	↓	19.9	0.31	380.0	6.05	-17.3	4.89	clear	none

SAMPLING DATA

SAMPLE DATE: 4-15-25	SAMPLE COLLECTION TIME: 1145
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: dumped cell C 1050 due to silt accumulation * @ 1125 due to silt	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility		SITE LOCATION: Leroy, Washington County, Alabama	
WELL NO: MW - 5		SAMPLE METHOD: Dedicated Bladder Pump DATE: 4.10.25	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLE DATE:	4-10-25	SAMPLE COLLECTION TIME:	1635
SAMPLED BY (PRINT):	Grant Marcum	SAMPLER(S) SIGNATURES:	
REMARKS:	$9.32 \times .16 = 1.49$ $\frac{1.49}{.105} = 14.1 \text{ min}$		

GROUNDWATER SAMPLING LOG

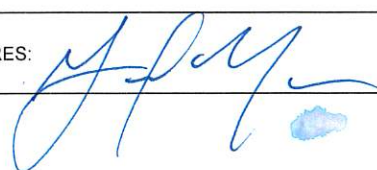
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 5A	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4.17.25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL DEPTH (feet): 39.02	STATIC WATER LEVEL DEPTH (feet): 18.94
PURGING INITIATED AT: 1240		PURGING ENDED AT: 1339	TOTAL VOLUME PURGED (gallons): 6.43

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1310	.109	18.99	20.7	0.32	277.0	5.92	38.5	3.13	clear	none
1320	.109	↓	20.4	0.31	278.0	5.93	38.0	3.08	clear	none
1325	.109	↓	20.3	0.30	287.0	5.95	35.6	3.12	clear	none

SAMPLING DATA

SAMPLE DATE: 4.17.25	SAMPLE COLLECTION TIME: 1325
SAMPLED BY (PRINT): Grant Marcus	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

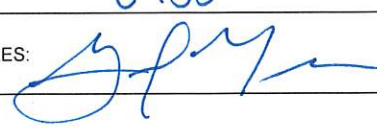
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 6	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-16-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 29.26	STATIC WATER LEVEL DEPTH (feet): 5.69
PURGING INITIATED AT: 855		PURGING ENDED AT: 0953	TOTAL VOLUME PURGED (gallons): 6.79

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0910	.117	6.73	18.9	0.61	145.4	5.95	50.2	14	clear	none
0915	↓	↓	18.8	0.50	145.0	5.92	65.4	6.9	clear	none
925	↓	↓	18.6	0.36	142.6	5.89	93.2	3.65	clear	none
0930	↓	↓	18.6	0.35	142.6	5.90	97.0	3.48	clear	none
0935	↓	↓	18.6	0.34	143.1	5.90	98.3	3.51	clear	none

SAMPLING DATA

SAMPLE DATE: 4-16-25	SAMPLE COLLECTION TIME: 0935
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 7	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-15-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 32.65	STATIC WATER LEVEL DEPTH (feet): 13.33
PURGING INITIATED AT: 1605		PURGING ENDED AT: 1655	
		TOTAL VOLUME PURGED (gallons): 5.45	

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1615	.109	13.33	21.4	1.1	132.5	6.39	62.7	7.7	clear	none
1625	↓	↓	21.3	1.07	129.8	6.35	89.6	3.75	clear	None
1630	↓	↓	21.3	1.05	128.9	6.35	89.3	3.81	clear	None
1640	↓	↓	21.2	1.07	129.2	6.34	92.7	3.69	clear	none

SAMPLING DATA

SAMPLE DATE: 4-15-25	SAMPLE COLLECTION TIME: 1640
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 8	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-15-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 37.68	STATIC WATER LEVEL DEPTH (feet): 6.60
PURGING INITIATED AT: 1455		PURGING ENDED AT: 1539	TOTAL VOLUME PURGED (gallons): 3.96

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1500	.09	6.62	21.2	0.55	145.6	6.80	-69.3	2.77	clear	none
1505			21.0	0.32	145.5	6.86	-101.5	2.31	clear	none
1610			20.9	0.29	147.5	6.89	-115.5	2.59	clear	none
1515			20.9	0.28	147.9	6.88	-116.0	2.43	clear	none
1525			20.9	0.28	149.3	6.92	-120.4	2.33	clear	none
1530	+	+	20.9	0.29	149.9	6.93	-124.8	2.27	clear	none

SAMPLING DATA

SAMPLE DATE: 4-15-25	SAMPLE COLLECTION TIME: 1530
SAMPLED BY (PRINT): Grant Marum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 9	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-10-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 29.01	STATIC WATER LEVEL DEPTH (feet): 7.22
PURGING INITIATED AT: 13:28		PURGING ENDED AT: 14:09	TOTAL VOLUME PURGED (gallons): 4.47

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1335	.109	7.90	19.8	0.46	613	6.60	-93.0	2.29	Clear	none
1340	↓	↓	19.6	0.35	611	6.59	-94.3	1.92	Clear	none
1345			19.7	0.33	613	6.58	-95.5	2.59	Clear	none
1350			19.5	0.32	612	6.56	-95.4	2.62	Clear	none
1355			19.5	0.32	612	6.56	-95.4	2.66	Clear	none
1400			19.5	0.32	612	6.56	-95.3	2.53	Clear	none

SAMPLING DATA

SAMPLE DATE: 4-10-25	SAMPLE COLLECTION TIME: 14:00
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES:
REMARKS: $TD - DTW \times 0.16 = 3.48 \text{ Gal} / 0.109 = 31 \text{ mins}$	

GROUNDWATER SAMPLING LOG

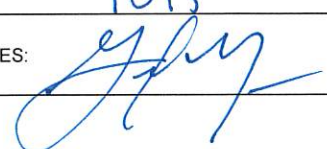
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 10	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-15-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 41.46	STATIC WATER LEVEL DEPTH (feet): 8.32
PURGING INITIATED AT: 1240		PURGING ENDED AT: 1337	TOTAL VOLUME PURGED (gallons): 6.09

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1245	107	8.32	21.6	4.31	146.6	5.76	106.9	17	clearish	none
1300	↓	↓	21.7	1.45	215.1	4.99	194.0	6.8	clear	none
1305	↓	↓	21.8	1.40	249.3	4.94	201.0	4.79	clear	none
1310	↓	↓	21.8	1.32	255.4	4.87	214.9	3.71	clear	none
1315	↓	↓	21.8	1.20	258.4	4.84	258.7	3.61	clear	none

SAMPLING DATA

SAMPLE DATE: 4-15-25	SAMPLE COLLECTION TIME: 1315
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

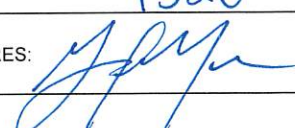
GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 11	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4.16.25	

PURGING DATA

WELL DIAMETER	2	TUBING DIAMETER	1/4	WELL DEPTH (feet):	43.10						STATIC WATER LEVEL DEPTH (feet):	24.42				
PURGING INITIATED AT:				1445				PURGING ENDED AT:				1558		TOTAL VOLUME PURGED (gallons):		6.57
TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)						
1500	.09	24.42	24.2	1.6	306.2	7.01	-49.3	6.7	clear	none						
1505	↓	↓	22.7	0.45	304.4	7.05	-79.5	2.5	clear	none						
1515	↓	↓	22.7	0.35	304.9	7.07	-90.6	1.49	clear	none						
1520	↓	↓	22.7	0.34	305.4	7.07	-93.4	1.37	clear	none						

SAMPLING DATA

SAMPLE DATE: 4.16.25	SAMPLE COLLECTION TIME: 1520
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: clumped cell @ 1455 due to silt	

GROUNDWATER SAMPLING LOG

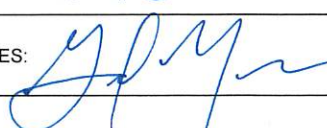
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 12	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-10-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 38.42	STATIC WATER LEVEL DEPTH (feet): 26.81
PURGING INITIATED AT: 1115		PURGING ENDED AT: 12:05	
		TOTAL VOLUME PURGED (gallons): 4.5 Gals	

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circles mg/l or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1125	0.09	26.81	22.6	1.01	299.8	5.93	137.5	4.03	clear	none
1130	0.09	26.81	23.0	0.73	300.4	5.93	154.8	1.74	clear	none
1135	0.09	↓	22.9	0.49	298.9	5.93	164.8	1.38	clear	none
1145	0.09	↓	23.1	0.44	299.0	5.93	171.4	1.40	clear	none

SAMPLING DATA

SAMPLE DATE: 4-10-25	SAMPLE COLLECTION TIME: 11:40
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: $TD - DTW \times 0.16 = 1.85^{gal} / 0.09 = 20 min$	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 12A	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-10-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 46.31	STATIC WATER LEVEL DEPTH (feet): 26.82
PURGING INITIATED AT: 1025		PURGING ENDED AT: 1112	
TOTAL VOLUME PURGED (gallons): 4.75			

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (μmhos/cm or μS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1040	.101	26.82	22.8	0.52	286.1	5.81	158.0	3.24	Clear	none
1045	.101	↓	22.9	0.40	285.6	5.81	161.5	2.90	Clear	none
1050	.101	↓	23.0	0.38	285.3	5.81	152.8	3.00	Clear	none
1055	.101	↓	22.9	0.39	284.5	5.81	157.8	3.24	Clear	none

SAMPLING DATA

SAMPLE DATE: 4-10-25	SAMPLE COLLECTION TIME: 1055
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES:
REMARKS: 19.49	
$\text{purge rate } 1302 / 128 = .101$ $\text{TD} - \text{DTW} \times 0.16 = 3.12 \text{ gal} = 30 \text{ min per well vol.}$.101 gpm	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 13	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4/22/25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 29.25	STATIC WATER LEVEL DEPTH (feet): 13.48
PURGING INITIATED AT: 0740		PURGING ENDED AT: 0839	TOTAL VOLUME PURGED (gallons): 7.08

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0745	.12	13.48	20.7	1.00	123.6	6.32	15.1	16.34	clear	none
0755	↓	↓	20.7	3.29	124.8	6.45	-36.9	11.02	clear	none
0815	↓	↓	20.8	7.19	76.3	6.56	-29.1	2.79	clear	none
0825	↓	↓	20.9	7.41	70.2	6.58	-28.2	2.62	clear	none

SAMPLING DATA

SAMPLE DATE: 4/22/25	SAMPLE COLLECTION TIME: 0830
SAMPLED BY (PRINT): Will Jones	SAMPLER(S) SIGNATURES: Will Jones
REMARKS:	

GROUNDWATER SAMPLING LOG

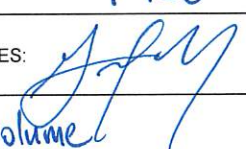
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 13A	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4/10/25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 62.90	STATIC WATER LEVEL DEPTH (feet): 19.98
PURGING INITIATED AT: 1415		PURGING ENDED AT: 1510	TOTAL VOLUME PURGED (gallons): 4.22

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1420	.101	19.98	23.0	4.7	245.3	6.03	22.7	7.6	clear	none
1425	↓	↓	22.8	0.58	217.8	5.80	7.4	4.92	clear	none
1440	.07	↓	22.6	0.35	288.1	5.35	61.9	4.60	clear	none
1445	↓	↓	22.6	0.34	280.6	5.35	62.9	3.13	clear	none
1450	↓	↓	22.6	0.33	282.5	5.35	63.8	3.09	clear	none

SAMPLING DATA

SAMPLE DATE: 4.10.25	SAMPLE COLLECTION TIME: 1450
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: $62.9 - 19.98 \times .16 = 6.8 \text{ gal/well volume}$ 62.9 - 19.98 $.101 = 67 \text{ min}$ 1.01	

GROUNDWATER SAMPLING LOG

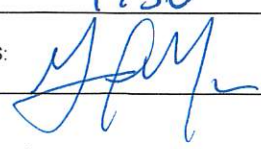
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 14	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 20. 4-10-25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL DEPTH (feet): 29.48	STATIC WATER LEVEL DEPTH (feet): 20.88
PURGING INITIATED AT: 1700		PURGING ENDED AT: 1742	TOTAL VOLUME PURGED (gallons): 4.58

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1705	.109	20.88	23.3	0.36	323.1	5.81	-6.4	10.7	clearish	none
1710	↓	↓	23.3	0.34	325.4	5.82	-11.6	6.91	clear	none
1715	↓	↓	23.3	0.30	324.4	5.84	-15.1	4.36	clear	none
1725	↓	↓	23.3	0.30	323.8	5.84	-16.3	4.22	clear	none
1730	↓	↓	23.4	0.29	321.6	5.84	-16.6	4.30	clear	none

SAMPLING DATA

SAMPLE DATE: 4-10-25	SAMPLE COLLECTION TIME: 1730
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: 8.6 x .16 = 1.37 gal / .109 gpm = 15	

GROUNDWATER SAMPLING LOG

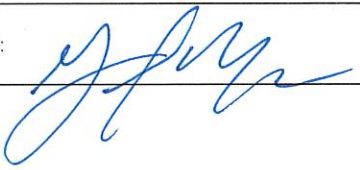
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 14A	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-15-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 38.98	STATIC WATER LEVEL DEPTH (feet): 18.88
PURGING INITIATED AT: 1700		PURGING ENDED AT: 1749	TOTAL VOLUME PURGED (gallons): 5.73

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1705	.117	18.90	23.2	0.51	208.6	5.85	89.6	12.7	clear	none
1715	↓	↓	23.2	0.31	206.7	5.85	79.3	7.08	clear	none
1720	↓	↓	23.2	0.30	207.1	5.85	72.8	4.90	clear	none
1730	↓	↓	23.2	0.28	206.8	5.86	64.7	2.59	clear	none
1740	↓	↓	23.2	0.28	206.6	5.86	61.9	2.04	clear	none

SAMPLING DATA

SAMPLE DATE: 4-15-25	SAMPLE COLLECTION TIME: 1740
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility		SITE LOCATION: Leroy, Washington County, Alabama	
WELL NO: MW - 14B	SAMPLE METHOD: Dedicated Bladder Pump	DATE: 4-11-25	

PURGING DATA

WELL DIAMETER 2 (inches):		TUBING DIAMETER 1/4 (inches):		WELL DEPTH (feet): 64.00				STATIC WATER LEVEL DEPTH (feet): 20.40		
PURGING INITIATED AT: 1000				PURGING ENDED AT: 1051				TOTAL VOLUME PURGED (gallons): 5.56		
TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1005	.109	21.30	21.5	0.40	208.2	6.06	-13.3	0.25	clear	none
1015	↓	↓	21.7	0.34	210.8	6.06	-21.8	0.48	clear	none
1020	↓	↓	21.7	0.33	211.7	6.05	-23.2	0.42	clear	none
1030	↓	↓	21.8	0.32	210.5	6.06	-27.0	0.51	clear	none
1035	↓	↓	21.8	0.31	211.1	6.06	-27.6	0.53	clear	none
1040	↓	↓	21.8	0.32	210.2	6.06	-28.3	0.49	clear	none

SAMPLING DATA

SAMPLE DATE: 4-11-25		SAMPLE COLLECTION TIME: 1040	
SAMPLED BY (PRINT): Grant Marceum		SAMPLER(S) SIGNATURES:	
REMARKS: $\frac{6.97}{.109} = 64$			

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 15	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-11-25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL DEPTH (feet): 33.18	STATIC WATER LEVEL DEPTH (feet): 12.02
PURGING INITIATED AT: 0725		PURGING ENDED AT: 0801	TOTAL VOLUME PURGED (gallons): 3.64

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0730	.101	12.02	18.9	0.90	40.6	5.08	143.3	8.73	clear	none
0740	↓	↓	19.0	1.61	38.5	5.13	147.4	4.83	clear	none
0745	↓	↓	19.0	1.04	37.9	5.14	149.7	4.31	clear	none
0750	↓	↓	19.0	1.10	37.2	5.13	151.3	2.38	clear	none

SAMPLING DATA

SAMPLE DATE: 4-11-25	SAMPLE COLLECTION TIME: 0750
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES:
REMARKS: 33.18 ft - 12.02 ft 21.16 x .16 = 3.38 gal / .101 = 33 min	

GROUNDWATER SAMPLING LOG

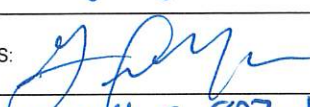
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 16	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-11-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 42.23	STATIC WATER LEVEL DEPTH (feet): 15.85
PURGING INITIATED AT: 0805		PURGING ENDED AT: 0857	TOTAL VOLUME PURGED (gallons): 5.88

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
815	.113	15.89	20.5	1.13	177.6	6.00	130.4	38.6	murky orange	none
820	↓	↓	20.7	0.53	167.6	5.98	100.4	21.7	murky	none
0830	↓	↓	20.8	0.51	162.4	5.97	82.6	8.5	clear	None
835	↓	↓	20.7	0.38	161.3	5.95	82.9	6.1	clear	none
0845	↓	↓	20.7	0.35	161.9	5.95	77.8	2.7	clear	none

SAMPLING DATA

SAMPLE DATE: 4-11-25	SAMPLE COLLECTION TIME: 0845
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: $2638 \times .16 = 4.2$ $/ .113 = 37$ * dump cell @ 827 due to silt	

GROUNDWATER SAMPLING LOG

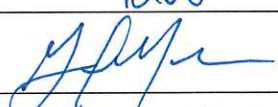
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 17	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-17-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 41.70	STATIC WATER LEVEL DEPTH (feet): 17.67
PURGING INITIATED AT: 1125		PURGING ENDED AT: 1232	TOTAL VOLUME PURGED (gallons): 7.84

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1135	.117	17.67	22.2	0.52	301	6.10	28.5	3.81	clear	none
1200	↓	↓	22.3	0.35	307	6.15	42.8	7.11	clear	none
1210	↓	↓	22.3	0.34	306.9	6.15	42.2	4.36	clear	none
1225	↓	↓	22.4	0.31	305.6	6.17	32.4	2.49	clear	none

SAMPLING DATA

SAMPLE DATE: 4-17-25	SAMPLE COLLECTION TIME: 1200
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS: didn't start sampling until 1210 * jump in turbidity @ 1155	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 18	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4.11.25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 53.03	STATIC WATER LEVEL DEPTH (feet): 16.03
PURGING INITIATED AT: 0905		PURGING ENDED AT: 0953	
TOTAL VOLUME PURGED (gallons): 5.62			

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0910	0.117	16.03	19.9	0.36	183.0	6.31	-73.0	2.8	clear	none
0915	↓	↓	19.5	0.36	181.7	6.50	-89.2	1.8	clear	none
0920			19.7	0.40	180.7	6.30	-65.9	2.01	clear	none
0925			19.8	0.31	174.1	6.31	-73.8	0.40	clear	none
0930			19.8	0.31	171.0	6.31	-79.3	0	clear	none
0935			19.8	0.29	163.0	6.31	-73.6	0.1	clear	none
0940			19.7	0.30	162.0	6.30	-73.4	0.28	clear	none
0945			19.7	0.28	160.8	6.30	-73.9	1.99	clear	none

SAMPLING DATA

SAMPLE DATE: 4.11.25	SAMPLE COLLECTION TIME: 0945
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES:
REMARKS: Pump cell at 0915 0.117 $TD - TWID \times 0.16 = 5.92 \text{ gal}$	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 19	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-10-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 53.13	STATIC WATER LEVEL DEPTH (feet): 30.87
PURGING INITIATED AT: 1525		PURGING ENDED AT: 1609	
		TOTAL VOLUME PURGED (gallons): 4.97	

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1530	0.113	30.87	21.3	0.56	84.6	5.67	120.8	3.14	Clear	none
1535	0.113	↓	21.3	0.40	85.5	5.65	139.7	1.65	Clear	none
1540	0.113		21.3	0.36	85.0	5.67	147.5	1.33	Clear	none
1545	0.113		21.2	0.37	85.2	5.65	150.2	2.67	Clear	none
1550	0.113		21.1	0.35	85.7	5.64	155.7	1.10	Clear	none
1555	0.113		21.1	0.34	85.9	5.64	158.7	1.14	Clear	none

SAMPLING DATA

SAMPLE DATE: 4-10-25	SAMPLE COLLECTION TIME: 1555 1555
SAMPLED BY (PRINT): Grant Marcus	SAMPLER(S) SIGNATURES:
REMARKS: TD - TWD x 0.16 = 3.56 gal / <u>0.113</u> 3 1/2 min	

GROUNDWATER SAMPLING LOG

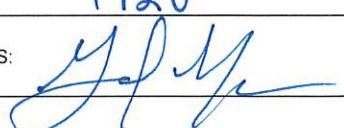
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 20	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-15-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 33.41	STATIC WATER LEVEL DEPTH (feet): 4.22
PURGING INITIATED AT: 1345		PURGING ENDED AT: 1425	TOTAL VOLUME PURGED (gallons): 4.36

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1350	.109	4.80	19.2	0.31	162.8	6.55	-106.7	6.4	clear	none
1405	↓	↓	19.3	0.30	162.1	6.56	-107.2	5.3	clear	none
1420	↓	↓	19.2	0.28	162.7	6.56	-111.5	3.48	clear	none
1425	↓	↓	19.3	0.29	162.7	6.55	-112.0	3.51	clear	none

SAMPLING DATA

SAMPLE DATE: 4-15-25	SAMPLE COLLECTION TIME: 1420
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 21	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4.17.25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 36.45	STATIC WATER LEVEL DEPTH (feet): 7.60
PURGING INITIATED AT: 0940		PURGING ENDED AT: 1052	TOTAL VOLUME PURGED (gallons): 7.85

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (mV)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
0955	.109	7.66	18.9	0.55	163.0	6.45	-18.1	8.19	clear	none
1000	↓	↓	19.0	0.44	163.4	6.48	-39.6	7.55	clear	none
1010	↓	↓	19.1	0.39	164.9	6.49	-52.5	6.34	clear	none
1015	↓	↓	19.1	0.37	164.4	6.50	-56.2	5.88	clear	none
1035	↓	↓	19.2	0.34	165.4	6.51	-64.3	3.77	clear	none
1040	↓	↓	19.2	0.33	165.2	6.52	-65.5	3.59	clear	none

SAMPLING DATA

SAMPLE DATE: 4.17.25	SAMPLE COLLECTION TIME: 1040
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

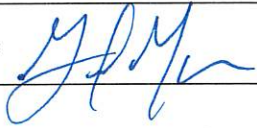
SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 22	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4-16-25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 33.55	STATIC WATER LEVEL DEPTH (feet): 7.22
PURGING INITIATED AT: 740		PURGING ENDED AT: 823	TOTAL VOLUME PURGED (gallons): 4.69

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
755	.109	7.22	20.7	0.41	248.2	6.38	-58.3	5.64	clear	none
0805	↓	↓	20.8	0.35	249.3	6.43	-72.8	1.99	clear	none
0810	↓	↓	21.0	0.32	250.4	6.45	-86.3	1.89	clear	none
0815	↓	↓	21.0	0.32	250.9	6.45	-87.9	1.92	clear	none

SAMPLING DATA

SAMPLE DATE: 4-16-25	SAMPLE COLLECTION TIME: 0815
SAMPLED BY (PRINT): Grant Marcum	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 23	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4/21/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL DEPTH (feet): 43.85	STATIC WATER LEVEL DEPTH (feet): 21.64
PURGING INITIATED AT: 1415		PURGING ENDED AT: 1538	TOTAL VOLUME PURGED (gallons): 9.05

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1420	.109	21.64	24.5	12.1	734	6.71	-55.0	58.91	murky	none
1430	.109		24.4	3.6	734	6.98	-89.8	28.01	clearing	none
1500	.109		24.5	3.4	736	7.03	-103.4	8.23	clear	none
1510	.109		24.5	3.3 .28	735	7.04	-105.6	6.55	clear	none
1520	.109	5	24.4	.27	735	7.05	-105.8	4.32	clear	none

SAMPLING DATA

SAMPLE DATE: 4/21/25	SAMPLE COLLECTION TIME: 1525
SAMPLED BY (PRINT): Will Jones	SAMPLER(S) SIGNATURES: 
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 24	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4/21/25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 53.08	STATIC WATER LEVEL DEPTH (feet): 23.85
PURGING INITIATED AT: 10:30		PURGING ENDED AT: 11:28	TOTAL VOLUME PURGED (gallons): 6.32

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1035	.109	23.90	23.5	1.17	262.3	6.65	-65.8	15.32	clear	none
1040	↓	↓	23.2	0.53	277.6	6.65	-76.0	13.32	clear	none
1050	↓	↓	23.3	0.43	353.1	6.60	-85.1	6.42	clear	none
1110	↓	↓	23.5	0.38	366.0	6.59	-88.1	3.01	clear	none
1115	↓	↓	23.5	0.38	365.4	6.59	-88.2	2.83	clear	none

SAMPLING DATA

SAMPLE DATE: 4/21/25	SAMPLE COLLECTION TIME: 1115
SAMPLED BY (PRINT): Will Jones	SAMPLER(S) SIGNATURES: <i>Will Jones</i>
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 25	SAMPLE METHOD: Dedicated Bladder Pump DATE: 4/21/25

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 1/4	WELL DEPTH (feet): 51.12	STATIC WATER LEVEL DEPTH (feet): 22.69
PURGING INITIATED AT: 1300		PURGING ENDED AT: 1355	TOTAL VOLUME PURGED (gallons): 5.99

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1305	109	22.69	24.2	0.39	825	6.12	-40.3	8.69	clear	none
1315			24.2	0.37	829	6.12	-42.7	4.39	clear	none
1325			24.3	0.35	830	6.11	-45.3	2.14	clear	none
1335			24.3	0.34	833	6.11	-47.1	2.08	clear	none
1345			24.3	0.31	835	6.10	-48.5	2.01	clear	none

SAMPLING DATA

SAMPLE DATE: 4/21/25	SAMPLE COLLECTION TIME: 1345
SAMPLED BY (PRINT): Will Jones	SAMPLER(S) SIGNATURES: <i>Will Jones</i>
REMARKS:	

GROUNDWATER SAMPLING LOG

SITE NAME: Charles R. Lowman Generating Facility	SITE LOCATION: Leroy, Washington County, Alabama
WELL NO: MW - 26	SAMPLE METHOD: Dedicated Bladder Pump
DATE: 4/21/25	

PURGING DATA

WELL DIAMETER 2 (inches):	TUBING DIAMETER 1/4 (inches):	WELL DEPTH (feet): 42.35	STATIC WATER LEVEL DEPTH (feet): 17.15
PURGING INITIATED AT: 1600		PURGING ENDED AT: 1721	TOTAL VOLUME PURGED (gallons): 8.83

TIME	PUMPING RATE (gpm)	DEPTH TO WATER (feet)	TEMP. (°C)	DISSOLVED OXYGEN (circle mg/L or % saturation)	COND. (µmhos/cm or µS/cm)	pH (standard units)	ORP (Mv)	TURBIDITY (NTUs)	COLOR (describe)	ODOR (describe)
1605	.109	17.15	21.5	6.13	141.1	6.83	20.1	68.14	murky	none
1615	.109	↓	21.5	6.16	141.6	6.82	25.4	38.14	clearing	none
1625	.109		21.7	6.05	141.9	6.77	48.2	16.68	clear	none
1635	.109		21.7	6.04	141.7	6.76	54.1	14.25	clear	none
1645	.109		21.7	6.04	141.7	6.74	68.5	8.45	clear	none
1655	.109		21.6	6.01	140.0	6.74	73.5	6.18	clear	none
1700	.109		21.4	6.02	140.7	6.01	81.2	4.23	clear	none

SAMPLING DATA

SAMPLE DATE: 4/21/25	SAMPLE COLLECTION TIME: 1710
SAMPLED BY (PRINT): Will Jones	SAMPLER(S) SIGNATURES: <i>Will Jones</i>
REMARKS:	

Groundwater Level Measurements
Charles R. Lowman Power Plant

Well/ Piezometer Number.	Casing Elevation ft-amsl	Total Depth ft - btc	Bottom Elevation ft-amsl	Water Level Date: 4-15-25 ft - btc
MW-1	29.17	24.30	4.87	4.58
MW-2R	33.35	34.85	-1.50	7.79
MW-3	28.55	24.58	3.97	5.13
MW-4R	35.64	29.40	6.24	8.53
MW-5	37.41	29.35	8.06	19.80
MW-5A	37.23	39.02	-1.79	19.40
PZ-6	49.30	44.30	5.00	27.83
MW-6	30.14	29.26	0.88	5.64
MW-7	34.20	32.65	1.55	13.33
MW-8	32.91	37.68	-4.77	6.60
MW-9	32.63	29.01	3.62	7.16
MW-10	34.14	41.46	-7.32	8.32
MW-11	45.29	43.10	2.19	24.38
MW-12	43.31	38.42	4.89	26.54
MW-12A	43.39	46.31	-2.92	26.62
MW-13	42.26	29.25	13.01	13.44
MW-13A	41.61	62.90	-21.29	19.79
PZ-13	34.56	37.57	-3.01	12.95
MW-14	38.56	29.48	9.08	18.80
MW-14A	38.50	38.98	-0.48	18.88

MW-14B	38.64	64.00	-25.36	18.95
MW-15	31.51	33.18	-1.67	11.62
MW-16	34.70	42.23	-7.53	14.55
MW-17	36.23	41.70	-5.47	17.54
MW-18	32.64	53.03	-20.39	15.91
MW-19	50.76	53.13	-2.37	29.88
MW-20	30.01	33.41	-3.40	4.22
MW-21	30.00	36.45	-6.45	7.59
MW-22	30.24	33.55	-3.31	7.20
MW-23	38.86	43.85	-4.99	20.95
MW-24	40.84	53.08	-12.24	22.70
MW-25	39.65	51.12	-11.47	21.72
MW-26	33.94	42.35	-8.41	16.98
River Stage				

QA/QC Samples

Date

Time

Field Blank

4-22-25

09:45

Rinsate Blank

4-22-25

09:30

Duplicate (MW-23)

4-21-25

00:00

Well Volume Calculation: (Total Depth – Static Water Level) x 0.163 (gallons per foot in 2" well) = 1 Well Volume

Divide: 1 Well Volume by purge rate to get amount of time needed to purge 1 well volume

APPENDIX D

HISTORICAL GROUNDWATER ANALYTICAL DATA

SUMMARY

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-1				
INSTALLATION DATE:	10/14/13	WELL DEPTH (FT-BTOC):	24.3	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	29.17	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/31/2017	3/28/2017	5/23/2017	10/9/2017	4/17/2018
Antimony	mg/L	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0010	0.0014	<0.0010	-	<0.0010
Arsenic	mg/L	0.010	0.00072	<0.00046	0.0014	<0.00046	<0.00046	0.0011	0.0013	0.00083	-	0.0019
Barium	mg/L	2.0	0.11	0.11	0.096	0.10	0.093	0.091	0.094	0.11	-	0.12
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	<0.00034
Boron	mg/L	-	<0.021	<0.021	0.024	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034		<0.00034
Calcium	mg/L	-	26	25	17	17	14	25	23	26	29	34
Chloride	mg/L	250	2.5	2.1	2.2	1.4	3.5	2.9	3.1	4	3.8	2.6
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	<0.0011
Cobalt	mg/L	0.013	0.010	0.0089	0.0069	0.0057	0.0060	0.0072	0.0082	0.0094	-	0.011
Fluoride	mg/L	4.0	0.04	0.04	0.04	<0.032	<0.032	0.04	<0.032	0.05	0.06	0.07
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	<0.00035
Lithium	mg/L	0.040	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	-	0.0022
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.00008	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	<0.000070
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	0.00088	<0.00085	<0.00085	-	<0.00085
Selenium	mg/L	0.050	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	-	0.00065
Sulfate	mg/L	250	15	14	12	14	18	20	18	16	12	12
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085		<0.000085
TDS	mg/L	500	100	150	90	80	110	98	72	74	150	140
Radium-226	pCi/L	-	0.171	0.207	0.186	0.171	0.048	-	0.170	0.031	-	-
Radium-228	pCi/L	-	0.413	0.287	0.421	0.362	0.157	-	0.318	-0.142	-	-
Combined Radium	pCi/L	5	0.584	0.494	0.607	0.533	0.205	-	0.489	-0.112	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-1				
INSTALLATION DATE:	10/14/13	WELL DEPTH (FT-BTOC):	24.3	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	29.17	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/14/2018	4/10/2019	9/24/2019	3/26/2020	9/23/2020	4/22/2021	9/30/2021	5/2/2022	10/11/2022	4/11/2023
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.00073	0.0014	0.0014	0.0023	0.0020	0.0017	0.0023	0.0024	0.00230	0.0012
Barium	mg/L	2.0	0.12	0.12	0.14	0.13	0.14	0.14	0.135	0.146	0.138	0.117
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	<0.021	<0.021	0.016	0.016	0.012	0.017	0.023	0.015	0.022	0.019
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	26	28	28	33	28	44.4	32.1	36.3	27.4	33.2
Chloride	mg/L	250	2.7	2.8	2.6	3.5	2.6	2.47	2.27	2.25	2.38	1.87
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.0077	0.0086	0.0079	0.008	0.009	0.008	0.008	0.009	0.007	0.007
Fluoride	mg/L	4.0	0.07	0.08	<0.125	<0.125	<0.125	<0.125	0.143	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0025	0.0018	<0.0050	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.008
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00200	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00024	<0.00071	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	11	10	14.3	30	13	31.8	13.7	15.4	11.5	29.9
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.001000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	110	150	160	172	118	220	232	143	167	188
Radium-226	pCi/L	-	0.282	0.159	0.450	0.801	0.000	-0.0579	0.144	0.300	0.000	0.249
Radium-228	pCi/L	-	0.198	0.263	1.080	0.793	0.735	1.49	0.644	0.721	0.416	0.578
Combined Radium	pCi/L	5	0.480	0.421	1.530	1.594	0.735	1.49	0.788	1.02	0.416	0.827

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-1				
INSTALLATION DATE:	10/14/13	WELL DEPTH (FT-BTOC):	24.3	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	29.17	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/23/2023	4/23/2024	10/10/2024	4/15/2025						
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010						
Arsenic	mg/L	0.010	0.0031	<0.0010	0.0052	<0.0010						
Barium	mg/L	2.0	0.131	0.124	0.12	0.11						
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010						
Boron	mg/L	-	0.018	0.022	0.018	0.021						
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010						
Calcium	mg/L	-	26.9	34.4	25	36						
Chloride	mg/L	250	2.13	2.23	2.2	2.0						
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001						
Cobalt	mg/L	0.013	0.007	0.007	0.006	0.007						
Fluoride	mg/L	4.0	0.162	0.218	<0.125	<0.125						
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010						
Lithium	mg/L	0.040	<0.004	<0.005	<0.004	<0.004						
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020						
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	0.003						
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001						
Sulfate	mg/L	250	21.9	37.9	17.6	31.1						
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010						
TDS	mg/L	500	118	150	124	160						
Radium-226	pCi/L	-	-0.337	0.269	0.0503	0.058						
Radium-228	pCi/L	-	0.840	0.828	0.243	0.142						
Combined Radium	pCi/L	5	0.840	1.10	0.293	0.200						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-2				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	36.47	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.18	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/31/2017	3/28/2017	5/23/2017	10/10/2017	4/17/2018
Antimony	mg/L	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0010	<0.0010	<0.0010	-	<0.0010
Arsenic	mg/L	0.010	<0.00046	<0.00046	0.00055	<0.00046	<0.00046	<0.00046	<0.00046	<0.00046	-	<0.00046
Barium	mg/L	2.0	0.070	0.075	0.067	0.067	0.070	0.075	0.072	0.078	-	0.07
Beryllium	mg/L	0.004	<0.00034	<0.00034	0.000068	<0.00034	<0.00034	0.00037	<0.00034	<0.00034	-	0.00035
Boron	mg/L	-	0.022	<0.021	<0.0042	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021	<0.021
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	<0.00034
Calcium	mg/L	-	3.6	3.6	3.0	3.2	3.0	3.5	3.1	3.6	3.6	3.3
Chloride	mg/L	250	0.89	<0.60	<0.60	<0.60	2.2	1.1	1	1.9	1.8	0.93
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	<0.0011
Cobalt	mg/L	0.013	0.012	0.013	0.011	0.011	0.011	0.012	0.012	0.012	-	0.012
Fluoride	mg/L	4.0	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032	<0.032
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	<0.00035
Lithium	mg/L	0.040	0.0034	<0.0032	<0.00064	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	-	0.0022
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000083	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	<0.000070
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	-	<0.00085
Selenium	mg/L	0.050	0.0003	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	-	0.0003
Sulfate	mg/L	250	14	14	14	16	17	15	14	16	15	15
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	<0.000085
TDS	mg/L	500	46	56	42	30	76	32	12	26	46	38
Radium-226	pCi/L	-	0.140	0.161	0.092	0.100	0.093	-	0.193	0.103	-	-
Radium-228	pCi/L	-	0.465	0.268	0.301	-0.021	0.156	-	0.505	0.120	-	-
Combined Radium	pCi/L	5	0.605	0.430	0.393	0.079	0.249	-	0.698	0.223	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-2				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	36.47	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.18	WELL TYPE:		II		
							DIAMETER (IN):		2			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/14/2018	4/10/2019	9/24/2019	3/26/2020	9/23/2020	4/22/2021	9/30/2021	5/2/2022	10/11/2022	4/11/2023
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	<0.00046	<0.00046	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.067	0.064	0.067	0.068	0.067	0.071	0.07	0.07	0.071	0.064
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	<0.021	<0.021	0.0168	0.018	0.012	0.017	0.019	0.017	0.02	0.018
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	3.2	3.0	3.2	3.2	3.32	3.44	3.52	3.39	3.16	3.41
Chloride	mg/L	250	0.63	<1.4	1.05	0.969	1.02	1.1	1.03	1.2	1.24	1.14
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.011	0.010	0.010	0.010	0.010	0.01	0.011	0.01	0.01	0.01
Fluoride	mg/L	4.0	0.04	<0.032	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0027	0.002	<0.005	<0.005	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.008
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00200	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00024	<0.00071	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	15	14	20	18	15	15.4	16.2	21.9	20.7	20.9
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	50	44	66	69	65	56	70.5	37.8	51.5	58.4
Radium-226	pCi/L	-	0.285	0.079	0.153	0.647	0.167	0.529	-0.195	0.189	0.204	0.362
Radium-228	pCi/L	-	0.107	0.088	0.796	1.060	1.260	0.551	0.427	0.390	0.597	0.273
Combined Radium	pCi/L	5	0.392	0.166	0.949	1.707	1.430	1.08	0.427	0.579	0.801	0.635

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-2R					
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	34.85	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	33.35	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/23/2023	4/23/2024	10/10/2024	4/16/2025						
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010						
Arsenic	mg/L	0.010	0.0085	0.009	0.0167	0.0287						
Barium	mg/L	2.0	0.075	0.143	0.101	0.112						
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010						
Boron	mg/L	-	0.015	0.0	0.0	0.0						
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010						
Calcium	mg/L	-	17.2	50.7	29.7	37.4						
Chloride	mg/L	250	10.8	10.4	16.7	8.12						
Chromium	mg/L	0.100	<0.001	0.001	<0.001	<0.010						
Cobalt	mg/L	0.013	0.019	0.02	0.02	0.03						
Fluoride	mg/L	4.0	<0.125	0.136	<0.125	0.325						
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010						
Lithium	mg/L	0.040	<0.004	<0.005	<0.004	<0.004						
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020						
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	0.003						
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.005						
Sulfate	mg/L	250	46.2	38.5	44	32.3						
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010						
TDS	mg/L	500	150	312	242	336						
Radium-226	pCi/L	-	-0.263	0.327	-0.276	0.457						
Radium-228	pCi/L	-	0.432	0.426	0.362	0.355						
Combined Radium	pCi/L	5	0.432	0.753	0.362	0.812						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-3				
INSTALLATION DATE:	01/01/13	WELL DEPTH (FT-BTOC):	24.58	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	28.55	WELL TYPE:	II			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/6/2019	6/4/2019	8/1/2019	9/24/2019	11/18/2019	1/29/2020	3/26/2020	6/23/2020	9/22/2020	4/22/2021
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	<0.00046	-	<0.0010	<0.0010	<0.0010	0.00102	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.13	-	0.122	0.121	0.120	0.098	0.098	0.125	0.131	0.091
Beryllium	mg/L	0.004	0.00057	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	<0.021	-	0.0204	0.0208	0.0222	0.0180	0.0180	0.0220	0.0190	0.02
Cadmium	mg/L	0.005	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	5.7	-	4.42	4.51	4.63	5.78	6.92	5.27	5.03	7.09
Chloride	mg/L	250	<1.4	-	1.85	2.16	2.16	2.46	2.62	1.81	1.97	2.33
Chromium	mg/L	0.100	<0.0011	-	<0.0010	0.00105	<0.0010	0.00254	0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.031	0.027	0.0257	0.0252	0.0296	0.0223	0.026	0.028	0.03	0.019
Fluoride	mg/L	4.0	0.04	-	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	-	<0.0010	<0.0010	<0.0010	0.00203	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0027	-	<0.0050	<0.0050	<0.0050	0.0083	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	-	<0.0010	<0.0010	<0.0010	0.0013	0.001	<0.001	<0.001	0.002
Selenium	mg/L	0.050	<0.00071	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	21	-	23.1	26.0	21.1	20.6	27.8	20.6	19.7	22.5
Thallium	mg/L	0.002	<0.000085	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	24	-	<50.0	70.7	52.5	52.6	80	66.6	56	125
Radium-226	pCi/L	-	0.160	-	0.296	0.774	0.590	0.164	0.835	0.898	0.260	0.0656
Radium-228	pCi/L	-	0.205	-	1.000	0.913	0.816	0.0217	0.930	0.623	0.905	0.881
Combined Radium	pCi/L	5	0.365	-	1.296	1.690	1.410	0.186	1.765	1.520	1.170	0.947

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-3				
INSTALLATION DATE:	01/01/13	WELL DEPTH (FT-BTOC):	24.58	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	28.55	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	9/29/2021	5/3/2022	10/11/2022	4/10/2023	10/25/2023	4/23/2024	10/9/2024	4/15/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0037		
Arsenic	mg/L	0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Barium	mg/L	2.0	0.112	0.097	0.115	0.092	0.089	0.106	0.112	0.078		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	0.028	0.017	0.024	0.019	0.036	0.018	0.022	0.02		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Calcium	mg/L	-	5.81	6.8	4.33	6.57	3.92	5.7	4.57	11.5		
Chloride	mg/L	250	1.75	2.01	1.85	1.68	1.52	1.49	1.61	2.88		
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	<0.001	0.002		
Cobalt	mg/L	0.013	0.026	0.021	0.030	0.021	0.022	0.021	0.025	0.014		
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	0.157	<0.125	<0.125	<0.125		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	<0.0050	<0.0050	<0.0050	<0.008	<0.004	<0.005	<0.004	<0.004		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Sulfate	mg/L	250	20.8	23.7	20	26.4	19	36.3	28.7	18.7		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	61.3	61.4	74	<25.2	<25.0	52	50	81		
Radium-226	pCi/L	-	0.153	0.321	0.0699	0.195	-0.172	0.851	0.552	-0.0607		
Radium-228	pCi/L	-	0.261	0.705	0.255	0.483	0.229	0.746	0.282	0.182		
Combined Radium	pCi/L	5	0.414	1.03	0.325	0.678	0.229	1.60	0.834	0.182		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-4				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	36.4	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	36.40	WELL TYPE:	II			
								DIAMETER (IN):	2			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/31/2017	3/28/2017	5/23/2017	10/10/2017	12/11/2017
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	0.0054	0.0073	0.0049	0.0059	0.0040	0.0064	0.0053	0.0039	-	-
Barium	mg/L	2.0	0.030	0.032	0.031	0.041	0.31	0.05	0.045	0.041	-	-
Beryllium	mg/L	0.004	0.0053	0.0055	0.0044	0.0056	0.0070	0.0066	0.0055	0.0056	-	-
Boron	mg/L	-	1.8	1.7	1.4	1.7	2.9	2.0	2.2	2.8	1.9	2.2
Cadmium	mg/L	0.005	0.00095	0.00076	0.00099	0.00110	0.00100	0.00085	0.00095	<0.0017	-	-
Calcium	mg/L	-	290	290	270	260	300	290	250	310	290	310
Chloride	mg/L	250	460	430	400	500	560	490	190	500	470	430
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	0.99	1.00	0.99	1.00	1.00	0.98	0.96	1.00	-	-
Fluoride	mg/L	4.0	0.31	0.34	0.37	0.38	0.34	0.41	0.38	0.36	0.39	0.45
Lead	mg/L	0.015	0.0018	0.0020	0.0019	0.0018	0.0024	0.0020	0.0019	0.0021	-	-
Lithium	mg/L	0.040	0.0093	0.0069	0.0060	0.0062	0.0087	0.0045	0.0073	0.0065	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000083	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	-
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	-	-
Selenium	mg/L	0.050	0.0028	0.0028	0.0036	0.0067	0.0030	0.0027	0.0029	0.0037	-	-
Sulfate	mg/L	250	610	550	490	610	710	470	550	640	520	500
Thallium	mg/L	0.002	0.00023	0.00025	0.00023	0.00027	0.00031	0.0003	0.00029	0.00027	-	-
TDS	mg/L	500	1700	2000	1900	1800	2400	310	1400	1800	1900	2000
Radium-226	pCi/L	-	0.252	0.270	0.319	0.238	0.656	-	0.331	0.182	-	-
Radium-228	pCi/L	-	0.331	0.329	0.589	0.446	0.545	-	0.471	0.491	-	-
Combined Radium	pCi/L	5	0.583	0.599	0.908	0.684	1.200	-	0.803	0.673	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-4				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	36.4	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	36.40	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/18/2018	8/14/2018	4/10/2019	6/4/2019	9/24/2019	3/26/2020	9/23/2020	4/21/2021	9/28/2021	5/3/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	-	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0034	0.0048	0.0036	-	<0.0050	0.0061	0.0017	<0.0010	0.00340	<0.0050
Barium	mg/L	2.0	0.04	0.057	0.044	-	0.044	0.035	0.038	0.025	0.036	0.034
Beryllium	mg/L	0.004	0.0057	0.0053	0.0046	-	0.0056	0.0052	0.0053	0.0044	0.0044	0.0046
Boron	mg/L	-	2.5	1.8	2.1	-	2.1	2.6	2.1	2.47	2.41	2.43
Cadmium	mg/L	0.005	0.00076	0.00080	0.00057	-	<0.00500	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	300	270	250	-	286	264	277	154	281	278
Chloride	mg/L	250	480	470	430	-	469	504	478	493	443	457
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	-	<0.0050	<0.005	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.98	0.90	0.82	0.69	0.86	0.82	0.87	0.892	0.816	0.8700
Fluoride	mg/L	4.0	0.38	0.47	0.38	-	1.03	0.288	0.43	0.549	0.665	0.43
Lead	mg/L	0.015	0.0019	0.0017	0.0014	-	<0.005	0.0017	0.0018	0.0019	<0.0050	0.0016
Lithium	mg/L	0.040	0.0086	0.0071	0.0056	-	0.0071	0.00597	0.0068	0.0057	0.005	0.0054
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	-	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00200	-	<0.00500	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	0.0022	0.0015	0.0013	-	<0.0050	<0.005	0.003	<0.001	<0.001	<0.005
Sulfate	mg/L	250	580	560	510	-	656	637	602	725	751	867
Thallium	mg/L	0.002	0.00030	0.00023	0.00023	-	<0.00500	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010
TDS	mg/L	500	1700	1700	1800	-	1890	1650	1850	1990	1700	1940
Radium-226	pCi/L	-	-	0.371	0.234	-	0.698	0.979	0.243	0.121	0.146	0.273
Radium-228	pCi/L	-	-	0.614	1.020	-	0.871	0.942	0.541	0.652	0.879	0.762
Combined Radium	pCi/L	5	-	0.985	1.250	-	1.570	1.921	0.784	0.773	1.03	1.04

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant			Location:	Leroy, Alabama		WELL ID:	MW-4				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	36.4	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	36.40	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/11/2022	4/10/2023								
Antimony	mg/L	0.006	<0.0010	<0.0010								
Arsenic	mg/L	0.010	0.0012	0.0212								
Barium	mg/L	2.0	0.027	0.05								
Beryllium	mg/L	0.004	0.0054	0.0033								
Boron	mg/L	-	2.65	2.04								
Cadmium	mg/L	0.005	<0.0010	<0.0010								
Calcium	mg/L	-	299	210								
Chloride	mg/L	250	489	397								
Chromium	mg/L	0.100	<0.001	<0.001								
Cobalt	mg/L	0.013	0.982	0.58								
Fluoride	mg/L	4.0	0.738	0.4								
Lead	mg/L	0.015	0.0011	0.0013								
Lithium	mg/L	0.040	0.00649	<0.008								
Mercury	mg/L	0.0020	<0.00020	<0.00020								
Molybdenum	mg/L	0.100	<0.001	<0.001								
Selenium	mg/L	0.050	0.001	0.005								
Sulfate	mg/L	250	732	678								
Thallium	mg/L	0.002	<0.0010	<0.0010								
TDS	mg/L	500	1810	1600								
Radium-226	pCi/L	-	0.000	0.0690								
Radium-228	pCi/L	-	1.35	1.47								
Combined Radium	pCi/L	5	1.35	1.54								

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-4					
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	29.4	SCREEN LENGTH (FT):	15	CASING ELEV (FT / MSL)	35.64	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/25/2023	4/24/2024	10/15/2024	4/15/2025						
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010						
Arsenic	mg/L	0.010	0.004	0.002	0.004	0.003						
Barium	mg/L	2.0	0.130	0.106	0.083	0.084						
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010						
Boron	mg/L	-	2.14	2.67	2.72	2.41						
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010						
Calcium	mg/L	-	98.6	126	98.9	115						
Chloride	mg/L	250	100	135	116	81.8						
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.002						
Cobalt	mg/L	0.013	0.02	0.02	0.01	0.03						
Fluoride	mg/L	4.0	0.136	0.26	<0.125	0.138						
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010						
Lithium	mg/L	0.040	<0.004	<0.005	<0.004	<0.004						
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020						
Molybdenum	mg/L	0.100	0.002	0.002	0.001	0.002						
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001						
Sulfate	mg/L	250	250	523	327	370						
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010						
TDS	mg/L	500	610	767	687	694						
Radium-226	pCi/L	-	-0.114	0.0525	-0.900	0.734						
Radium-228	pCi/L	-	0.926	0.431	0.470	0.891						
Combined Radium	pCi/L	5	0.926	0.484	0.470	1.630						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-5				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	29.35	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	37.41	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	2/1/2017	3/28/2017	5/24/2017	10/10/2017	4/18/2018
Antimony	mg/L	0.006	<0.0010	<0.0010	Dry	Dry	Dry	<0.0010	<0.0010	<0.0010	Dry	<0.0010
Arsenic	mg/L	0.010	0.012	0.032	-	-	-	<0.00046	0.0042	0.0082	-	0.013
Barium	mg/L	2.0	0.23	0.33	-	-	-	0.075	0.055	0.22	-	0.26
Beryllium	mg/L	0.004	<0.00034	<0.00034	-	-	-	<0.00034	<0.00034	<0.00034	-	<0.00034
Boron	mg/L	-	1.3	0.29	-	-	-	5.9	4.9	3.1	-	1.7
Cadmium	mg/L	0.005	<0.00034	<0.00034	-	-	-	0.002	0.00061	0.00063	-	<0.00034
Calcium	mg/L	-	130	130	-	-	-	260	210	160	-	150
Chloride	mg/L	250	71	41	-	-	-	190	120	120	-	90
Chromium	mg/L	0.100	<0.0011	<0.0011	-	-	-	<0.0011	<0.0011	<0.0011	-	<0.0011
Cobalt	mg/L	0.013	0.0270	0.0230	-	-	-	0.018	0.028	0.031	-	0.03
Fluoride	mg/L	4.0	0.1	0.15	-	-	-	<0.032	0.04	0.08	-	0.11
Lead	mg/L	0.015	<0.00035	<0.00035	-	-	-	<0.00035	<0.00035	<0.00035	-	<0.00035
Lithium	mg/L	0.040	<0.0032	<0.0032	-	-	-	0.0096	0.0075	0.0034	-	0.0045
Mercury	mg/L	0.0020	<0.000070	<0.000070	-	-	-	<0.000070	<0.000070	<0.000070	-	<0.000070
Molybdenum	mg/L	0.100	<0.00085	<0.00085	-	-	-	<0.00085	<0.00085	<0.00085	-	<0.00085
Selenium	mg/L	0.050	0.0033	0.0047	-	-	-	<0.00024	<0.00024	0.0021	-	0.0027
Sulfate	mg/L	250	150	20	-	-	-	140	400	230	-	130
Thallium	mg/L	0.002	<0.000085	<0.000085	-	-	-	<0.000085	0.000085	<0.000085	-	<0.000085
TDS	mg/L	500	770	680	-	-	-	1300	1100	940	-	880
Radium-226	pCi/L	-	0.511	0.432	-	-	-	-	0.163	0.194	-	-
Radium-228	pCi/L	-	0.331	0.306	-	-	-	-	0.309	0.338	-	-
Combined Radium	pCi/L	5	0.842	0.738	-	-	-	-	0.472	0.532	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-5				
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	29.35	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	37.41	WELL TYPE:		II	
									DIAMETER (IN):		2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/13/2018	4/9/2019	6/4/2019	9/24/2019	3/23/2020	9/22/2020	4/19/2021	9/28/2021	4/26/2022	4/18/2023
Antimony	mg/L	0.006	Dry	<0.0010	-	Dry	<0.0010	Dry	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	-	0.022	0.056	-	0.0242	-	0.0205	0.0779	0.05080	0.0197
Barium	mg/L	2.0	-	0.36	-	-	0.216	-	0.215	0.444	0.309	0.172
Beryllium	mg/L	0.004	-	<0.00034	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	-	0.55	-	-	0.953	-	1.36	0.395	0.956	0.468
Cadmium	mg/L	0.005	-	<0.00034	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	-	120	-	-	92.3	-	109	135	124	90.6
Chloride	mg/L	250	-	43	-	-	52.3	-	52.2	20.3	39.1	20.4
Chromium	mg/L	0.100	-	<0.0011	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	-	0.016	-	-	0.015	-	0.017	0.018	0.023	0.0130
Fluoride	mg/L	4.0	-	0.18	-	-	0.336	-	<0.125	0.193	<0.125	<1.25
Lead	mg/L	0.015	-	<0.00035	-	-	<0.0010	-	<0.0010	<0.0050	<0.0010	<0.0010
Lithium	mg/L	0.040	-	<0.0011	-	-	<0.005	-	<0.005	<0.0050	<0.0050	<0.008
Mercury	mg/L	0.0020	-	<0.000070	-	-	<0.00020	-	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	-	<0.0020	-	-	<0.001	-	<0.001	<0.005	0.001	0.001
Selenium	mg/L	0.050	-	0.0033	-	-	0.001	-	0.002	0.003	0.003	0.003
Sulfate	mg/L	250	-	<1.4	-	-	81.3	-	121	20.8	86.5	38.4
Thallium	mg/L	0.002	-	<0.000085	-	-	<0.0010	-	<0.0010	<0.0050	<0.0010	<0.0010
TDS	mg/L	500	-	700	-	-	555	-	725	698	658	645
Radium-226	pCi/L	-	-	0.513	-	-	0.409	-	0	0.0558	0.272	0.443
Radium-228	pCi/L	-	-	0.511	-	-	0.718	-	1.17	1.40	0.859	1.04
Combined Radium	pCi/L	5	-	1.020	-	-	1.127	-	1.17	1.46	1.13	1.48

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-5					
INSTALLATION DATE:	10/15/13	WELL DEPTH (FT-BTOC):	29.35	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	37.41	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/24/2023	4/11/2024	10/2/2024	4/10/2025						
Antimony	mg/L	0.006	Dry	<0.0010	Dry	<0.0010						
Arsenic	mg/L	0.010	-	0.0135	-	0.0075						
Barium	mg/L	2.0	-	0.15	-	0.147						
Beryllium	mg/L	0.004	-	<0.0010	-	<0.0010						
Boron	mg/L	-	-	0.739	-	1.41						
Cadmium	mg/L	0.005	-	<0.0010	-	<0.0010						
Calcium	mg/L	-	-	76.1	-	93.3						
Chloride	mg/L	250	-	38.3	-	54.7						
Chromium	mg/L	0.100	-	<0.001	-	<0.001						
Cobalt	mg/L	0.013	-	0.01	-	0.012						
Fluoride	mg/L	4.0	-	0.151	-	<0.125						
Lead	mg/L	0.015	-	<0.0010	-	<0.0010						
Lithium	mg/L	0.040	-	<0.005	-	0.00585						
Mercury	mg/L	0.0020	-	<0.00020	-	<0.00020						
Molybdenum	mg/L	0.100	-	<0.001	-	<0.001						
Selenium	mg/L	0.050	-	0.002	-	0.002						
Sulfate	mg/L	250	-	85.5	-	154						
Thallium	mg/L	0.002	-	<0.0010	-	<0.0010						
TDS	mg/L	500	-	414	-	547						
Radium-226	pCi/L	-	-	0.119	-	-0.0559						
Radium-228	pCi/L	-	-	0.913	-	0.64						
Combined Radium	pCi/L	5	-	1.03	-	0.64						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-5A				
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	39.02	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	37.23	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/4/2016	9/21/2016	11/30/2016	2/1/2017	3/28/2017	5/24/2017	10/10/2017	12/12/2017	4/18/2018	8/15/2018
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0034	0.0016	0.0026	0.0028	0.0026	0.0023	-	-	0.00360	0.00094
Barium	mg/L	2.0	0.035	0.028	0.024	0.029	0.033	0.04	-	-	0.098	0.073
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-	<0.00034	<0.00034
Boron	mg/L	-	17	13	13	14	14	8.9	7.4	7.4	6.7	4.8
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-	<0.00034	<0.00034
Calcium	mg/L	-	480	480	340	480	370	330	300	320	330	220
Chloride	mg/L	250	340	350	240	340	170	310	230	260	290	180
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-	<0.0011	<0.0011
Cobalt	mg/L	0.013	0.036	0.015	0.018	0.014	0.036	0.032	-	-	0.0078	0.0090
Fluoride	mg/L	4.0	1.2	1.7	1.5	2.1	1.4	1.3	2.2	1.9	<0.032	2
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-	<0.00035	<0.00035
Lithium	mg/L	0.040	0.20	0.20	0.18	0.22	0.17	0.11	-	-	0.230	0.097
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	-	<0.000070	<0.000070
Molybdenum	mg/L	0.100	0.17	0.32	0.19	0.28	0.12	0.11	-	-	0.440	0.290
Selenium	mg/L	0.050	0.00033	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	-	-	<0.00024	<0.00024
Sulfate	mg/L	250	790	890	660	590	560	430	140	270	170	130
Thallium	mg/L	0.002	0.00012	<0.000085	0.000085	<0.000085	<0.000085	<0.000085	-	-	<0.000085	<0.000085
TDS	mg/L	500	2500	2300	1800	2200	1400	1600	1300	1400	1300	1000
Radium-226	pCi/L	-	0.131	0.178	-0.0356	-	0.478	0.18	-	-	-	0.342
Radium-228	pCi/L	-	0.338	0.351	0.303	-	0.564	0.109	-	-	-	0.128
Combined Radium	pCi/L	5	0.469	0.529	0.267	-	1.04	0.288	-	-	-	0.469

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-5A				
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	39.02	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	37.23	WELL TYPE: DIAMETER (IN):		II		
										2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/9/2019	6/4/2019	9/26/2019	3/23/2020	9/22/2020	4/19/2021	9/28/2021	4/26/2022	10/12/2022	4/18/2023
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0043	-	0.00212	0.0038	0.0018	0.0036	0.0044	0.0036	0.00200	0.0037
Barium	mg/L	2.0	0.078	-	0.111	0.101	0.089	0.096	0.099	0.096	0.085	0.078
Beryllium	mg/L	0.004	<0.00034	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	4.6	-	3.65	2.57	2.58	2	2.22	2.36	2.23	1.67
Cadmium	mg/L	0.005	<0.00034	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	180	-	180	129	138	111	138	111	113	102
Chloride	mg/L	250	190	-	142	159	88.7	98.7	102	115	82.5	95.5
Chromium	mg/L	0.100	<0.0011	-	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.012	-	0.0275	0.013	0.012	0.012	0.013	0.015	0.014	0.0140
Fluoride	mg/L	4.0	1.6	-	1.92	1.27	1.33	1.13	1.86	1.45	1.57	1.27
Lead	mg/L	0.015	<0.00035	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.09	0.05	0.08	0.0671	0.0488	0.0626	0.0663	0.0561	0.057	0.053
Mercury	mg/L	0.0020	<0.000070	-	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.20	0.12	0.14	0.109	0.096	0.09	0.149	0.09	0.136	0.085
Selenium	mg/L	0.050	<0.00071	-	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	130	-	204	126	178	116	101	122	177	114
Thallium	mg/L	0.002	<0.000085	-	<0.001000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	920	-	794	612	646	579	640	652	608	524
Radium-226	pCi/L	-	0.15	-	0.167	0.463	0.23	-0.0621	0.619	0.178	0.423	0.449
Radium-228	pCi/L	-	0.362	-	0.802	0.888	-0.559	1.31	10.7	0.263	0.421	0.847
Combined Radium	pCi/L	5	0.511	-	0.969	1.351	0.23	1.31	11.3	0.441	0.844	1.30

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-5A					
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	39.02	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	37.23	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/24/2023	4/23/2024	10/15/2024	4/17/2025						
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010						
Arsenic	mg/L	0.010	0.0023	0.0034	0.0026	<0.0050						
Barium	mg/L	2.0	0.09	0.084	0.081	0.077						
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010						
Boron	mg/L	-	2.12	1.81	1.73	1.8						
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010						
Calcium	mg/L	-	131	110	109	113						
Chloride	mg/L	250	85.5	90.9	73.4	96.8						
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.010						
Cobalt	mg/L	0.013	0.021	0.02	0.02	0.024						
Fluoride	mg/L	4.0	1.3	1.55	1.28	1.45						
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010						
Lithium	mg/L	0.040	0.0506	0.0604	<0.004	0.0572						
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020						
Molybdenum	mg/L	0.100	0.064	0.069	0.07	0.06						
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.005						
Sulfate	mg/L	250	206	128	217	107						
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010						
TDS	mg/L	500	582	524	578	556						
Radium-226	pCi/L	-	0.181	0.0575	0.107	0.0633						
Radium-228	pCi/L	-	0.827	0.244	0.503	0.149						
Combined Radium	pCi/L	5	1.01	0.302	0.610	0.212						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-6				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	30.14	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	29.26	WELL TYPE:	II			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/31/2017	3/29/2017	5/24/2017	10/11/2017	12/12/2017
Antimony	mg/L	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	0.0095	0.017	0.022	0.023	0.027	0.0021	0.0063	0.0076	-	-
Barium	mg/L	2.0	0.25	0.13	0.10	0.12	0.13	0.075	0.082	0.087	-	-
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Boron	mg/L	-	0.30	0.28	0.32	0.32	0.40	0.35	0.35	0.34	0.43	0.45
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	0.00037	<0.00034	<0.00034	-	-
Calcium	mg/L	-	99	90	62	74	64	100	82	97	86	73
Chloride	mg/L	250	52	45	35	34	39	48	45	44	33	25
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	0.0048	0.015	0.012	0.012	0.012	0.013	0.016	0.016	-	-
Fluoride	mg/L	4.0	0.12	0.14	0.24	0.23	0.17	0.04	0.12	0.1	0.24	0.27
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	<0.0032	<0.0032	0.0046	0.0055	0.011	<0.0032	<0.0032	<0.0032	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000084	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	-
Molybdenum	mg/L	0.100	0.0012	0.0016	0.003	0.0026	0.0019	<0.00085	<0.00085	0.0027	-	-
Selenium	mg/L	0.050	0.00032	<0.00024	<0.00024	<0.00024	<0.00024	0.0022	<0.00024	0.00097	-	-
Sulfate	mg/L	250	140	130	64	94	100	140	130	130	120	80
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	490	430	340	370	380	410	390	400	410	380
Radium-226	pCi/L	-	0.374	0.204	0.133	0.209	0.022	-	0.157	0.077	-	-
Radium-228	pCi/L	-	0.486	0.324	0.180	0.286	0.168	-	0.101	0.090	-	-
Combined Radium	pCi/L	5	0.859	0.528	0.313	0.495	0.190	-	0.258	0.167	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-6				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	30.14	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	29.26	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/17/2018	8/15/2018	4/7/2019	9/25/2019	3/26/2020	9/23/2020	4/21/2021	9/30/2021	4/27/2022	10/17/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
Arsenic	mg/L	0.010	0.0021	0.0190	0.0012	0.0229	0.0015	0.0205	<0.0010	<0.0010	<0.0010	0.0217
Barium	mg/L	2.0	0.046	0.078	0.043	0.096	0.053	0.091	0.048	0.054	0.041	0.099
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.23	0.38	0.19	0.39	0.18	0.34	0.186	0.213	0.131	0.325
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	89	74	98	63	89	76	91.4	90	75.3	73
Chloride	mg/L	250	31	24	24	16	19	21	12.7	15.1	10.6	13.4
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Cobalt	mg/L	0.013	0.0055	0.0120	0.0042	0.0105	0.002	0.01	<0.001	0.002	<0.010	0.0140
Fluoride	mg/L	4.0	0.06	0.27	0.06	0.32	<0.125	0.24	<0.125	<0.125	<0.125	<0.500
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
Lithium	mg/L	0.040	0.0019	0.0054	0.002	0.00832	<0.005	0.0061	<0.0050	<0.0050	<0.0050	0.00603
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00200	0.00252	<0.001	0.002	<0.001	<0.001	<0.010	0.002
Selenium	mg/L	0.050	0.00036	<0.00024	<0.00071	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	170	89	170	63	173	69	137	135	129	69.9
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
TDS	mg/L	500	480	400	370	298	398	337	455	421	368	372
Radium-226	pCi/L	-	-	0.326	0.052	0.478	0.827	0.351	0.168	-0.238	0.315	-0.266
Radium-228	pCi/L	-	-	0.340	0.146	1.060	0.909	-0.265	0.295	0.584	0.126	0.671
Combined Radium	pCi/L	5	-	0.666	0.198	1.538	1.736	0.351	0.463	0.584	0.441	0.671

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-6				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	30.14	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	29.26	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/12/2023	10/17/2023	4/9/2024	10/2/2024	4/15/2025					
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Arsenic	mg/L	0.010	<0.0010	0.0204	<0.0010	0.0206	<0.0010					
Barium	mg/L	2.0	0.045	0.092	0.038	0.106	0.045					
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Boron	mg/L	-	0.166	0.296	0.13	0.30	0.13					
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Calcium	mg/L	-	75.5	74.6	69.6	74	73					
Chloride	mg/L	250	9.31	8.26	8.45	9	7					
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001					
Cobalt	mg/L	0.013	0.001	0.0120	<0.001	0.012	<0.001					
Fluoride	mg/L	4.0	<0.125	<1.25	0.158	0.20	<0.125					
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Lithium	mg/L	0.040	<0.008	0.00564	<0.005	<0.004	<0.004					
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020					
Molybdenum	mg/L	0.100	<0.001	0.002	<0.001	0.003	<0.001					
Selenium	mg/L	0.050	<0.001	<0.001	0.005	0.001	0.011					
Sulfate	mg/L	250	123	54.1	117	55.7	100					
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
TDS	mg/L	500	357	310	304	312	286					
Radium-226	pCi/L	-	0.294	0.727	0.294	0.302	0.053					
Radium-228	pCi/L	-	0.413	0.239	0.154	0.473	0.496					
Combined Radium	pCi/L	5	0.707	0.966	0.448	0.775	0.549					

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-7				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	32.65	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	34.20	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	2/1/2017	3/29/2017	5/24/2017	10/11/2017	12/12/2017
Antimony	mg/L	0.006	<0.001	<0.001	<0.001	<0.001	<0.001	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	<0.00046	<0.00046	<0.00046	0.00047	0.00085	<0.00046	0.0011	0.00098	-	-
Barium	mg/L	2.0	0.052	0.043	0.041	0.057	0.050	0.09	0.039	0.037	-	-
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Boron	mg/L	-	7	11	6	11	13	5.1	11	8.9	7.2	6.3
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Calcium	mg/L	-	280	410	150	360	490	170	310	260	190	190
Chloride	mg/L	250	210	180	67	280	440	110	94	150	44	80
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	0.0016	0.0035	0.0018	0.0037	0.0082	0.0017	0.0053	0.0043	-	-
Fluoride	mg/L	4.0	0.79	1.1	1.7	1.6	1.4	1.1	1.8	1.7	2.3	2.4
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	0.160	0.210	0.110	0.220	0.220	0.130	0.170	0.170	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.086	<0.000070	<0.000070	<0.000070	0.00011	<0.000070	-	-
Molybdenum	mg/L	0.100	0.010	0.017	0.028	0.035	0.024	0.0095	0.022	0.025	-	-
Selenium	mg/L	0.050	0.00026	0.00045	0.00025	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	-	-
Sulfate	mg/L	250	390	480	170	650	870	230	530	370	230	210
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	1200	1600	740	1800	2800	770	1500	1100	710	900
Radium-226	pCi/L	-	0.267	0.220	0.198	0.398	0.174	-	0.083	0.091	-	-
Radium-228	pCi/L	-	0.148	0.382	0.257	0.608	0.226	-	0.515	0.385	-	-
Combined Radium	pCi/L	5	0.414	0.602	0.454	1.010	0.400	-	0.598	0.476	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-7				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	32.65	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	34.20	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/18/2018	8/15/2018	4/7/2019	6/4/2019	9/25/2019	3/26/2020	9/23/2020	4/20/2021	9/29/2021	5/3/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.00065	<0.00046	<0.00046	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.093	0.081	0.089	-	0.075	0.091	0.092	0.093	0.08	0.087
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	2.8	6.8	4.7	-	3.5	1.5	2.1	0.977	2.25	1.17
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	93	240	180	-	134	83.9	102	78.6	95	74.5
Chloride	mg/L	250	26	110	81	-	26	11	10	5.61	5.63	3.61
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	-	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.00062	0.00360	0.00330	-	0.00317	<0.001	0.001	<0.001	0.001	0.0010
Fluoride	mg/L	4.0	1.4	2.2	1.5	-	2.4	1.4	1.9	1.06	2.23	2.11
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.140	0.190	0.150	0.130	0.117	0.073	0.098	0.0681	0.089	0.0752
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	-	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.015	0.030	0.016	0.016	0.020	0.010	0.015	0.007	0.021	0.018
Selenium	mg/L	0.050	0.0017	<0.00024	<0.00071	-	<0.00100	<0.001	<0.001	0.002	<0.001	<0.001
Sulfate	mg/L	250	96	400	280	-	158	72.1	84.7	48.7	80.1	64.3
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	-	<0.001000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	410	1100	860	-	580	356	366	310	323	295
Radium-226	pCi/L	-	-	0.361	0.154	-	0.816	1.040	0.199	0.163	0.234	0.413
Radium-228	pCi/L	-	-	0.784	-0.136	-	0.933	1.160	0.267	0.568	10.7	0.728
Combined Radium	pCi/L	5	-	1.140	0.018	-	1.750	2.200	0.466	0.731	10.9	1.14

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-7				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	32.65	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	34.20	WELL TYPE:	II			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/17/2022	4/12/2023	10/18/2023	4/22/2024	10/9/2024	4/15/2025				
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Arsenic	mg/L	0.010	0.001	<0.0010	<0.0010	<0.0010	0.001	<0.0010				
Barium	mg/L	2.0	0.074	0.084	0.085	0.119	0.085	0.113				
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Boron	mg/L	-	0.999	0.83	0.938	0.737	0.5	0.3				
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Calcium	mg/L	-	65.5	65	58.6	70.4	59.5	60.9				
Chloride	mg/L	250	3.31	3.03	2.53	2.630	2	2				
Chromium	mg/L	0.100	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001				
Cobalt	mg/L	0.013	<0.005	<0.001	0.00100	<0.001	0.001	<0.001				
Fluoride	mg/L	4.0	2.58	1.98	2.46	2.16	2.1	1.5				
Lead	mg/L	0.015	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Lithium	mg/L	0.040	0.086	0.0784	0.087	0.0822	<0.004	0.057				
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020				
Molybdenum	mg/L	0.100	0.022	0.012	0.019	0.012	0.014	0.008				
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	0.012				
Sulfate	mg/L	250	55.4	50	37.7	42.700	34.2	25.4				
Thallium	mg/L	0.002	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
TDS	mg/L	500	337	278	236	246	200	241				
Radium-226	pCi/L	-	0.127	0.234	-0.166	0.429	0.390	0.057				
Radium-228	pCi/L	-	0.574	1.08	0.533	0.604	0.337	1.110				
Combined Radium	pCi/L	5	0.701	1.31	0.533	1.03	0.727	1.170				

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-8				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	37.68	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	32.91	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	2/1/2017	3/29/2017	5/24/2017	10/11/2017	12/12/2017
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	0.0007	0.0041	0.0500	0.0580	0.0600	0.014	0.0043	0.0059	-	-
Barium	mg/L	2.0	0.066	0.07	0.10	0.10	0.11	0.085	0.079	0.077	-	-
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Boron	mg/L	-	0.051	0.16	0.13	0.49	0.071	0.37	0.1	0.097	0.098	0.085
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Calcium	mg/L	-	63	85	70	73	69	61	87	88	76	70
Chloride	mg/L	250	7.9	14	51	54	47	58	11	28	45	45
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.028	<0.0011	-	-
Cobalt	mg/L	0.013	0.00310	0.00240	0.00200	0.00096	0.00065	0.001	0.0015	0.0041	-	-
Fluoride	mg/L	4.0	0.13	0.16	0.16	0.14	0.12	0.16	0.11	0.19	0.19	0.18
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000081	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	-
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	0.0011	-	-
Selenium	mg/L	0.050	0.0014	0.00046	0.00024	<0.00024	<0.00024	<0.00024	<0.00024	0.00056	-	-
Sulfate	mg/L	250	12	12	< 1.4	< 1.4	< 1.4	21	13	9.6	2.9	< 1.4
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	210	270	330	320	300	300	290	280	280	290
Radium-226	pCi/L	-	0.098	0.104	0.091	0.220	0.102	-	0.063	0.081	-	-
Radium-228	pCi/L	-	0.108	-0.244	0.451	0.717	0.299	-	0.312	-0.134	-	-
Combined Radium	pCi/L	5	0.206	-0.139	0.542	0.937	0.401	-	0.375	-0.052	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-8				
INSTALLATION DATE:	10/16/13	WELL DEPTH (FT-BTOC):	37.68	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	32.91	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/18/2018	8/15/2018	4/7/2019	9/26/2019	3/26/2020	9/23/2020	4/21/2021	9/30/2021	4/27/2022	10/17/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0098	0.0470	0.0016	0.0437	0.0081	0.0396	0.0157	0.0097	0.01960	0.0316
Barium	mg/L	2.0	0.063	0.100	0.055	0.086	0.070	0.093	0.095	0.089	0.125	0.109
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.25	0.13	0.13	0.086	0.133	0.128	0.2	0.093	0.165	0.111
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
Calcium	mg/L	-	44	70	68	69	60.7	69.3	72.1	81.7	59.4	66.7
Chloride	mg/L	250	32	45	6	45	13	32	16	4.61	10.3	30.2
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005
Cobalt	mg/L	0.013	<0.00040	<0.00040	0.00250	<0.00100	0.00200	<0.001	0.002	0.002	0.001	<0.005
Fluoride	mg/L	4.0	0.19	0.22	0.17	0.18	0.38	0.23	0.2	0.267	0.291	<0.500
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
Lithium	mg/L	0.040	<0.0011	0.0011	<0.0011	<0.005	<0.0250	<0.005	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00200	<0.00100	<0.001	<0.001	<0.001	0.001	0.001	<0.005
Selenium	mg/L	0.050	<0.00024	<0.00024	<0.00071	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	<1.4	<1.4	3.4	<1	6.32	<1.00	3.25	11	10.2	<4.00
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
TDS	mg/L	500	200	320	190	270	241	250	229	256	202	320
Radium-226	pCi/L	-	-	0.311	0.056	0.663	1.230	0.055	0.111	-0.0636	0.195	0.145
Radium-228	pCi/L	-	-	0.123	0.000	0.902	0.908	0.014	1.08	0.920	0.333	0.193
Combined Radium	pCi/L	5	-	0.434	0.056	1.565	2.138	0.069	1.19	0.920	0.528	0.338

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-8					
INSTALLATION	10/16/13	WELL DEPTH	37.68	SCREEN LENGTH (FT):	15.0	CASING ELEV	32.91	WELL TYPE:		II		
DATE:		(FT-BTOC):				(FT / MSL)		DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/12/2023	10/23/2023	4/22/2024	10/15/2024	4/15/2025					
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Arsenic	mg/L	0.010	0.0125	0.0360	0.0162	0.0346	0.0111					
Barium	mg/L	2.0	0.072	0.098	0.077	0.094	0.076					
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Boron	mg/L	-	0.26	0.123	0.193	0.104	0.226					
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Calcium	mg/L	-	50	69.1	59.9	70	56.9					
Chloride	mg/L	250	13.8	23.8	8.4	19	27					
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001					
Cobalt	mg/L	0.013	<0.001	<0.001	0.00100	<0.001	<0.001					
Fluoride	mg/L	4.0	0.225	0.206	0.282	<0.125	0.24					
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Lithium	mg/L	0.040	<0.008	<0.004	<0.005	<0.004	<0.004					
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020					
Molybdenum	mg/L	0.100	<0.001	<0.001	0.001	<0.001	<0.001					
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001					
Sulfate	mg/L	250	<1.00	<1.00	2.62	<1.00	18.3					
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
TDS	mg/L	500	198	234	198	240	192					
Radium-226	pCi/L	-	-0.0711	0.117	0.441	-0.185	0.238					
Radium-228	pCi/L	-	0.310	0.690	0.247	0.535	0.366					
Combined Radium	pCi/L	5	0.310	0.807	0.688	0.535	0.604					

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-9				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	29.01	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	32.63	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/31/2017	3/28/2017	5/22/2017	10/9/2017	12/12/2017
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	0.00094	0.0012	0.0013	0.0031	0.0031	0.00095	0.001	0.00084	-	-
Barium	mg/L	2.0	0.1	0.16	0.14	0.14	0.17	0.096	0.13	0.14	-	-
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Boron	mg/L	-	2.7	3.1	4.1	4.1	5.7	4.0	4.4	4.8	5.5	5.2
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Calcium	mg/L	-	61	76	82	110	180	160	150	190	190	200
Chloride	mg/L	250	66	78	120	180	390	300	140	310	310	300
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	-	-
Fluoride	mg/L	4.0	0.12	0.12	0.12	0.11	0.090	0.10	0.09	0.1	0.12	0.13
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000083	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	-
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	-	-
Selenium	mg/L	0.050	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	-	-
Sulfate	mg/L	250	77	180	200	310	570	280	370	460	420	380
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	430	530	760	920	1600	1100	1100	1300	1500	1600
Radium-226	pCi/L	-	0.286	0.394	0.449	0.516	0.399	-	0.291	0.194	-	-
Radium-228	pCi/L	-	0.363	0.588	0.622	0.500	1.150	-	0.317	0.420	-	-
Combined Radium	pCi/L	5	0.650	0.982	1.070	1.020	1.550	-	0.608	0.614	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-9				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	29.01	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	32.63	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/17/2018	8/14/2018	4/10/2019	9/24/2019	3/26/2020	9/23/2020	4/21/2021	9/30/2021	4/25/2022	10/11/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100	<0.0100
Arsenic	mg/L	0.010	0.00094	0.00071	0.00066	<0.00500	0.0011	0.0016	<0.0010	0.0015	<0.0100	<0.0100
Barium	mg/L	2.0	0.094	0.14	0.071	0.088	0.071	0.080	0.081	0.063	0.066	0.055
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00500	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100	<0.0100
Boron	mg/L	-	2.9	4.9	5.7	7.4	4.1	9.0	7.4	9.43	6.75	7.16
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00500	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100	<0.0100
Calcium	mg/L	-	140	260	310	418	453	445	421	397	323	291
Chloride	mg/L	250	180	430	440	503	526	421	329	265	204	188
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0050	<0.005	<0.001	<0.001	<0.001	<0.010	<0.010
Cobalt	mg/L	0.013	<0.00040	<0.00040	<0.00040	<0.00500	<0.005	<0.001	<0.001	<0.001	<0.010	<0.010
Fluoride	mg/L	4.0	0.15	0.12	0.09	<0.125	<0.125	<0.125	0.2	<0.125	<0.125	0.139
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00500	<0.0010	<0.0010	<0.0050	<0.0010	<0.0100	<0.0100
Lithium	mg/L	0.040	<0.0011	<0.0011	<0.0011	<0.0050	<0.0250	<0.005	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.0020	<0.0050	<0.001	<0.001	<0.001	<0.001	<0.010	<0.010
Selenium	mg/L	0.050	0.00025	<0.00024	<0.00071	<0.00500	<0.001	<0.001	<0.001	<0.001	<0.010	<0.010
Sulfate	mg/L	250	230	720	790	1070	1100	975	865	881	726	767
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.005000	<0.0010	<0.0010	<0.0050	<0.0010	<0.0100	<0.0100
TDS	mg/L	500	720	1700	1900	2360	2300	2350	1850	1840	1450	1390
Radium-226	pCi/L	-	-	0.585	0.387	1.030	1.070	0.332	0.559	0.596	0.383	0.344
Radium-228	pCi/L	-	-	0.622	1.030	0.769	0.951	0.903	0.689	1.70	0.952	1.04
Combined Radium	pCi/L	5	-	1.210	1.420	1.800	2.021	1.240	1.25	2.30	1.34	1.38

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-9				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	29.01	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	32.63	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/11/2023	10/19/2023	4/17/2024	10/2/2024	4/10/2025					
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Arsenic	mg/L	0.010	0.0011	0.0035	0.0035	0.0043	<0.0010					
Barium	mg/L	2.0	0.049	0.136	0.059	0.052	0.071					
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Boron	mg/L	-	5.04	6.61	4.57	5.5	4.5					
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Calcium	mg/L	-	132	253	247	226	241					
Chloride	mg/L	250	131	135	84.6	128	79.7					
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001					
Cobalt	mg/L	0.013	<0.001	<0.001	<0.001	<0.001	<0.001					
Fluoride	mg/L	4.0	0.14	<1.25	0.226	<0.125	0.178					
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Lithium	mg/L	0.040	<0.008	<0.004	<0.005	<0.004	<0.004					
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020					
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001					
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	0.002	0.001					
Sulfate	mg/L	250	602	411	553	632	419					
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
TDS	mg/L	500	1200	1130	1090	1170	1100					
Radium-226	pCi/L	-	0.605	2.65	0.467	0.531	0.104					
Radium-228	pCi/L	-	0.755	0.800	0.461	1.57	1.130					
Combined Radium	pCi/L	5	1.360	3.45	0.928	2.10	1.230					

Monitoring Point Data Summary Table

SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-10				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	41.46	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	34.14	WELL TYPE:		II	
									DIAMETER (IN):		2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	2/1/2017	3/29/2017	5/24/2017	10/11/2017	12/13/2017
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	0.00054	0.00063	<0.00046	<0.00046	<0.00046	<0.00046	<0.00046	<0.00046	-	-
Barium	mg/L	2.0	0.03	0.024	0.038	0.033	0.028	0.039	0.032	0.041	-	-
Beryllium	mg/L	0.004	0.0016	0.0017	0.0016	0.0018	0.0012	0.0019	0.0016	0.0021	-	-
Boron	mg/L	-	0.35	0.41	0.34	0.26	0.39	0.69	0.41	0.48	0.40	0.35
Cadmium	mg/L	0.005	0.0019	0.0023	0.0013	0.0012	0.0006	0.0018	0.00097	0.00072	-	-
Calcium	mg/L	-	110	130	94	110	90	150	94	110	94	100
Chloride	mg/L	250	110	100	100	110	91	150	93	100	86	75
Chromium	mg/L	0.100	<0.0011	0.0014	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	0.0087	0.0086	0.0110	0.0097	0.0077	0.0096	0.0073	0.0058	-	-
Fluoride	mg/L	4.0	0.06	0.06	0.070	0.060	0.040	0.06	0.05	0.08	0.06	0.09
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	0.017	0.016	0.013	0.019	0.013	0.015	0.015	0.013	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000084	<0.000070	<0.000070	<0.000070	<0.000070	<0.000070	-	-
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	-	-
Selenium	mg/L	0.050	0.0064	0.0078	0.0029	0.0022	0.0015	0.0035	0.002	0.0023	-	-
Sulfate	mg/L	250	250	250	190	260	260	270	240	250	230	220
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	550	650	590	590	570	750	560	570	520	560
Radium-226	pCi/L	-	0.180	0.132	0.199	0.268	0.143	-	0.023	0.118	-	-
Radium-228	pCi/L	-	0.099	0.299	0.585	-0.146	0.346	-	0.289	0.138	-	-
Combined Radium	pCi/L	5	0.279	0.431	0.748	0.122	0.489	-	0.312	0.256	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-10				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	41.46	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	34.14	WELL TYPE:	II			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/19/2018	8/14/2018	4/9/2019	9/26/2019	3/25/2020	9/23/2020	4/20/2021	9/30/2021	4/27/2022	10/13/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.00054	<0.00046	<0.00046	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.034	0.03	0.034	0.029	0.028	0.032	0.026	0.024	0.023	0.03
Beryllium	mg/L	0.004	0.0016	0.00068	0.00082	<0.00100	0.001	<0.0010	0.0015	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.57	0.36	0.53	0.39	0.54	0.41	0.8	0.531	0.646	0.392
Cadmium	mg/L	0.005	0.0011	0.00067	0.00084	<0.00100	0.0014	<0.0010	0.0018	<0.0010	0.0015	<0.0010
Calcium	mg/L	-	100	87	78	79	114	86	140	76.5	112	72.9
Chloride	mg/L	250	110	71	68	73	91	74	111	60.9	101	69.3
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0010	<0.001	0.003	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.0076	0.0047	0.0047	0.0038	0.0060	0.0040	0.006	0.003	0.006	0.0030
Fluoride	mg/L	4.0	0.07	0.07	0.06	<0.125	0.236	<0.125	<0.125	<0.125	0.282	<0.125
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00100	<0.0010	0.0014	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.021	0.016	0.012	0.0149	<0.0250	0.0155	0.019	0.0113	0.016	0.0141
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00200	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	0.0025	0.0019	0.0030	0.0021	0.0010	0.0020	0.003	0.003	0.003	0.001
Sulfate	mg/L	250	290	200	210	386	397	234	389	210	346	208
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.001000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	670	490	460	458	642	469	779	445	708	452
Radium-226	pCi/L	-	-	0.334	0.092	0.664	1.230	0.391	-0.134	-0.0307	0.103	-0.209
Radium-228	pCi/L	-	-	0.089	0.165	0.699	0.959	0.094	0.253	0.317	0.423	0.474
Combined Radium	pCi/L	5	-	0.423	0.257	1.363	2.189	0.485	0.253	0.317	0.526	0.474

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-10				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	41.46	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	34.14	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/12/2023	10/18/2023	4/22/2024	10/10/2024	4/15/2025					
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Arsenic	mg/L	0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100					
Barium	mg/L	2.0	0.03	0.035	0.036	0.031	0.036					
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Boron	mg/L	-	0.537	0.355	0.602	0.41	0.58					
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	0.001					
Calcium	mg/L	-	90.9	67.7	93	84	103					
Chloride	mg/L	250	83.4	60.9	79.9	63	80					
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.010					
Cobalt	mg/L	0.013	0.004	0.002	0.003	0.0020	<0.005					
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	<0.125					
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
Lithium	mg/L	0.040	0.016	0.0156	0.0147	<0.004	0.0129					
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020					
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001					
Selenium	mg/L	0.050	0.001	0.001	0.0030	0.002	0.0050					
Sulfate	mg/L	250	296	197	386	203.0000	291					
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010					
TDS	mg/L	500	563	378	514	428	538					
Radium-226	pCi/L	-	0.450	2.89	0.644	-0.0546	-0.216					
Radium-228	pCi/L	-	0.533	0.421	0.811	0.305	0.609					
Combined Radium	pCi/L	5	0.983	3.31	1.46	0.305	0.609					

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-11				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	43.1	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	45.29	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	2/2/2017	3/29/2017	5/24/2017	10/10/2017	12/12/2017
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	<0.00046	0.0030	0.0031	0.0037	0.0028	0.0035	0.0029	0.0032	-	-
Barium	mg/L	2.0	0.039	0.02	0.022	0.026	0.022	0.024	0.025	0.025	-	-
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Boron	mg/L	-	0.95	14.0	12.0	11.0	13.0	7.8	6.0	5.7	7.8	8.7
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Calcium	mg/L	-	140	650	540	600	430	330	350	370	580	660
Chloride	mg/L	250	83	390	340	510	390	290	340	310	460	440
Chromium	mg/L	0.100	0.0018	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	<0.00040	-	-
Fluoride	mg/L	4.0	0.05	1.6	1.8	1.8	1.7	2.4	2.2	2.2	2.1	2.0
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	<0.0032	0.075	0.065	0.100	0.079	0.062	0.067	0.062	-	-
Mercury	mg/L	0.0020	<0.000070	<0.000070	0.000086	<0.000070	<0.000070	<0.000070	0.000075	<0.000070	-	-
Molybdenum	mg/L	0.100	0.0013	0.190	0.210	0.220	0.220	0.260	0.240	0.230	-	-
Selenium	mg/L	0.050	0.0014	<0.00024	<0.00024	0.00036	<0.00024	<0.00024	<0.00024	<0.00024	-	-
Sulfate	mg/L	250	230	990	770	1200	830	550	700	680	920	910
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	620	2800	2700	3300	2400	1700	1600	1700	2800	2700
Radium-226	pCi/L	-	0.152	0.287	0.242	0.219	0.605	-	0.082	0.118	-	-
Radium-228	pCi/L	-	0.101	0.837	0.633	0.860	0.637	-	1.060	0.567	-	-
Combined Radium	pCi/L	5	0.253	1.120	0.875	1.080	1.240	-	1.140	0.684	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-11				
INSTALLATION DATE:	10/17/13	WELL DEPTH (FT-BTOC):	43.1	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	45.29	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/18/2018	8/15/2018	4/9/2019	6/5/2019	9/26/2019	3/25/2020	9/24/2020	4/20/2021	10/1/2021	4/27/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0037	0.0029	0.0033	-	<0.0050	0.003	0.0035	0.0028	0.00330	0.0025
Barium	mg/L	2.0	0.024	0.029	0.030	-	0.049	0.034	0.031	0.025	0.028	0.027
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	-	<0.00500	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	8.0	6.3	8.6	-	13.4	12.8	9.1	7.52	7.19	5.92
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	-	<0.00500	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	470	250	390	-	623	507	326	267	243	198
Chloride	mg/L	250	320	170	310	-	399	278	144	92.1	76	59
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	-	<0.0050	<0.001	0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	<0.00040	<0.00040	<0.00040	-	<0.00500	<0.001	<0.001	<0.001	<0.001	<0.001
Fluoride	mg/L	4.0	2	2.5	1.9	-	1.9	1.7	1.9	1.9	2.24	2.01
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	-	<0.00500	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0780	0.052	0.058	0.064	0.0746	0.0668	0.0543	0.0499	0.052	0.0419
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	-	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.180	0.180	0.140	0.130	0.139	0.141	0.143	0.109	0.115	0.098
Selenium	mg/L	0.050	<0.00024	<0.00024	<0.00071	-	<0.00500	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	780	470	690	-	1330	1000	590	460	427	375
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	-	<0.005000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	2100	1300	1900	-	2840	2130	1400	1080	968	848
Radium-226	pCi/L	-	-	0.266	0.158	-	0.497	0.756	0.389	-0.0747	0.0504	0.313
Radium-228	pCi/L	-	-	0.588	0.521	-	1.090	0.566	0.147	0.558	1.61	-0.0160
Combined Radium	pCi/L	5	-	0.855	0.679	-	1.587	1.322	0.536	0.558	1.66	0.313

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-11				
INSTALLATION DATE:	10/17/13	WELL DEPTH	43.1	SCREEN LENGTH (FT):	15.0	CASING ELEV	45.29	WELL TYPE:		II		
		(FT-BTOC):				(FT / MSL)		DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/17/2022	4/12/2023	10/18/2023	4/23/2024	10/10/2024	4/16/2025				
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Arsenic	mg/L	0.010	0.0025	0.0028	0.0022	0.001	0.0038	<0.0050				
Barium	mg/L	2.0	0.038	0.036	0.045	0.046	0.056	0.056				
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Boron	mg/L	-	4.4	1.05	3.31	3.3	3.5	3.3				
Cadmium	mg/L	0.005	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Calcium	mg/L	-	146	185	131	148.0	157	163				
Chloride	mg/L	250	28.2	33.8	14.8	23.300	18	20.5				
Chromium	mg/L	0.100	<0.005	<0.001	<0.001	<0.001	<0.001	<0.010				
Cobalt	mg/L	0.013	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005				
Fluoride	mg/L	4.0	2.03	1.74	1.93	1.740	1.6	1.7				
Lead	mg/L	0.015	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
Lithium	mg/L	0.040	0.0516	0.043	0.0567	0.0428	<0.004	0.0435				
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020				
Molybdenum	mg/L	0.100	0.097	0.092	0.092	0.069	0.075	0.058				
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.020				
Sulfate	mg/L	250	262	260	169	199	198	221				
Thallium	mg/L	0.002	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010				
TDS	mg/L	500	622	634	516	528	596	598				
Radium-226	pCi/L	-	0.301	0.325	1.230	0.469	0.268	0.137				
Radium-228	pCi/L	-	0.588	1.53	0.646	0.889	1.06	0.444				
Combined Radium	pCi/L	5	0.889	1.86	1.880	1.36	1.33	0.581				

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-12				
INSTALLATION DATE:	10/18/13	WELL DEPTH (FT-BTOC):	38.42	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	43.31	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	2/1/2017	3/30/2017	5/25/2017	10/10/2017	4/19/2018
Antimony	mg/L	0.006	<0.001	<0.001	Dry	Dry	Dry	<0.0010	<0.0010	<0.0010	Dry	<0.0010
Arsenic	mg/L	0.010	0.0027	<0.00046	-	-	-	<0.00046	<0.00046	<0.00046	-	0.00053
Barium	mg/L	2.0	0.021	0.030	-	-	-	0.048	0.033	0.033	-	0.037
Beryllium	mg/L	0.004	<0.00034	<0.00034	-	-	-	<0.00034	<0.00034	<0.00034	-	<0.00034
Boron	mg/L	-	12	1.2	-	-	-	0.77	0.58	0.88	-	1.3
Cadmium	mg/L	0.005	<0.00034	<0.00034	-	-	-	<0.00034	<0.00034	<0.00034	-	0.0011
Calcium	mg/L	-	600	140	-	-	-	110	94	120	-	140
Chloride	mg/L	250	520	80	-	-	-	89	73	93	-	130
Chromium	mg/L	0.100	<0.0011	0.0028	-	-	-	<0.0011	0.0013	0.0023	-	<0.0011
Cobalt	mg/L	0.013	<0.00040	<0.00040	-	-	-	<0.00040	<0.00040	<0.00040	-	0.00062
Fluoride	mg/L	4.0	1.5	0.040	-	-	-	0.04	0.04	0.05	-	0.04
Lead	mg/L	0.015	<0.00035	<0.00035	-	-	-	<0.00035	<0.00035	<0.00035	-	<0.00035
Lithium	mg/L	0.040	0.1	0.0034	-	-	-	<0.0032	0.0035	0.0053	-	0.0200
Mercury	mg/L	0.0020	<0.000070	<0.000070	-	-	-	<0.000070	<0.000070	<0.000070	-	<0.000070
Molybdenum	mg/L	0.100	0.18	0.0011	-	-	-	<0.00085	0.0023	<0.00085	-	0.0016
Selenium	mg/L	0.050	0.00025	0.0042	-	-	-	0.00046	0.00024	<0.00024	-	0.00027
Sulfate	mg/L	250	870	250	-	-	-	180	180	210	-	250
Thallium	mg/L	0.002	<0.000085	<0.000085	-	-	-	<0.000085	<0.000085	<0.000085	-	<0.000085
TDS	mg/L	500	2700	690	-	-	-	530	460	560	-	800
Radium-226	pCi/L	-	0.313	0.125	-	-	-	-	0.051	0.092	-	-
Radium-228	pCi/L	-	0.481	0.245	-	-	-	-	0.029	0.230	-	-
Combined Radium	pCi/L	5	0.794	0.369	-	-	-	-	0.081	0.322	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-12				
INSTALLATION DATE:	10/18/13	WELL DEPTH (FT-BTOC):	38.42	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	43.31	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/13/2018	4/9/2019	9/26/2019	3/24/2020	9/24/2020	4/21/2021	10/1/2021	4/25/2022	4/25/2022	4/18/2023
Antimony	mg/L	0.006	Dry	<0.0010	Dry	<0.0010	Dry	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	-	<0.00046	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	-	0.027	-	0.032	-	0.035	0.026	0.029	0.029	0.035
Beryllium	mg/L	0.004	-	<0.00034	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	-	1.3	-	0.698	-	0.46	0.6	0.343	0.343	0.572
Cadmium	mg/L	0.005	-	0.00037	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	-	120	-	141	-	112	107	100	100	139
Chloride	mg/L	250	-	110	-	84.9	-	49	57	47.8	47.8	26.6
Chromium	mg/L	0.100	-	<0.0011	-	<0.001	-	0.001	0.001	0.001	0.001	0.001
Cobalt	mg/L	0.013	-	<0.00040	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001
Fluoride	mg/L	4.0	-	0.05	-	<0.125	-	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	-	<0.00035	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	-	0.0074	-	0.00916	-	0.00582	<0.0050	0.00549	0.005	<0.008
Mercury	mg/L	0.0020	-	<0.000070	-	<0.00020	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	-	<0.0020	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	-	<0.00071	-	<0.001	-	<0.001	0.001	0.002	0.002	0.008
Sulfate	mg/L	250	-	250	-	385	-	225	236	197	197	297
Thallium	mg/L	0.002	-	<0.000085	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	-	660	-	716	-	640	524	516	516	606
Radium-226	pCi/L	-	-	0.070	-	1.060	-	-0.112	-0.197	0.374	0.374	0.171
Radium-228	pCi/L	-	-	0.157	-	0.643	-	0.938	1.49	0.230	0.230	0.234
Combined Radium	pCi/L	5	-	0.228	-	1.703	-	0.938	1.49	0.604	0.604	0.405

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-12					
INSTALLATION DATE:	10/18/13	WELL DEPTH (FT-BTOC):	38.42	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	43.31	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/27/2023	4/9/2024	10/2/2024	4/10/2025						
Antimony	mg/L	0.006	Dry	<0.0010	Dry	<0.0010						
Arsenic	mg/L	0.010	-	<0.0010	-	<0.0010						
Barium	mg/L	2.0	-	0.03	-	0.03						
Beryllium	mg/L	0.004	-	<0.0010	-	<0.0010						
Boron	mg/L	-	-	0.601	-	0.452						
Cadmium	mg/L	0.005	-	<0.0010	-	<0.0010						
Calcium	mg/L	-	-	104	-	91.8						
Chloride	mg/L	250	-	32.7	-	32.4						
Chromium	mg/L	0.100	-	0.001	-	0.003						
Cobalt	mg/L	0.013	-	<0.001	-	<0.001						
Fluoride	mg/L	4.0	-	0.151	-	<0.125						
Lead	mg/L	0.015	-	<0.0010	-	<0.0010						
Lithium	mg/L	0.040	-	<0.005	-	<0.004						
Mercury	mg/L	0.0020	-	<0.00020	-	<0.00020						
Molybdenum	mg/L	0.100	-	<0.001	-	<0.001						
Selenium	mg/L	0.050	-	0.005	-	0.002						
Sulfate	mg/L	250	-	215	-	200						
Thallium	mg/L	0.002	-	<0.0010	-	<0.0010						
TDS	mg/L	500	-	494	-	488						
Radium-226	pCi/L	-	-	-0.399	-	0.108						
Radium-228	pCi/L	-	-	0.845	-	0.577						
Combined Radium	pCi/L	5	-	0.845	-	0.685						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-12A				
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	46.31	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	43.39	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/4/2016	9/19/2016	11/29/2016	2/1/2017	3/30/2017	5/25/2017	10/10/2017	12/13/2017	4/19/2018	8/14/2018
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.00051	<0.00046	<0.00046	<0.00046	<0.00046	<0.00046	-	-	0.00068	<0.00046
Barium	mg/L	2.0	0.033	0.025	0.026	0.076	0.046	0.037	-	-	0.055	0.028
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-	<0.00034	<0.00034
Boron	mg/L	-	0.75	0.75	0.97	1.3	0.59	0.68	0.83	0.7	2.4	0.78
Cadmium	mg/L	0.005	0.00072	0.00061	0.00077	0.00068	<0.00034	0.00069	-	-	0.00110	0.00047
Calcium	mg/L	-	170	160	150	130	92	110	120	120	190	110
Chloride	mg/L	250	91	91	98	120	74	90	83	77	180	91
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	0.0011	-	-	<0.0011	0.0018
Cobalt	mg/L	0.013	0.0065	0.0038	0.0044	0.0110	0.0042	0.0028	-	-	0.0340	0.0026
Fluoride	mg/L	4.0	0.04	0.04	<0.032	0.04	0.04	0.05	0.04	0.045	0.05	0.05
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-	<0.00035	<0.00035
Lithium	mg/L	0.040	<0.0032	0.0034	0.0037	0.0170	0.0064	0.0061	-	-	0.045	0.0084
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000070	0.000073	<0.000070	-	-	<0.000070	<0.000070
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	0.00088	-	-	<0.00085	0.00190
Selenium	mg/L	0.050	0.012	0.0077	0.0083	0.00037	<0.00024	0.002	-	-	0.00046	0.00091
Sulfate	mg/L	250	310	330	350	200	170	210	230	220	320	210
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-	0.0001	<0.000085
TDS	mg/L	500	810	750	770	670	460	550	620	630	900	520
Radium-226	pCi/L	-	0.156	0.108	0.002	-	0.060	SD	-	-	-	0.282
Radium-228	pCi/L	-	0.251	0.243	0.206	-	0.340	SD	-	-	-	0.142
Combined Radium	pCi/L	5	0.406	0.351	0.208	-	0.400	SD	-	-	-	0.424

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-12A				
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	46.31	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	43.39	WELL TYPE: DIAMETER (IN):		II 2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/9/2019	9/26/2019	3/24/2020	9/24/2020	4/21/2021	10/1/2021	4/26/2022	4/18/2023	10/17/2023	4/9/2024
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	<0.00046	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	0.0597	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.028	0.028	0.036	0.032	0.037	0.027	0.274	0.028	0.03	0.028
Beryllium	mg/L	0.004	<0.00034	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	1.3	0.67	0.65	0.66	0.43	0.56	0.5	0.414	0.57	0.249
Cadmium	mg/L	0.005	0.00056	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	110	109	141	99.7	97	95	115	90.5	105	75.7
Chloride	mg/L	250	110	84	85	77	67	74	46	58	48.5	37.3
Chromium	mg/L	0.100	<0.0011	0.00117	<0.001	0.002	<0.001	0.001	<0.001	<0.001	0.001	<0.001
Cobalt	mg/L	0.013	0.0074	0.0032	0.0040	<0.001	0.0010	<0.001	0.013	<0.001	<0.001	<0.001
Fluoride	mg/L	4.0	0.05	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.014	0.0087	<0.0250	0.0076	0.00869	0.00683	0.006	<0.008	0.005	<0.005
Mercury	mg/L	0.0020	<0.000070	<0.000200	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.00100	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	0.00206	<0.001	0.002	<0.001	<0.001	0.001	0.001	0.005	<0.001
Sulfate	mg/L	250	240	261	395	232	211	241	190	211	247	156
Thallium	mg/L	0.002	<0.000085	<0.001000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	660	557	717	538	575	242	460	447	518	402
Radium-226	pCi/L	-	0.079	0.588	0.812	0.056	0.0629	0.0106	0.0501	0.797	-0.191	-0.121
Radium-228	pCi/L	-	0.350	0.869	0.759	-0.308	0.237	0.415	0.208	0.623	0.290	0.385
Combined Radium	pCi/L	5	0.429	1.457	1.571	0.056	0.300	0.426	0.258	1.42	0.290	0.385

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-12A				
INSTALLATION	08/02/16	WELL DEPTH	46.31	SCREEN LENGTH (FT):	15.0	CASING ELEV	43.39	WELL TYPE:		II		
DATE:		(FT-BTOC):				(FT / MSL)		DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/2/2024	4/10/2025								
Antimony	mg/L	0.006	<0.0010	<0.0010								
Arsenic	mg/L	0.010	<0.0010	<0.0010								
Barium	mg/L	2.0	0.029	0.033								
Beryllium	mg/L	0.004	<0.0010	<0.0010								
Boron	mg/L	-	0.625	0.12								
Cadmium	mg/L	0.005	<0.0010	<0.0010								
Calcium	mg/L	-	91.8	81.6								
Chloride	mg/L	250	50.5	34								
Chromium	mg/L	0.100	0.001	<0.001								
Cobalt	mg/L	0.013	<0.001	<0.001								
Fluoride	mg/L	4.0	<0.125	<0.125								
Lead	mg/L	0.015	<0.0010	<0.0010								
Lithium	mg/L	0.040	<0.004	<0.004								
Mercury	mg/L	0.0020	<0.00020	<0.00020								
Molybdenum	mg/L	0.100	<0.001	<0.001								
Selenium	mg/L	0.050	0.007	0.001								
Sulfate	mg/L	250	248	184								
Thallium	mg/L	0.002	<0.0010	<0.0010								
TDS	mg/L	500	520	454								
Radium-226	pCi/L	-	0.604	0.106								
Radium-228	pCi/L	-	0.0207	0.933								
Combined Radium	pCi/L	5	0.625	1.040								

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-13				
INSTALLATION DATE:	04/07/16	WELL DEPTH (FT-BTOC):	29.25	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	42.26	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/30/2017	3/27/2017	5/22/2017	10/10/2017	12/12/2017
Antimony	mg/L	0.006	Dry	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-
Arsenic	mg/L	0.010	-	0.00074	0.00074	0.00067	0.00088	0.00088	0.00083	0.00078	-	-
Barium	mg/L	2.0	-	0.11	0.057	0.059	0.091	0.12	0.11	0.08	-	-
Beryllium	mg/L	0.004	-	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Boron	mg/L	-	-	1.4	0.97	0.79	1.4	0.8	1.1	1.1	0.55	0.41
Cadmium	mg/L	0.005	-	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-
Calcium	mg/L	-	-	120	72	63	100	130	110	90	72	73
Chloride	mg/L	250	-	44	34	36	170	130	74	39	13	13
Chromium	mg/L	0.100	-	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-
Cobalt	mg/L	0.013	-	0.00078	0.00048	0.00061	0.00088	0.00053	0.00072	<0.00040	-	-
Fluoride	mg/L	4.0	-	0.070	0.080	0.080	0.060	0.06	0.07	0.09	0.1	0.11
Lead	mg/L	0.015	-	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-
Lithium	mg/L	0.040	-	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	<0.0032	-	-
Mercury	mg/L	0.0020	-	<0.000070	0.000083	<0.000070	<0.000070	<0.000070	0.000091	<0.000070	-	-
Molybdenum	mg/L	0.100	-	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	0.0051	<0.00085	-	-
Selenium	mg/L	0.050	-	0.00074	0.00027	0.00086	0.0016	0.0009	0.0035	0.0003	-	-
Sulfate	mg/L	250	-	230	130	90	120	170	160	120	63	58
Thallium	mg/L	0.002	-	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	-	-
TDS	mg/L	500	-	520	370	310	740	570	480	350	250	270
Radium-226	pCi/L	-	-	0.194	0.086	0.166	0.268	-	0.119	0.107	-	-
Radium-228	pCi/L	-	-	0.209	0.657	0.192	0.774	-	0.187	0.244	-	-
Combined Radium	pCi/L	5	-	0.403	0.743	0.358	1.040	-	0.306	0.351	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-13				
INSTALLATION DATE:	04/07/16	WELL DEPTH (FT-BTOC):	29.25	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	42.26	WELL TYPE:		II	
									DIAMETER (IN):		2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/18/2018	8/15/2018	4/9/2019	9/23/2019	3/25/2020	9/21/2020	4/19/2021	9/28/2021	5/2/2022	10/18/2022
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	Dry	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0028	<0.00046	0.00082	<0.0010	0.0027	-	0.0021	0.0018	0.00170	0.003
Barium	mg/L	2.0	0.067	0.08	0.068	0.075	0.097	-	0.092	0.111	0.095	0.085
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00100	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.31	0.46	0.36	0.58	0.237	-	0.3	0.346	1	0.682
Cadmium	mg/L	0.005	<0.00034	<0.00034	<0.00034	<0.00100	<0.0100	-	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	48	60	50	47	60	-	57.9	62.5	52.6	49.9
Chloride	mg/L	250	7.2	10	5.6	15	2.49	-	5	1.82	2.18	2.82
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0010	0.001	-	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	<0.00040	<0.00040	<0.00040	<0.00100	<0.001	-	<0.001	<0.001	<0.001	<0.001
Fluoride	mg/L	4.0	0.11	0.13	0.100	0.132	0.152	-	<0.125	0.203	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	0.00088	<0.00035	<0.00100	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	<0.0011	<0.0011	<0.0011	<0.0050	<0.0250	-	<0.0050	<0.0050	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000200	<0.00020	-	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.0020	<0.0010	<0.001	-	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	0.0014	0.00088	0.00076	<0.00100	0.001	-	0.003	0.002	0.001	<0.001
Sulfate	mg/L	250	41	49	32	42	42	-	48.1	47	46.9	30.9
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.00100	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	170	200	200	210	222	-	204	559	174	187
Radium-226	pCi/L	-	-	0.395	0.180	0.753	0.933	-	0.396	0.447	0.449	0.381
Radium-228	pCi/L	-	-	-0.077	0.194	0.865	0.571	-	0.371	1.19	0.699	-0.0108
Combined Radium	pCi/L	5	-	0.318	0.374	1.620	1.504	-	0.767	1.64	1.15	0.381

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-13				
INSTALLATION DATE:	04/07/16	WELL DEPTH (FT-BTOC):	29.25	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	42.26	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/10/2023	10/17/2023	4/17/2024	10/2/2024	4/22/2025					
Antimony	mg/L	0.006	<0.0010	Dry	<0.0010	Dry	<0.0020					
Arsenic	mg/L	0.010	0.0098	-	0.0064	-	0.0037					
Barium	mg/L	2.0	0.096	-	0.096	-	0.1					
Beryllium	mg/L	0.004	<0.0010	-	<0.0010	-	<0.0010					
Boron	mg/L	-	0.204	-	0.179	-	0.269					
Cadmium	mg/L	0.005	<0.0010	-	<0.0010	-	<0.0010					
Calcium	mg/L	-	53.8	-	50.6	-	48					
Chloride	mg/L	250	1.94	-	1.26	-	<4.00					
Chromium	mg/L	0.100	<0.001	-	<0.001	-	<0.001					
Cobalt	mg/L	0.013	0.002	-	0.002	-	0.001					
Fluoride	mg/L	4.0	0.13	-	<0.125	-	<1.25					
Lead	mg/L	0.015	<0.0010	-	<0.0010	-	<0.0010					
Lithium	mg/L	0.040	<0.008	-	<0.005	-	<0.004					
Mercury	mg/L	0.0020	<0.00020	-	<0.00020	-	<0.00020					
Molybdenum	mg/L	0.100	<0.001	-	<0.001	-	<0.001					
Selenium	mg/L	0.050	<0.001	-	0.001	-	<0.001					
Sulfate	mg/L	250	27.9	-	34.9	-	28					
Thallium	mg/L	0.002	<0.0010	-	<0.0010	-	<0.0010					
TDS	mg/L	500	228	-	192	-	169					
Radium-226	pCi/L	-	0.464	-	0.438	-	-0.473					
Radium-228	pCi/L	-	0.772	-	0.587	-	0.744					
Combined Radium	pCi/L	5	1.24	-	1.03	-	0.744					

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-13A				
INSTALLATION DATE:	03/20/19	WELL DEPTH (FT-BTOC):	62.9	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	41.61	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/8/2019	8/1/2019	9/23/2019	11/18/2019	1/30/2020	3/25/2020	6/23/2020	9/21/2020	4/19/2021	9/28/2021
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0069	0.0123	0.0113	0.00988	0.0112	0.0132	0.0134	0.0105	0.0092	0.0103
Barium	mg/L	2.0	0.12	0.158	0.171	0.176	0.183	0.2	0.187	0.191	0.183	0.169
Beryllium	mg/L	0.004	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.022	0.0128	0.0187	0.0145	0.0133	0.024	0.023	0.012	0.02	0.03
Cadmium	mg/L	0.005	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	16	23	21	22	23	25	24	23	26.8	28.5
Chloride	mg/L	250	27	37	42	47	48	50	50	50	55.8	56.5
Chromium	mg/L	0.100	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.011	0.0116	0.0113	0.012	0.0116	0.013	0.012	0.01	0.01	0.011
Fluoride	mg/L	4.0	0.060	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0050	<0.0050	0.0062	0.0051	0.0085	<0.0250	0.0064	0.0066	0.00673	0.0062
Mercury	mg/L	0.0020	<0.000070	<0.00020	<0.00020	<0.00020	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	54	83.3	76	81.2	85.7	89.6	72.6	72.8	75	86.5
Thallium	mg/L	0.002	<0.000085	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	190	264	289	236	278	266	287	242	312	340
Radium-226	pCi/L	-	0.205	0.278	0.889	0.559	0.059	0.670	0.767	0.468	0.234	0.501
Radium-228	pCi/L	-	0.128	0.871	0.849	0.864	0.371	0.588	0.706	0.837	0.761	1.32
Combined Radium	pCi/L	5	0.333	1.149	1.740	1.420	0.430	1.258	1.470	1.310	0.995	1.82

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-13A				
INSTALLATION DATE:	03/20/19	WELL DEPTH (FT-BTOC):	62.9	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	41.61	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/27/2022	10/17/2022	4/11/2023	10/17/2023	4/17/2024	10/3/2024	4/10/2025			
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Arsenic	mg/L	0.010	0.0092	0.0071	0.0081	0.0081	0.0069	0.0073	0.006			
Barium	mg/L	2.0	0.182	0.165	0.151	0.172	0.147	0.157	0.126			
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Boron	mg/L	-	0.028	0.0320	0.068	0.123	0.195	0.25	0.302			
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Calcium	mg/L	-	27.5	25	27.6	31	37	37	39			
Chloride	mg/L	250	60.9	65	71	75	85	90	96			
Chromium	mg/L	0.100	0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001			
Cobalt	mg/L	0.013	0.011	0.012	0.011	0.012	0.014	0.014	0.019			
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125			
Lead	mg/L	0.015	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Lithium	mg/L	0.040	0.0062	0.00762	0.00949	0.0079	0.00822	<0.004	0.0101			
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020			
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001			
Sulfate	mg/L	250	80.7	91	91.3	92.7	140	113	121			
Thallium	mg/L	0.002	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
TDS	mg/L	500	323	339	308	314	348	353	378			
Radium-226	pCi/L	-	0.220	0.403	0.073	1.01	0.000	0.392	0.052			
Radium-228	pCi/L	-	0.481	0.507	0.258	0.785	0.787	0.686	0.497			
Combined Radium	pCi/L	5	0.701	0.910	0.331	1.80	0.787	1.08	0.549			

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-14				
INSTALLATION DATE:	04/07/16	WELL DEPTH (FT-BTOC):	29.48	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.56	WELL TYPE:		II		
								DIAMETER (IN):		2		
			Sample Date									
Constituent	Units	GWPS	3/29/2016	5/18/2016	7/19/2016	9/19/2016	11/29/2016	1/31/2017	3/29/2017	5/23/2017	10/10/2017	4/17/2018
Antimony	mg/L	0.006	-	<0.0010	Dry	Dry	Dry	<0.0010	<0.0010	<0.0010	Dry	<0.0010
Arsenic	mg/L	0.010	-	0.200	-	-	-	0.0008	0.0012	0.0013	-	0.017
Barium	mg/L	2.0	-	0.29	-	-	-	0.21	0.063	0.12	-	0.23
Beryllium	mg/L	0.004	-	<0.00034	-	-	-	0.00075	0.00053	<0.00034	-	<0.00034
Boron	mg/L	-	-	0.320	-	-	-	3.4	3.6	1.4	-	1.7
Cadmium	mg/L	0.005	-	<0.00034	-	-	-	0.0026	0.0015	0.0012	-	<0.00034
Calcium	mg/L	-	-	94	-	-	-	160	160	100	-	180
Chloride	mg/L	250	-	70	-	-	-	190	190	110	-	140
Chromium	mg/L	0.100	-	<0.0011	-	-	-	<0.0011	<0.0011	<0.0011	-	<0.0011
Cobalt	mg/L	0.013	-	0.0022	-	-	-	0.26	0.35	0.14	-	0.055
Fluoride	mg/L	4.0	-	0.22	-	-	-	0.04	<0.032	0.06	-	0.15
Lead	mg/L	0.015	-	<0.00035	-	-	-	<0.00035	<0.00035	<0.00035	-	<0.00035
Lithium	mg/L	0.040	-	<0.0032	-	-	-	0.0035	<0.0032	<0.0032	-	<0.0011
Mercury	mg/L	0.0020	-	<0.000070	-	-	-	<0.000070	<0.000070	<0.000070	-	<0.000070
Molybdenum	mg/L	0.100	-	<0.00085	-	-	-	<0.00085	<0.00085	<0.00085	-	<0.00085
Selenium	mg/L	0.050	-	0.0011	-	-	-	<0.00024	<0.00024	<0.00024	-	0.00085
Sulfate	mg/L	250	-	<1.4	-	-	-	260	440	170	-	260
Thallium	mg/L	0.002	-	<0.000085	-	-	-	0.00015	0.00014	0.00013	-	<0.000085
TDS	mg/L	500	-	470	-	-	-	870	1100	580	-	970
Radium-226	pCi/L	-	-	0.335	-	-	-	-	0.239	0.264	-	-
Radium-228	pCi/L	-	-	0.692	-	-	-	-	0.263	0.111	-	-
Combined Radium	pCi/L	5	-	1.030	-	-	-	-	0.502	0.375	-	-

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-14				
INSTALLATION DATE:	04/07/16	WELL DEPTH (FT-BTOC):	29.48	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.56	WELL TYPE:		II		
								DIAMETER (IN):		2		
			Sample Date									
Constituent	Units	GWPS	8/13/2018	4/10/2019	6/5/2019	9/26/2019	3/24/2020	9/24/2020	4/22/2021	9/29/2021	4/26/2022	4/13/2023
Antimony	mg/L	0.006	Dry	<0.0010	-	Dry	<0.0010	Dry	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	-	0.017	0.019	-	0.0072	-	0.0132	0.0368	0.06350	0.014
Barium	mg/L	2.0	-	0.19	-	-	0.169	-	0.238	0.292	0.282	0.111
Beryllium	mg/L	0.004	-	<0.00034	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	-	0.77	-	-	0.92	-	0.7	0.352	0.544	1.12
Cadmium	mg/L	0.005	-	<0.00034	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	-	150	-	-	258	-	126	108	119	102
Chloride	mg/L	250	-	75	-	-	72.2	-	57	26.1	43.5	78.1
Chromium	mg/L	0.100	-	<0.0011	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	-	0.043	-	-	0.052	-	0.025	0.014	0.014	0.059
Fluoride	mg/L	4.0	-	0.19	-	-	0.194	-	<0.125	0.178	0.186	<0.125
Lead	mg/L	0.015	-	<0.00035	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	-	0.0015	-	-	<0.0250	-	<0.0050	<0.0050	<0.0050	<0.008
Mercury	mg/L	0.0020	-	<0.000070	-	-	<0.00020	-	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	-	<0.00085	-	-	<0.001	-	<0.001	0.001	0.001	<0.001
Selenium	mg/L	0.050	-	<0.000071	-	-	<0.001	-	<0.001	0.001	0.001	<0.001
Sulfate	mg/L	250	-	160	-	-	281	-	123	51.1	98.9	214
Thallium	mg/L	0.002	-	<0.000085	-	-	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	-	780	-	-	678	-	667	522	613	466
Radium-226	pCi/L	-	-	0.219	-	-	0.818	-	0.695	0.559	0.160	0.0730
Radium-228	pCi/L	-	-	0.538	-	-	0.706	-	2.12	1.07	0.399	0.258
Combined Radium	pCi/L	5	-	0.757	-	-	1.524	-	2.82	1.63	0.559	0.331

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-14				
INSTALLATION DATE:	04/07/16	WELL DEPTH (FT-BTOC):	29.48	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.56	WELL TYPE:		II		
								DIAMETER (IN):		2		
			Sample Date									
Constituent	Units	GWPS	10/24/2023	4/11/2024	10/2/2024	4/10/2025						
Antimony	mg/L	0.006	Dry	<0.0010	Dry	<0.0010						
Arsenic	mg/L	0.010	-	0.008	-	0.005						
Barium	mg/L	2.0	-	0.137	-	0.118						
Beryllium	mg/L	0.004	-	<0.0010	-	<0.0010						
Boron	mg/L	-	-	0.656	-	0.705						
Cadmium	mg/L	0.005	-	<0.0010	-	<0.0010						
Calcium	mg/L	-	-	97.4	-	86.9						
Chloride	mg/L	250	-	43.5	-	34.1						
Chromium	mg/L	0.100	-	<0.001	-	<0.001						
Cobalt	mg/L	0.013	-	0.029	-	0.046						
Fluoride	mg/L	4.0	-	0.156	-	<0.125						
Lead	mg/L	0.015	-	<0.0010	-	<0.0010						
Lithium	mg/L	0.040	-	<0.005	-	<0.004						
Mercury	mg/L	0.0020	-	<0.00020	-	<0.00020						
Molybdenum	mg/L	0.100	-	<0.001	-	<0.001						
Selenium	mg/L	0.050	-	<0.001	-	<0.001						
Sulfate	mg/L	250	-	90.7	-	81.6						
Thallium	mg/L	0.002	-	<0.0010	-	<0.0010						
TDS	mg/L	500	-	378	-	432						
Radium-226	pCi/L	-	-	0.250	-	0.104						
Radium-228	pCi/L	-	-	0.588	-	0.641						
Combined Radium	pCi/L	5	-	0.838	-	0.745						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-14A				
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	38.98	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.50	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	8/4/2016	9/19/2016	12/1/2016	1/31/2017	3/29/2017	5/23/2017	10/10/2017	12/11/2017	4/17/2018	8/15/2018
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	-	-	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0015	0.0010	0.0036	0.0009	0.0014	0.0012	-	-	0.0045	0.0040
Barium	mg/L	2.0	0.49	0.035	0.060	0.037	0.035	0.046	-	-	0.05	0.056
Beryllium	mg/L	0.004	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	<0.00034	-	-	<0.00034	<0.00034
Boron	mg/L	-	4.4	5.0	6.0	4.5	4.4	4.2	3.6	3.6	3.9	2.3
Cadmium	mg/L	0.005	0.00087	0.0012	0.0012	0.0025	0.00073	0.0018	-	-	0.0016	0.0027
Calcium	mg/L	-	200	180	170	220	220	230	210	250	250	170
Chloride	mg/L	250	210	220	220	230	250	240	220	220	270	210
Chromium	mg/L	0.100	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	<0.0011	-	-	<0.0011	<0.0011
Cobalt	mg/L	0.013	0.076	0.085	0.079	0.12	0.096	0.140	-	-	0.150	0.120
Fluoride	mg/L	4.0	0.050	0.050	0.050	<0.032	0.04	0.04	0.04	0.07	0.05	0.05
Lead	mg/L	0.015	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	<0.00035	-	-	<0.00035	<0.00035
Lithium	mg/L	0.040	0.063	0.044	0.035	0.044	0.045	0.018	-	-	0.047	0.016
Mercury	mg/L	0.0020	<0.000070	<0.000070	<0.000070	<0.000070	0.00011	<0.000070	-	-	<0.000070	<0.000070
Molybdenum	mg/L	0.100	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	<0.00085	-	-	<0.00085	<0.00085
Selenium	mg/L	0.050	<0.00024	<0.00024	<0.00024	<0.00024	<0.00024	0.00034	-	-	<0.00024	<0.00024
Sulfate	mg/L	250	340	390	360	300	470	480	390	460	460	360
Thallium	mg/L	0.002	<0.000085	<0.000085	<0.000085	<0.000085	<0.000085	0.000095	-	-	<0.000085	<0.000085
TDS	mg/L	500	1100	1100	1100	1200	1200	1100	1200	1300	1400	1100
Radium-226	pCi/L	-	0.282	0.202	0.574	-	0.276	0.118	-	-	-	0.404
Radium-228	pCi/L	-	0.931	0.615	0.409	-	0.372	0.469	-	-	-	0.334
Combined Radium	pCi/L	5	1.210	0.817	0.983	-	0.648	0.587	-	-	-	0.739

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-14A				
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	38.98	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.50	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/10/2019	6/5/2019	9/26/2019	3/23/2020	9/24/2020	4/22/2021	9/29/2021	5/4/2022	10/12/2022	4/13/2023
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0075	-	0.0042	0.0059	0.0076	0.0106	0.0117	0.0091	0.00540	0.0067
Barium	mg/L	2.0	0.072	-	0.053	0.070	0.064	0.055	0.085	0.075	0.061	0.055
Beryllium	mg/L	0.004	<0.00034	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	2.9	-	2.4	1.54	1.51	1.10	1.2	1.1	1.26	0.851
Cadmium	mg/L	0.005	<0.00034	-	0.00715	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	190	-	167	114	118	84	88.8	82.3	84.3	97
Chloride	mg/L	250	210	-	174	102	110	54	56	55.5	87.6	46.3
Chromium	mg/L	0.100	<0.0011	-	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.110	0.110	0.111	0.057	0.082	0.0360	0.039	0.048	0.042	0.035
Fluoride	mg/L	4.0	0.06	-	<0.125	<0.125	<0.125	<0.125	0.1	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	-	<0.00100	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.026	-	0.0177	0.0136	0.0103	0.0114	0.009	0.00693	0.007	0.0118
Mercury	mg/L	0.0020	<0.000070	-	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.00200	-	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	-	<0.00100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	390	-	442	217	249	113	117	116	171	91
Thallium	mg/L	0.002	<0.000085	-	<0.001000	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	1000	-	933	636	684	512	518	492	548	392
Radium-226	pCi/L	-	0.225	-	0.409	0.598	0.179	0.000	-0.00967	0.368	0.324	0.703
Radium-228	pCi/L	-	0.445	-	0.837	0.958	0.365	0.472	0.527	0.209	0.574	0.613
Combined Radium	pCi/L	5	0.670	-	1.246	1.556	0.544	0.472	0.527	0.577	0.898	1.32

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama		WELL ID:	MW-14A					
INSTALLATION DATE:	08/02/16	WELL DEPTH (FT-BTOC):	38.98	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.50	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/24/2023	4/22/2024	10/9/2024	4/15/2025						
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010						
Arsenic	mg/L	0.010	0.0066	0.0064	0.0051	<0.0050						
Barium	mg/L	2.0	0.076	0.079	0.089	0.093						
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010						
Boron	mg/L	-	0.953	0.67	0.884	0.52						
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010						
Calcium	mg/L	-	81.1	82	91.7	82.1						
Chloride	mg/L	250	63.9	37.2	54.9	26.5						
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.010						
Cobalt	mg/L	0.013	0.047	0.031	0.039	0.034						
Fluoride	mg/L	4.0	0.137	0.253	<0.125	<0.125						
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010						
Lithium	mg/L	0.040	0.00709	0.00685	<0.004	0.00918						
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020						
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001						
Selenium	mg/L	0.050	<0.001	<0.001	0.002	<0.005						
Sulfate	mg/L	250	127	63.7	123	39.6						
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010						
TDS	mg/L	500	350	390	448	332						
Radium-226	pCi/L	-	0.487	0.290	0.196	0.059						
Radium-228	pCi/L	-	1.96	0.759	0.232	1.020						
Combined Radium	pCi/L	5	2.45	1.05	0.428	1.080						

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant			Location:	Leroy, Alabama			WELL ID:	MW-14B			
INSTALLATION		WELL DEPTH		SCREEN LENGTH (FT):			CASING ELEV		WELL TYPE:		II	
DATE:		(FT-BTOC):					(FT / MSL)		DIAMETER (IN):		2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	9/29/2021	4/26/2022	10/12/2022	4/13/2023	10/18/2023	4/22/2024	10/3/2024	4/11/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Arsenic	mg/L	0.010	0.001	<0.0010	0.0017	0.001	0.0016	0.001	0.0012	<0.0010		
Barium	mg/L	2.0	0.172	0.089	0.179	0.069	0.152	0.081	0.125	0.136		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	2.6	0.4	2.9	0.338	1.44	0.326	0.382	0.176		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	0.0102		
Calcium	mg/L	-	151	55.5	134	48.3	95.6	41.9	57.8	37.5		
Chloride	mg/L	250	165	68.9	184	63.1	108	45.5	77.8	61.2		
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002		
Cobalt	mg/L	0.013	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	<1.25	<0.125	<0.125	<0.125		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	0.194	0.0939	0.177	0.0834	0.141	0.0772	<0.004	0.064		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	0.042	0.023	0.047	0.023	0.045	0.023	0.021	0.016		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001		
Sulfate	mg/L	250	358	88.9	387	73.6	196	53.7	88.9	65.1		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	955	454	1060	294	633	278	446	324		
Radium-226	pCi/L	-	0.201	0.547	0.494	0.148	1.11	-0.0544	0.209	0.711		
Radium-228	pCi/L	-	0.795	0.294	1.35	1.18	1.52	0.470	0.633	0.464		
Combined Radium	pCi/L	5	0.996	0.841	1.84	1.33	2.63	0.470	0.842	1.180		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-15				
INSTALLATION DATE:	03/18/19	WELL DEPTH (FT-BTOC):	33.18	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	31.51	WELL TYPE:		II		
								DIAMETER (IN):		2		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/7/2019	7/31/2019	7/31/2019	9/24/2019	11/20/2019	1/30/2020	3/23/2020	6/22/2020	9/21/2020	4/20/2021
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0012	0.0023	0.0023	0.0016	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.093	0.0704	0.0704	0.0681	0.0738	0.0745	0.057	0.057	0.062	0.066
Beryllium	mg/L	0.004	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.052	0.0517	0.0517	0.0518	0.0447	0.0294	0.034	0.039	0.033	0.032
Cadmium	mg/L	0.005	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	22	14.7	14.7	14.5	12.4	12.5	10.7	12.1	11.3	11.4
Chloride	mg/L	250	14	8.91	8.91	8.58	8.43	7.65	5.96	5.34	5.56	6.65
Chromium	mg/L	0.100	<0.0011	<0.0010	<0.0010	0.00102	<0.0010	<0.0010	0.001	<0.001	0.001	0.001
Cobalt	mg/L	0.013	0.014	0.0092	0.0092	0.00544	0.00477	0.00218	0.001	0.004	<0.001	<0.001
Fluoride	mg/L	4.0	0.06	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0038	-	<0.0050	<0.0050	<0.0050	<0.0050	0.00756	<0.0050	<0.005	<0.005
Mercury	mg/L	0.0020	<0.000070	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	34	32.8	32.8	29.6	32.1	36.3	27.3	26.8	28.4	27
Thallium	mg/L	0.002	<0.000085	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	150	104	104	128	98.9	106	76	87.7	112	83.3
Radium-226	pCi/L	-	0.112	-	0.320	1.160	0.565	-0.0495	0.612	0.749	0.062	0.522
Radium-228	pCi/L	-	0.105	-	0.912	0.897	0.927	0.381	0.817	0.722	1.220	0.784
Combined Radium	pCi/L	5	0.217	-	1.232	2.060	1.490	0.381	1.429	1.470	1.280	1.31

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant			Location:	Leroy, Alabama			WELL ID:	MW-15			
INSTALLATION DATE:	03/18/19	WELL DEPTH (FT-BTOC):	33.18	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	31.51	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/4/2021	4/26/2022	10/12/2022	4/12/2023	10/17/2023	4/11/2024	10/3/2024	4/11/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Arsenic	mg/L	0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Barium	mg/L	2.0	0.059	0.061	0.048	0.048	0.045	0.045	0.048	0.055		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	0.027	0.037	0.041	0.026	0.035	0.03	0.0	0.031		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Calcium	mg/L	-	13.1	9.38	9.16	9.78	8.15	10	10	9.82		
Chloride	mg/L	250	5.7	5.46	4.78	4.91	4.03	6	5	5.12		
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001		
Cobalt	mg/L	0.013	0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.004		
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	<0.0050	<0.0050	<0.0050	<0.008	<0.004	<0.005	<0.004	<0.004		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Sulfate	mg/L	250	27.6	20.3	20.2	23.1	18.5	25.2	20.9	20.7		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	66	70	79.5	85.7	68	<50.0	<49.5	<51.0		
Radium-226	pCi/L	-	0.401	0.0521	0.200	0.069	-0.253	0.439	-0.316	0.758		
Radium-228	pCi/L	-	-0.415	0.393	0.473	0.622	0.828	0.129	0.289	1.27		
Combined Radium	pCi/L	5	0.401	0.445	0.673	0.691	0.828	0.568	0.289	2.03		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-16				
INSTALLATION DATE:	03/19/19	WELL DEPTH (FT-BTOC):	42.23	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	34.70	WELL TYPE: DIAMETER (IN):		II 2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/8/2019	6/4/2019	7/31/2019	9/25/2019	11/19/2019	1/30/2020	3/23/2020	6/22/2020	9/22/2020	4/20/2021
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0046	-	0.0074	0.0086	0.0050	0.0032	0.0037	0.0037	0.0071	0.0025
Barium	mg/L	2.0	0.29	-	0.268	0.233	0.169	0.126	0.129	0.147	0.232	0.136
Beryllium	mg/L	0.004	<0.00034	-	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	2.5	-	2.18	1.89	2.67	1.53	1.02	1.48	1.36	1.19
Cadmium	mg/L	0.005	<0.00034	-	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	120	-	130	121	123	105	87.7	90.7	106	80.3
Chloride	mg/L	250	130	-	107	102	107	76	73.3	58.5	77.2	56.7
Chromium	mg/L	0.100	<0.0011	-	<0.0010	<0.0050	<0.0010	<0.0010	0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.030	-	0.0238	0.0223	0.02	0.0181	0.017	0.015	0.022	0.012
Fluoride	mg/L	4.0	0.09	-	<0.125	<0.125	<0.125	0.192	0.199	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	-	<0.0010	<0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0460	-	0.0322	0.0353	0.0399	0.0379	0.0371	0.0429	0.0287	0.0526
Mercury	mg/L	0.0020	<0.000070	-	<0.00020	<0.0002	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.0020	0.00128	<0.0050	<0.0010	0.00118	0.001	0.001	<0.001	0.001
Selenium	mg/L	0.050	<0.00071	-	<0.0010	<0.0050	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	210	-	198	190	193	129	119	106	129	95.8
Thallium	mg/L	0.002	<0.000085	-	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	700	-	726	602	576	555	463	520	517	469
Radium-226	pCi/L	-	0.464	-	0.764	0.394	0.593	0.149	0.726	0.533	0.687	0.240
Radium-228	pCi/L	-	0.702	-	0.894	0.809	0.738	0.432	0.882	0.791	1.510	0.303
Combined Radium	pCi/L	5	1.170	-	1.658	1.246	1.330	0.581	1.608	1.320	2.200	0.543

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant			Location:	Leroy, Alabama			WELL ID:	MW-16			
INSTALLATION DATE:	03/19/19	WELL DEPTH (FT-BTOC):	42.23	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	34.70	WELL TYPE: DIAMETER (IN):		II 2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/4/2021	4/26/2022	10/12/2022	4/12/2023	10/17/2023	4/11/2024	10/3/2024	4/11/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Arsenic	mg/L	0.010	0.0031	0.0018	0.0039	0.0014	0.0031	0.0011	0.0019	0.0011		
Barium	mg/L	2.0	0.158	0.13	0.156	0.092	0.175	0.074	0.113	0.092		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	1.24	0.767	0.712	0.55	0.75	0.51	0.6	0.371		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Calcium	mg/L	-	87.3	70.4	71.4	59.3	74.2	63	47.2	49.1		
Chloride	mg/L	250	73.6	45.9	45.3	32.2	41.5	32	29	23.8		
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Cobalt	mg/L	0.013	0.016	0.011	0.016	0.006	0.015	0.0060	0.01	0.01		
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	<0.125	0.128	<0.125	0.128		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	0.0519	0.0405	0.0334	0.0344	0.0337	<0.005	<0.004	0.0369		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001		
Sulfate	mg/L	250	123	79.2	72.5	52.1	77	49.8	49.4	39.3		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	492	440	385	322	376	272	276	233		
Radium-226	pCi/L	-	-0.128	-0.0503	0.483	0.425	0.385	0.127	0.268	1.06		
Radium-228	pCi/L	-	0.585	0.923	0.618	0.561	0.633	-0.0804	0.477	0.702		
Combined Radium	pCi/L	5	0.585	0.923	1.10	0.986	1.02	0.127	0.745	1.76		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-17				
INSTALLATION DATE:	03/19/19	WELL DEPTH (FT-BTOC):	41.7	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	36.23	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/8/2019	6/4/2019	7/31/2019	9/26/2019	11/19/2019	1/30/2020	3/25/2020	6/23/2020	9/22/2020	4/19/2021
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.016	0.029	0.030	0.016	0.052	0.046	0.054	0.043	0.024	0.0448
Barium	mg/L	2.0	0.260	-	0.217	0.099	0.097	0.073	0.071	0.096	0.152	0.057
Beryllium	mg/L	0.004	<0.00034	-	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	5.6	-	4.38	4.00	5.12	4.73	9.05	4.75	3.09	3.48
Cadmium	mg/L	0.005	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	220	-	188	162	185	212	350	194	131	147
Chloride	mg/L	250	240	-	166	143	179	196	170	184	126	129
Chromium	mg/L	0.100	<0.0011	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.042	0.013	0.0301	0.0322	0.0195	0.017	0.02	0.016	0.02	0.016
Fluoride	mg/L	4.0	1.1	-	0.342	0.339	1.48	1.71	1.21	1.32	0.322	1.37
Lead	mg/L	0.015	<0.00035	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.1500	0.0980	0.0897	0.0925	0.1320	0.1240	0.1150	0.1070	0.0469	0.109
Mercury	mg/L	0.0020	<0.000070	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.220	0.160	0.110	0.103	0.224	0.128	0.087	0.124	0.011	0.109
Selenium	mg/L	0.050	<0.00071	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	220	-	223	232	207	192	278	168	88.7	149
Thallium	mg/L	0.002	<0.000085	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	1300	-	945	765	792	1050	872	998	642	724
Radium-226	pCi/L	-	0.342	-	0.903	0.875	1.340	0.150	0.796	0.602	0.517	0.139
Radium-228	pCi/L	-	0.446	-	1.300	0.748	0.884	0.935	0.782	0.791	0.494	-0.113
Combined Radium	pCi/L	5	0.788	-	2.203	1.623	2.220	1.09	1.578	1.390	1.010	0.139

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-17				
INSTALLATION DATE:	03/19/19	WELL DEPTH (FT-BTOC):	41.7	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	36.23	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	9/28/2021	5/3/2022	10/12/2022	4/12/2023	10/26/2023	4/24/2024	10/15/2024	4/17/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Arsenic	mg/L	0.010	0.0634	0.0472	0.0214	0.0569	0.0177	0.0492	0.0369	0.0426		
Barium	mg/L	2.0	0.061	0.058	0.158	0.054	0.075	0.058	0.080	0.062		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	2.93	2.77	2.66	2.33	2.28	2.62	2.4	2.12		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Calcium	mg/L	-	146	122	120	115	108	117	106	112		
Chloride	mg/L	250	123	103	109	102	98	104	127	87.8		
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.010		
Cobalt	mg/L	0.013	0.015	0.017	0.03	0.016	0.025	0.0180	0.023	0.024		
Fluoride	mg/L	4.0	1.96	1.69	0.472	1.43	0.94	1.72	0.9	1.78		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	0.103	0.0877	0.047	0.0992	0.0652	0.101	<0.004	0.085		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	0.145	0.112	0.015	0.089	0.044	0.069	0.05	0.051		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.005		
Sulfate	mg/L	250	164	141	174	157	123	157	167	126		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	695	600	672	603	526	578	532	584		
Radium-226	pCi/L	-	0.0650	0.0549	0.216	-0.254	0.493	0.000	0.620	0.756		
Radium-228	pCi/L	-	0.603	0.623	0.763	0.0709	1.20	0.548	0.164	0.611		
Combined Radium	pCi/L	5	0.668	0.678	0.979	0.0709	1.69	0.548	0.784	1.37		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-18				
INSTALLATION DATE:	03/20/19	WELL DEPTH (FT-BTOC):	53.03	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	32.64	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/7/2019	8/1/2019	9/24/2019	11/19/2019	1/29/2020	3/25/2020	6/23/2020	9/22/2020	4/19/2021	9/29/2021
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0063	<0.0010	<0.0010	<0.0010	0.00691	0.0044	0.0015	<0.0010	0.0067	<0.0010
Barium	mg/L	2.0	0.290	0.156	0.148	0.139	0.284	0.271	0.191	0.128	0.273	0.115
Beryllium	mg/L	0.004	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.17	0.132	0.145	0.134	0.073	0.078	0.109	0.168	0.07	0.108
Cadmium	mg/L	0.005	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	45	36.4	34.5	33.4	45.5	42.7	37.8	32	52.9	30.4
Chloride	mg/L	250	16	14.9	15.5	17.3	12.3	12.6	12.8	13.7	12.1	13.1
Chromium	mg/L	0.100	<0.0011	<0.0010	<0.0010	0.0014	<0.0010	0.001	0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.0046	<0.0010	<0.0010	<0.0010	0.0049	0.004	<0.001	<0.001	0.002	<0.001
Fluoride	mg/L	4.0	0.11	<0.125	<0.125	0.135	0.271	0.129	<0.125	<0.125	0.138	0.143
Lead	mg/L	0.015	<0.00035	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0030	<0.0050	<0.0050	<0.0050	<0.0050	<0.0250	<0.0050	<0.005	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	17	35	28	27	<1.00	3.65	12.8	25.2	<1.00	30.6
Thallium	mg/L	0.002	<0.000085	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	260	196	220	157	263	227	208	170	238	163
Radium-226	pCi/L	-	0.463	0.786	0.465	0.703	0.327	0.710	0.731	0.000	0.199	0.509
Radium-228	pCi/L	-	0.173	0.799	0.785	0.853	0.836	0.665	0.778	0.228	0.274	0.341
Combined Radium	pCi/L	5	0.636	1.585	1.250	1.560	1.16	1.375	1.510	0.228	0.473	0.850

Monitoring Point Data Summary Table												
SITE NAME:		Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-18			
INSTALLATION DATE:		03/20/19	WELL DEPTH (FT-BTOC):	53.03	SCREEN LENGTH (FT):		10.0	CASING ELEV (FT / MSL)	32.64	WELL TYPE:		II
										DIAMETER (IN):		2
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/26/2022	10/12/2022	4/12/2023	10/19/2023	4/11/2024	10/3/2024	4/11/2025			
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	0.0015	<0.0010	<0.0010	<0.0010			
Arsenic	mg/L	0.010	0.0031	<0.0010	0.0109	<0.0010	0.0111	<0.0010	0.0069			
Barium	mg/L	2.0	0.228	0.14	0.186	0.141	0.187	0.121	0.197			
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Boron	mg/L	-	0.085	0.145	0.098	0.117	0.084	0.112	0.068			
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Calcium	mg/L	-	47.4	34.1	43.9	32.3	44.5	31.6	43.2			
Chloride	mg/L	250	12.4	12.5	<0.001	9.71	12.9	7.92	9.95			
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
Cobalt	mg/L	0.013	0.001	<0.001	<0.125	<0.001	<0.001	<0.001	<0.001			
Fluoride	mg/L	4.0	0.146	<0.125	<0.0010	<0.125	<0.125	<0.125	<0.125			
Lead	mg/L	0.015	<0.0010	<0.0010		<0.0010	<0.0010	<0.0010	<0.0010			
Lithium	mg/L	0.040	<0.0050	<0.0050	<0.008	<0.004	<0.005	<0.004	<0.004			
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020			
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
Sulfate	mg/L	250	1.15	28	2.04	18	4.72	14.8	3.54			
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
TDS	mg/L	500	234	239	208	148	182	145	243			
Radium-226	pCi/L	-	0.256	-0.245	-0.551	0.270	0.125	0.262	0.214			
Radium-228	pCi/L	-	0.420	0.283	0.809	0.438	0.342	0.281	0.481			
Combined Radium	pCi/L	5	0.676	0.283	0.809	0.708	0.467	0.543	0.695			

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-19				
INSTALLATION DATE:	03/20/19	WELL DEPTH (FT-BTOC):	53.13	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	50.76	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/7/2019	6/4/2019	8/1/2019	9/25/2019	11/20/2019	1/29/2020	3/25/2020	6/23/2020	9/22/2020	4/20/2021
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	<0.00046	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.095	-	0.0751	0.0641	0.0470	0.0517	0.063	0.064	0.059	0.05
Beryllium	mg/L	0.004	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.38	-	0.295	0.328	0.309	0.241	0.261	0.239	0.33	0.172
Cadmium	mg/L	0.005	0.00049	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	41	-	42.7	39.3	34.5	34.2	39.3	34.1	37.4	28
Chloride	mg/L	250	31	-	31.2	30.1	25.1	12.6	19.1	17.5	23.4	9.31
Chromium	mg/L	0.100	<0.0011	-	0.0011	0.0011	<0.0010	<0.0010	0.0010	0.0010	<0.001	<0.001
Cobalt	mg/L	0.013	0.014	-	0.00845	0.00723	0.0068	0.00444	0.005	0.005	0.005	0.001
Fluoride	mg/L	4.0	0.04	-	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0110	0.0090	0.0079	0.0092	0.0093	0.0139	<0.0250	0.0084	0.0102	0.0103
Mercury	mg/L	0.0020	<0.000070	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	90	-	107	94	91	73.7	84.7	72.5	84.3	49.1
Thallium	mg/L	0.002	<0.000085	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	210	-	258	283	229	145	220	220	217	166
Radium-226	pCi/L	-	0.155	-	1.020	0.967	0.576	-0.0524	0.523	0.107	0.201	-0.0630
Radium-228	pCi/L	-	0.376	-	1.010	0.915	0.811	0.702	0.602	0.833	0.322	0.131
Combined Radium	pCi/L	5	0.530	-	2.030	1.880	1.390	0.702	1.125	1.900	0.523	0.131

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-19				
INSTALLATION DATE:	03/20/19	WELL DEPTH (FT-BTOC):	53.13	SCREEN LENGTH (FT):	15.0		CASING ELEV (FT / MSL)	50.76	WELL TYPE: DIAMETER (IN):		II 2	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	9/28/2021	4/26/2022	10/18/2022	4/13/2023	10/17/2023	4/17/2024	10/3/2024	4/10/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Arsenic	mg/L	0.010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Barium	mg/L	2.0	0.063	0.066	0.072	0.052	0.074	0.056	0.056	0.043		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	0.207	0.199	0.243	0.186	0.215	0.22	0.2	0.127		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Calcium	mg/L	-	28.4	28.5	31.8	26.5	30.9	30	28.2	23.4		
Chloride	mg/L	250	11.2	11.2	22.9	<0.001	18.9	10	16	6.89		
Chromium	mg/L	0.100	<0.001	<0.001	<0.005	0.001	<0.001	<0.001	<0.001	<0.001		
Cobalt	mg/L	0.013	0.001	0.001	<0.005	<0.125	0.004	<0.001	0.001	<0.001		
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.126	<0.125	<0.125	<0.125	<0.125		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0050	<0.00020	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	0.00914	0.00874	0.00994	0.0134	0.00904	0.0127	<0.004	0.0102		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00021	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001		
Sulfate	mg/L	250	61.9	57.3	79.8	63.4	66.9	74.1	64.9	42.6		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	170	188	235	126	226	168	160	160		
Radium-226	pCi/L	-	0.384	0.189	0.0626	0.276	0.0860	-0.194	0.284	0		
Radium-228	pCi/L	-	0.465	0.134	-0.0644	0.321	0.123	0.437	0.253	0.0823		
Combined Radium	pCi/L	5	0.849	0.323	0.0626	0.597	0.209	0.437	0.537	0.0823		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-20				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	33.41	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	30.01	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/6/2019	6/4/2019	8/1/2019	9/25/2019	11/20/2019	1/29/2020	3/25/2020	6/23/2020	9/21/2020	4/20/2021
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.051	0.036	0.042	0.033	0.036	0.036	0.038	0.038	0.045	0.0289
Barium	mg/L	2.0	0.15	-	0.135	0.120	0.130	0.131	0.140	0.166	0.139	0.133
Beryllium	mg/L	0.004	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.089	-	0.0535	0.0659	0.0625	0.0556	0.055	0.06	0.066	0.061
Cadmium	mg/L	0.005	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	48	-	54.8	48.1	45.2	44.6	45.8	48.4	49.9	49.2
Chloride	mg/L	250	9.4	-	9.17	8.12	10.1	9.51	9.86	9.81	10.4	7.83
Chromium	mg/L	0.100	<0.0011	-	<0.0010	<0.0010	0.00191	<0.0010	<0.001	0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.0027	-	0.00193	<0.0010	0.0028	0.00156	0.003	0.006	<0.001	<0.001
Fluoride	mg/L	4.0	0.14	-	0.203	0.160	0.155	0.357	0.158	<0.125	0.147	0.164
Lead	mg/L	0.015	<0.00035	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0015	-	<0.0050	<0.0050	<0.0050	<0.0050	<0.0250	<0.0050	<0.005	<0.0050
Mercury	mg/L	0.0020	<0.000070	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	26	-	23	<1	13.4	11.1	28.4	41.9	11.1	11.5
Thallium	mg/L	0.002	<0.000085	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	170	-	245	212	202	146	208	246	242	233
Radium-226	pCi/L	-	0.148	-	0.926	0.857	0.752	0.292	0.758	0.777	0.111	0.300
Radium-228	pCi/L	-	0.298	-	0.772	0.930	0.729	0.400	0.639	0.948	0.919	0.332
Combined Radium	pCi/L	5	0.447	-	1.698	1.790	1.480	0.692	1.397	1.730	1.030	0.632

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-20				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	33.41	SCREEN LENGTH (FT):	10.0		CASING ELEV (FT / MSL)	30.01	WELL TYPE:		II	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/4/2021	5/4/2022	10/11/2022	4/11/2023	10/24/2023	4/9/2024	10/16/2024	4/15/2025		
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Arsenic	mg/L	0.010	0.0294	0.0282	0.0244	0.0259	0.0242	0.0235	0.0215	0.0251		
Barium	mg/L	2.0	0.12	0.13	0.085	0.122	0.102	0.118	0.121	0.123		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Boron	mg/L	-	0.063	0.081	0.073	0.064	0.087	0.06	0.1	0.064		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Calcium	mg/L	-	41.2	43.1	46.0	47.0	42.8	49	44.5	52		
Chloride	mg/L	250	4.98	5.99	5.36	5.15	4.92	5	5	4.91		
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Cobalt	mg/L	0.013	0.006	0.005	<0.001	0.003	<0.001	0.0040	<0.001	<0.005		
Fluoride	mg/L	4.0	<0.125	<0.125	0.182	<0.125	0.163	<0.125	0.2	<0.125		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
Lithium	mg/L	0.040	<0.0050	<0.0050	<0.0050	0.0134	<0.004	<0.005	<0.004	<0.004		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
Sulfate	mg/L	250	32.5	28.7	<1.00	14.5	<1.00	20.7	<1.00	8.15		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010		
TDS	mg/L	500	180	206	185	210	128	262	188	182		
Radium-226	pCi/L	-	-0.0734	0.281	0.0807	0.116	0.121	0.000	0.160	0.0652		
Radium-228	pCi/L	-	0.890	0.569	1.42	0.0930	1.12	0.829	0.325	0.741		
Combined Radium	pCi/L	5	0.890	0.850	1.50	0.209	1.24	0.829	0.485	0.806		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-21				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	36.45	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	30.00	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/6/2019	8/1/2019	9/25/2019	11/19/2019	1/29/2020	3/25/2020	6/24/2020	9/22/2020	4/21/2021	10/4/2021
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0059	0.00729	0.00632	0.00594	0.00866	0.0057	0.0051	0.007	0.0145	0.0083
Barium	mg/L	2.0	0.096	0.119	0.113	0.114	0.120	0.111	0.105	0.111	0.13	0.08
Beryllium	mg/L	0.004	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.14	0.216	0.305	0.268	0.291	0.201	0.265	0.251	0.349	0.277
Cadmium	mg/L	0.005	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	72.0	87.5	81.2	83.0	76.2	84.3	100	84.1	101	79.9
Chloride	mg/L	250	28.0	30.8	36.6	36.5	38.0	21.1	33.2	37.6	25	16.9
Chromium	mg/L	0.100	<0.0011	<0.0010	<0.0010	0.00114	0.00192	0.001	<0.001	<0.001	<0.001	0.001
Cobalt	mg/L	0.013	0.0034	<0.0010	<0.0010	0.00208	0.00289	0.004	0.005	<0.001	0.003	0.005
Fluoride	mg/L	4.0	0.09	0.138	0.125	<0.125	0.229	0.169	<0.125	0.127	0.163	<0.125
Lead	mg/L	0.015	<0.00035	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0018	<0.0050	<0.0050	<0.0050	<0.0050	<0.0250	<0.0050	<0.005	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	<0.0010	<0.0010	0.00186	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	25.0	27.3	18.4	46.0	18.4	49.3	67.6	9.3	51.8	89.5
Thallium	mg/L	0.002	<0.000085	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	220	330	300	296	265	314	369	298	424	294
Radium-226	pCi/L	-	0.127	0.776	0.757	0.674	0.156	0.843	0.557	0.116	0.446	-0.226
Radium-228	pCi/L	-	0.092	0.811	0.718	0.912	0.150	0.715	0.909	0.360	-0.123	0.414
Combined Radium	pCi/L	5	0.219	1.587	1.475	1.590	0.306	1.558	1.470	0.476	0.446	0.414

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-21				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	36.45	SCREEN LENGTH (FT):		10.0	CASING ELEV (FT / MSL)	30.00	WELL TYPE:		II	
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	5/3/2022	10/13/2022	4/11/2023	10/24/2023	4/9/2024	10/16/2024	4/17/2025			
Antimony	mg/L	0.006	<0.0010	<0.0010	0.0055	<0.0010	<0.0010	<0.0010	<0.0010			
Arsenic	mg/L	0.010	0.0134	0.0055	0.09	0.0041	0.0039	0.0026	<0.0050			
Barium	mg/L	2.0	0.109	0.11	<0.0010	0.095	0.079	0.091	0.094			
Beryllium	mg/L	0.004	<0.0010	<0.0010	0.276	<0.0010	<0.0010	<0.0010	<0.0010			
Boron	mg/L	-	0.282	0.273	<0.0010	0.291	0.16	0.256	0.207			
Cadmium	mg/L	0.005	<0.0010	<0.0010	80.1	<0.0010	<0.0010	<0.0010	<0.0010			
Calcium	mg/L	-	87.0	79.2	19.9	74.8	65.2	75.4	80.1			
Chloride	mg/L	250	19.2	27.5	<0.001	19.8	12.3	20.4	17.4			
Chromium	mg/L	0.100	<0.001	0.001	0.001	<0.001	<0.001	0.001	<0.010			
Cobalt	mg/L	0.013	0.004	<0.001	<1.25	<0.001	0.002	<0.001	<0.005			
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	0.129	0.141	<0.125	0.208			
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Lithium	mg/L	0.040	<0.0050	<0.0050	<0.008	<0.004	<0.005	<0.004	<0.004			
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020			
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	0.001	<0.001	0.001	<0.001			
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005			
Sulfate	mg/L	250	81.7	21.2	38.9	19.4	48.5	20.1	58.1			
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
TDS	mg/L	500	313	312	312	252	248	304	278			
Radium-226	pCi/L	-	0.356	0.000	0.393	0.0520	0.134	0.204	-0.292			
Radium-228	pCi/L	-	0.340	0.721	0.382	0.741	0.584	0.0481	0.418			
Combined Radium	pCi/L	5	0.696	0.721	0.775	0.793	0.718	0.252	0.418			

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-22				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	33.55	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	30.24	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/7/2019	7/31/2019	9/26/2019	11/19/2019	1/29/2020	3/23/2020	6/23/2020	9/21/2020	4/20/2021	9/30/2021
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.0027	0.00391	0.00422	0.00577	0.00504	0.0051	0.0046	0.0051	0.0044	0.0060
Barium	mg/L	2.0	0.2	0.138	0.137	0.147	0.177	0.158	0.132	0.136	0.156	0.143
Beryllium	mg/L	0.004	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.12	0.0867	0.0968	0.102	<0.0100	0.091	0.101	0.116	0.1	0.107
Cadmium	mg/L	0.005	<0.00034	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	120	135	134	127	12.4	136	139	31.7	118	132
Chloride	mg/L	250	19.0	17.2	17.3	18.5	17.8	19.7	10.5	13.6	13	10.6
Chromium	mg/L	0.100	<0.0011	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.00910	0.00257	0.00244	0.00159	0.00187	0.002	0.003	0.002	0.003	0.003
Fluoride	mg/L	4.0	0.110	<0.125	<0.125	<0.125	0.206	0.246	<0.125	<0.125	<0.125	<0.125
Lead	mg/L	0.015	<0.00035	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.0012	<0.0050	<0.0050	<0.0050	<0.0050	<0.005	0.174	<0.005	<0.0050	<0.0050
Mercury	mg/L	0.0020	<0.000070	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	<0.0020	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	0.050	<0.00071	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	12.0	21.4	8.6	13.2	5.8	16.2	36.3	15.5	11.7	20.6
Thallium	mg/L	0.002	<0.000085	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	360	420	390	383	364	402	429	434	406	420
Radium-226	pCi/L	-	0.283	0.245	0.637	0.756	0.452	0.179	0.433	0.113	0.0712	0.396
Radium-228	pCi/L	-	0.450	0.801	0.693	0.815	0.309	0.777	0.896	1.020	0.265	0.609
Combined Radium	pCi/L	5	0.733	1.046	1.330	1.570	0.761	0.956	1.330	1.130	0.336	1.01

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-22				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	33.55	SCREEN LENGTH (FT):	10.0	CASING ELEV (FT / MSL)	30.24	WELL TYPE:	II			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	5/2/2022	10/13/2022	4/12/2023	10/24/2023	4/9/2024	10/9/2024	4/15/2025			
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Arsenic	mg/L	0.010	0.0057	0.004	0.0024	0.0036	0.0029	0.0045	<0.0050			
Barium	mg/L	2.0	0.15	0.139	0.139	0.137	0.123	0.135	0.15			
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Boron	mg/L	-	0.106	0.094	0.099	0.102	0.099	0.095	0.103			
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Calcium	mg/L	-	130	114	124	113	123	127	127			
Chloride	mg/L	250	10.8	11	11.6	9.93	9.98	10	10.3			
Chromium	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.010			
Cobalt	mg/L	0.013	0.00200	0.001	<0.001	<0.001	0.002	<0.001	<0.005			
Fluoride	mg/L	4.0	<0.125	<0.125	<0.125	<0.125	0.223	<0.125	<0.125			
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
Lithium	mg/L	0.040	<0.0050	<0.0050	<0.008	<0.004	<0.005	<0.004	<0.004			
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020			
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001			
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.010			
Sulfate	mg/L	250	20.8	2.9	1.42	<1.00	11.0	<1.00	<1.00			
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010			
TDS	mg/L	500	404	393	402	338	384	369	369			
Radium-226	pCi/L	-	0.107	0.386	0.510	0.000	0.705	0.398	0.100			
Radium-228	pCi/L	-	0.356	0.639	0.496	0.229	0.600	0.370	0.096			
Combined Radium	pCi/L	5	0.463	1.03	1.01	0.229	1.31	0.768	0.196			

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-23				
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	43.85	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.86	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	4/8/2019	6/5/2019	8/1/2019	9/27/2019	11/19/2019	1/30/2020	3/23/2020	6/24/2020	9/24/2020	4/22/2021
Antimony	mg/L	0.006	<0.0010	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.042	0.120	0.111	0.193	0.241	0.348	0.305	0.244	0.189	0.3240
Barium	mg/L	2.0	0.12	-	0.0616	0.0529	0.0541	0.0754	0.059	0.066	0.055	0.071
Beryllium	mg/L	0.004	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	8.1	-	9.7	13.2	13.1	13.1	11.3	12.2	11.8	14.2
Cadmium	mg/L	0.005	<0.00034	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	370	-	393	433	481	563	484	557	543	640
Chloride	mg/L	250	350	-	378	349	359	460	454	432	401	483
Chromium	mg/L	0.100	<0.0011	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	0.00059	-	0.00462	0.00371	0.00464	0.01100	0.01100	0.01100	0.00900	0.014
Fluoride	mg/L	4.0	3.20	-	2.07	2.96	0.81	2.05	1.43	1.12	1.76	1.69
Lead	mg/L	0.015	<0.00035	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.100
Lithium	mg/L	0.040	0.2000	0.1200	0.1260	0.2000	0.1970	0.1680	0.1350	0.2510	0.1690	0.154
Mercury	mg/L	0.0020	<0.000070	-	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.210	0.170	0.138	0.222	0.215	0.0701	0.084	0.077	0.092	0.076
Selenium	mg/L	0.050	<0.00071	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	620	-	868	981	1010	1240	1020	1040	1090	1110
Thallium	mg/L	0.002	<0.000085	-	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0050
TDS	mg/L	500	2000	-	2100	2200	2170	2910	2200	2830	2430	2730
Radium-226	pCi/L	-	0.377	-	0.820	0.588	0.225	0.414	0.621	0.869	0.280	0.240
Radium-228	pCi/L	-	0.776	-	0.830	0.898	0.833	0.563	0.771	0.982	1.910	0.539
Combined Radium	pCi/L	5	1.150	-	1.650	1.486	1.060	0.977	1.392	1.850	2.190	0.779

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant			Location:	Leroy, Alabama			WELL ID:	MW-23			
INSTALLATION DATE:	03/21/19	WELL DEPTH (FT-BTOC):	43.85	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	38.86	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	10/1/2021	5/4/2022	10/18/2022	4/18/2023	10/25/2023	4/24/2024	10/16/2024	4/21/2025		
Antimony	mg/L	0.006	<0.0050	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0010	<0.0100		
Arsenic	mg/L	0.010	0.254	0.241	0.1170	0.1860	0.1300	0.197	0.148	0.169		
Barium	mg/L	2.0	0.057	0.071	0.041	0.042	0.034	0.040	0.030	0.035		
Beryllium	mg/L	0.004	<0.0010	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0010	<0.0100		
Boron	mg/L	-	13.1	12.6	7.61	8.68	7.12	8.52	6.8	6.81		
Cadmium	mg/L	0.005	<0.0050	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0010	<0.0100		
Calcium	mg/L	-	561	504	354	396	344	411	340	353		
Chloride	mg/L	250	434	469	43.4	299	211	273	232	218		
Chromium	mg/L	0.100	<0.001	<0.010	<0.010	<0.010	<0.010	<0.010	<0.001	<0.100		
Cobalt	mg/L	0.013	0.011	0.016	<0.010	<0.010	<0.010	<0.010	0.002	<0.050		
Fluoride	mg/L	4.0	2.29	2.21	2.48	2.02	0.367	2.11	1.6	1.88		
Lead	mg/L	0.015	<0.0050	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0010	<0.0100		
Lithium	mg/L	0.040	0.173	0.145	0.136	0.165	0.128	0.171	<0.004	0.132		
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020		
Molybdenum	mg/L	0.100	0.102	0.084	0.132	0.123	0.147	0.167	0.157	0.119		
Selenium	mg/L	0.050	<0.001	<0.010	<0.010	<0.010	<0.010	<0.010	<0.001	<0.050		
Sulfate	mg/L	250	1110	1140	169	983	768	910	1040	755		
Thallium	mg/L	0.002	<0.0050	<0.0100	<0.0100	<0.0100	<0.0100	<0.0100	<0.0010	<0.0100		
TDS	mg/L	500	2860	2930	1780	1950	1620	1960	1530	1600		
Radium-226	pCi/L	-	0.396	0.276	0.0782	0.551	0.173	0.302	-0.0531	0		
Radium-228	pCi/L	-	1.24	0.842	0.725	0.721	0.773	0.475	0.520	1.51		
Combined Radium	pCi/L	5	1.64	1.12	0.803	1.27	0.946	0.777	0.520	1.51		

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-24				
INSTALLATION DATE:	04/06/20	WELL DEPTH (FT-BTOC):	53.08	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	40.84	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	6/24/2020	9/22/2020	4/21/2021	9/28/2021	5/3/2022	10/18/2022	4/13/2023	10/26/2023	4/23/2024	10/16/2024
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	0.002	0.003	0.001	0.001	0.002	<0.0100	0.0033	0.002	<0.0010	0.0019
Barium	mg/L	2.0	0.061	0.071	0.124	0.056	0.14	0.162	0.121	0.128	0.149	0.152
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	11.5	8.45	7.8	2.65	4.93	5.34	1.83	3.11	3.07	3.08
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0500	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	506	403	393	143	222	242	122	170	163	172
Chloride	mg/L	250	338	270	267	60.9	130	28.6	75.4	95.2	91.3	91.1
Chromium	mg/L	0.100	0.002	<0.001	<0.001	<0.001	<0.001	<0.050	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	<0.001	0.00200	0.005	<0.001	0.002	<0.050	0.004	0.00100	0.00200	0.001
Fluoride	mg/L	4.0	0.345	0.969	0.713	1.31	0.88	0.321	1.11	1.55	1.5	1.43
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0500	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	0.1500	0.1430	0.1990	0.1140	0.1360	0.1050	0.0744	0.0709	0.1150	<0.004
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.009	0.019	0.007	0.004	0.011	<0.050	0.008	0.014	0.008	0.011
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.001	<0.001	<0.010	<0.001	<0.001	<0.001	<0.001
Sulfate	mg/L	250	1110	851	717	204	375	106	214	372	261	418
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0500	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	2310	1930	1810	682	1080	1240	543	853	823	786
Radium-226	pCi/L	-	0.538	0.227	0.174	0.0721	0.752	0.595	0.0634	0.297	0.000	0.388
Radium-228	pCi/L	-	1.280	0.604	1.57	0.814	0.525	0.747	0.700	0.892	0.921	0.303
Combined Radium	pCi/L	5	1.820	0.831	1.74	0.886	1.28	1.34	0.763	1.19	0.921	0.691

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-25				
INSTALLATION DATE:	04/07/20	WELL DEPTH (FT-BTOC):	51.12	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	39.65	WELL TYPE:	II			
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	6/24/2020	9/23/2020	4/22/2021	10/5/2021	5/4/2022	10/13/2022	4/13/2023	10/26/2023	4/23/2024	10/16/2024
Antimony	mg/L	0.006	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0100	<0.0100	<0.0100
Arsenic	mg/L	0.010	0.002	<0.0050	0.022	0.007	0.012	<0.0100	0.0146	<0.0100	0.010	<0.0100
Barium	mg/L	2.0	0.049	0.042	0.056	0.046	0.044	0.054	0.036	0.049	0.038	0.048
Beryllium	mg/L	0.004	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0100	<0.0100	<0.0100
Boron	mg/L	-	16.6	17.8	11.1	12.6	9.91	15.2	9.05	13.5	9.61	14.6
Cadmium	mg/L	0.005	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0100	<0.0100	<0.0100
Calcium	mg/L	-	538	589	282	325	239	492	261	514	298	564
Chloride	mg/L	250	424	402	229	277	218	330	232	246	315	269
Chromium	mg/L	0.100	0.001	<0.005	<0.001	<0.001	<0.001	<0.010	<0.001	<0.010	<0.010	<0.010
Cobalt	mg/L	0.013	0.02100	0.01700	<0.001	0.003	0.001	0.01100	0.001	0.01100	<0.010	<0.010
Fluoride	mg/L	4.0	0.576	0.72	1.05	0.759	0.34	0.563	0.719	0.365	0.997	0.45
Lead	mg/L	0.015	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0100	<0.0100	<0.0100
Lithium	mg/L	0.040	<0.0050	0.1850	0.1500	0.1200	0.1200	0.1490	0.127	0.1390	0.1410	<0.004
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.051	0.182	0.078	0.047	0.074	0.076	0.093	0.081	0.08	0.1
Selenium	mg/L	0.050	<0.001	<0.005	<0.001	<0.001	<0.001	<0.010	<0.001	<0.010	<0.010	<0.010
Sulfate	mg/L	250	1220	1330	716	919	693	1360	708	1220	931	1600
Thallium	mg/L	0.002	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0100	<0.0100	<0.0100
TDS	mg/L	500	2620	2850	1550	1820	1590	2740	1360	2750	1620	2680
Radium-226	pCi/L	-	0.533	0.261	0.000	0.269	0.0545	-0.0651	0.204	-0.124	0.143	0.000
Radium-228	pCi/L	-	1.120	0.636	1.83	0.513	0.553	0.600	1.31	1.21	0.789	0.261
Combined Radium	pCi/L	5	1.650	0.897	1.83	0.782	0.608	0.600	1.51	1.21	0.932	0.261

Monitoring Point Data Summary Table												
SITE NAME:	Charles R. Lowman Power Plant		Location:	Leroy, Alabama			WELL ID:	MW-26				
INSTALLATION DATE:	04/07/20	WELL DEPTH (FT-BTOC):	42.35	SCREEN LENGTH (FT):	15.0	CASING ELEV (FT / MSL)	33.94	WELL TYPE:		II		
Notes: BTOC (Below Top of Casing); MSL (Mean Sea Level);												
			Sample Date									
Constituent	Units	GWPS	6/24/2020	9/24/2020	4/22/2021	10/5/2021	5/4/2022	10/18/2022	4/18/2023	10/26/2023	4/23/2024	10/16/2024
Antimony	mg/L	0.006	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Arsenic	mg/L	0.010	<0.0010	<0.0050	<0.0010	0.001	0.001	<0.0010	0.001	<0.0010	<0.0010	<0.0010
Barium	mg/L	2.0	0.095	0.086	0.132	0.149	0.131	0.116	0.096	0.115	0.104	0.101
Beryllium	mg/L	0.004	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Boron	mg/L	-	0.195	0.354	0.3	0.373	0.448	0.529	0.265	0.443	0.239	0.354
Cadmium	mg/L	0.005	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Calcium	mg/L	-	50.5	44.6	79.7	95.1	85.1	75.2	61.6	68.4	65.3	71.7
Chloride	mg/L	250	4.45	6.27	5.27	11.9	12	19.3	3.19	21.6	5.63	24.8
Chromium	mg/L	0.100	0.001	<0.005	0.001	0.001	0.001	<0.005	0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	0.013	<0.001	<0.005	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001
Fluoride	mg/L	4.0	0.144	0.17	0.173	<0.125	<0.125	0.142	0.144	0.161	0.178	0.225
Lead	mg/L	0.015	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Lithium	mg/L	0.040	<0.0050	<0.005	<0.0050	<0.0050	<0.0050	<0.0050	<0.008	<0.004	<0.005	<0.004
Mercury	mg/L	0.0020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Molybdenum	mg/L	0.100	0.006	0.006	0.005	0.006	0.006	0.005	0.006	0.004	0.005	0.003
Selenium	mg/L	0.050	0.008	0.006	0.03	0.017	0.02	0.004	0.014	0.004	0.014	0.005
Sulfate	mg/L	250	29	38.3	40.4	89.2	101	109	44	92.8	52.2	102
Thallium	mg/L	0.002	<0.0010	<0.0050	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
TDS	mg/L	500	224	202	272	368	396	338	263	304	264	322
Radium-226	pCi/L	-	0.562	0.307	0.145	0.122	0.110	0.140	0.284	0.000	0.250	0.161
Radium-228	pCi/L	-	0.762	0.009	0.976	0.621	0.296	0.576	0.559	0.418	0.766	0.101
Combined Radium	pCi/L	5	1.320	0.316	1.12	0.743	0.406	0.716	0.843	0.418	1.02	0.262

APPENDIX E

APRIL 2025 ASSESSMENT MONITORING

LABORATORY REPORTS

5/16/2025

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL, 36420

Ref: Analytical Testing
Lab Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Dear Mr. Alan Barck:

Waypoint Analytical, LLC (Andalusia) received sample(s) on 4/15/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

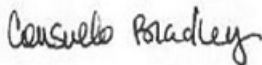
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Consuelo C Bradley

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	SC #84002
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #80215	PA DEP #68-03195

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97818	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	6020A	505
97818	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	6020B	WP MTN
97818	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	7470A	WP MTN
97818	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	2540C-2011	WP MTN
97818	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	9056A	WP MTN
97819	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	6020A	505
97819	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	2540C-2011	WP MTN
97819	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	7470A	WP MTN
97819	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	6020B	WP MTN
97819	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	9056A	WP MTN
97820	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	6020A	505
97820	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	7470A	WP MTN
97820	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	6020B	WP MTN
97820	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	9056A	WP MTN
97820	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	2540C-2011	WP MTN
97821	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	6020A	505
97821	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	7470A	WP MTN
97821	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	9056A	WP MTN
97821	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	6020B	WP MTN
97821	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	2540C-2011	WP MTN
97822	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	6020A	505
97822	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	7470A	WP MTN
97822	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	9056A	WP MTN
97822	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	6020B	WP MTN
97822	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	2540C-2011	WP MTN
97823	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	6020A	505

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503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97823	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	9056A	WP MTN
97823	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	7470A	WP MTN
97823	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	6020B	WP MTN
97823	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	2540C-2011	WP MTN
97824	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	6020A	505
97824	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	2540C-2011	WP MTN
97824	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	9056A	WP MTN
97824	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	7470A	WP MTN
97824	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	6020B	WP MTN
97825	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	6020A	505
97825	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	9056A	WP MTN
97825	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	7470A	WP MTN
97825	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	6020B	WP MTN
97825	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	2540C-2011	WP MTN
97826	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	6020A	505
97826	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	9056A	WP MTN
97826	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	7470A	WP MTN
97826	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	6020B	WP MTN
97826	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	2540C-2011	WP MTN
97827	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	6020A	505
97827	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	9056A	WP MTN
97827	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	7470A	WP MTN
97827	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	6020B	WP MTN
97827	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	2540C-2011	WP MTN
97828	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	6020A	505
97828	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	9056A	WP MTN

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503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97828	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	7470A	WP MTN
97828	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	6020B	WP MTN
97828	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	2540C-2011	WP MTN
97855	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	6020A	505
97855	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	9056A	WP MTN
97855	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	7470A	WP MTN
97855	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	6020B	WP MTN
97855	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	2540C-2011	WP MTN
97856	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	6020A	505
97856	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	6020B	WP MTN
97856	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	2540C-2011	WP MTN
97856	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	9056A	WP MTN
97856	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	7470A	WP MTN
97857	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	6020A	505
97857	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	9056A	WP MTN
97857	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	7470A	WP MTN
97857	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	6020B	WP MTN
97857	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	2540C-2011	WP MTN
97858	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	6020A	505
97858	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	9056A	WP MTN
97858	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	7470A	WP MTN
97858	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	6020B	WP MTN
97858	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	2540C-2011	WP MTN
97893	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	6020A	505
97893	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	9056A	WP MTN
97893	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	7470A	WP MTN

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503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97893	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	6020B	WP MTN
97893	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	2540C-2011	WP MTN
97894	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	6020A	505
97894	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	9056A	WP MTN
97894	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	7470A	WP MTN
97894	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	6020B	WP MTN
97894	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	2540C-2011	WP MTN
97895	MW-22	Aqueous	04/15/2025 08:15	04/15/2025 10:00	6020A	505
97895	MW-22	Aqueous	04/15/2025 08:15	04/15/2025 10:00	9056A	WP MTN
97895	MW-22	Aqueous	04/15/2025 08:15	04/15/2025 10:00	7470A	WP MTN
97895	MW-22	Aqueous	04/15/2025 08:15	04/15/2025 10:00	6020B	WP MTN
97895	MW-22	Aqueous	04/15/2025 08:15	04/15/2025 10:00	2540C-2011	WP MTN
97896	MW-6	Aqueous	04/15/2025 09:35	04/15/2025 10:00	6020A	505
97896	MW-6	Aqueous	04/15/2025 09:35	04/15/2025 10:00	9056A	WP MTN
97896	MW-6	Aqueous	04/15/2025 09:35	04/15/2025 10:00	7470A	WP MTN
97896	MW-6	Aqueous	04/15/2025 09:35	04/15/2025 10:00	6020B	WP MTN
97896	MW-6	Aqueous	04/15/2025 09:35	04/15/2025 10:00	2540C-2011	WP MTN
97897	MW-1	Aqueous	04/15/2025 12:30	04/15/2025 10:00	6020A	505
97897	MW-1	Aqueous	04/15/2025 12:30	04/15/2025 10:00	9056A	WP MTN
97897	MW-1	Aqueous	04/15/2025 12:30	04/15/2025 10:00	7470A	WP MTN
97897	MW-1	Aqueous	04/15/2025 12:30	04/15/2025 10:00	6020B	WP MTN
97897	MW-1	Aqueous	04/15/2025 12:30	04/15/2025 10:00	2540C-2011	WP MTN
97898	MW-3	Aqueous	04/15/2025 10:40	04/15/2025 10:00	6020A	505
97898	MW-3	Aqueous	04/15/2025 10:40	04/15/2025 10:00	9056A	WP MTN
97898	MW-3	Aqueous	04/15/2025 10:40	04/15/2025 10:00	7470A	WP MTN
97898	MW-3	Aqueous	04/15/2025 10:40	04/15/2025 10:00	6020B	WP MTN

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503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97898	MW-3	Aqueous	04/15/2025 10:40	04/15/2025 10:00	2540C-2011	WP MTN
97936	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	6020A	505
97936	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	9056A	WP MTN
97936	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	7470A	WP MTN
97936	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	6020B	WP MTN
97936	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	2540C-2011	WP MTN
97937	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	6020A	505
97937	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	9056A	WP MTN
97937	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	7470A	WP MTN
97937	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	6020B	WP MTN
97937	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	2540C-2011	WP MTN
97938	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	6020A	505
97938	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	9056A	WP MTN
97938	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	7470A	WP MTN
97938	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	6020B	WP MTN
97938	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	2540C-2011	WP MTN
97939	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	6020A	505
97939	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	9056A	WP MTN
97939	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	7470A	WP MTN
97939	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	6020B	WP MTN
97939	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	2540C-2011	WP MTN
97940	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	6020A	505
97940	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	2540C-2011	WP MTN
97940	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	9056A	WP MTN
97940	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	7470A	WP MTN
97940	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	6020B	WP MTN

505 : Test America Laboratory - PA, Pittsburgh, PA

503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
98040	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	6020A	505
98040	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	9056A	WP MTN
98040	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	7470A	WP MTN
98040	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	6020B	WP MTN
98040	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	2540C-2011	WP MTN
98041	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	6020A	505
98041	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	9056A	WP MTN
98041	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	7470A	WP MTN
98041	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	6020B	WP MTN
98041	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	2540C-2011	WP MTN
98042	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	6020A	505
98042	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	9056A	WP MTN
98042	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	7470A	WP MTN
98042	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	6020B	WP MTN
98042	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	2540C-2011	WP MTN
98043	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	6020A	505
98043	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	9056A	WP MTN
98043	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	7470A	WP MTN
98043	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	6020B	WP MTN
98043	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	2540C-2011	WP MTN
98044	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	6020A	505
98044	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	9056A	WP MTN
98044	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	7470A	WP MTN
98044	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	6020B	WP MTN
98044	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	2540C-2011	WP MTN
98045	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	6020A	505

505 : Test America Laboratory - PA, Pittsburgh, PA

503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

Sample Summary Table

Report Number: 25-105-0004
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
98045	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	9056A	WP MTN
98045	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	7470A	WP MTN
98045	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	6020B	WP MTN
98045	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	2540C-2011	WP MTN
98046	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	6020A	505
98046	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	9056A	WP MTN
98046	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	7470A	WP MTN
98046	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	6020B	WP MTN
98046	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	2540C-2011	WP MTN
98047	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	6020A	505
98047	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	9056A	WP MTN
98047	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	7470A	WP MTN
98047	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	6020B	WP MTN
98047	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	2540C-2011	WP MTN

505 : Test America Laboratory - PA, Pittsburgh, PA

503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97818**

Matrix: **Aqueous**

Sample ID : **MW-5**

Sampled: **4/10/2025 16:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	154	mg/L	10.0	10	04/18/25 21:52	HMQ	9056A
Chloride	54.7	mg/L	0.400	1	04/18/25 21:39	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 21:39	HMQ	9056A
Total Dissolved Solids	547	mg/L	51.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:26	BKN	6020B
Arsenic	0.0075	mg/L	0.0010	1	04/26/25 12:26	BKN	6020B
Barium	0.147	mg/L	0.001	1	04/26/25 12:26	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:26	BKN	6020B
Boron	1.41	mg/L	0.100	10	04/29/25 20:52	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 12:26	BKN	6020B
Calcium	93.3	mg/L	2.00	10	04/29/25 20:52	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 12:26	BKN	6020B
Cobalt	0.012	mg/L	0.001	1	04/26/25 12:26	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:26	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:19	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 20:45	BKN	6020B
Selenium	0.002	mg/L	0.001	1	04/26/25 12:26	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:26	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97819**

Matrix: **Aqueous**

Sample ID : **MW-9**

Sampled: **4/10/2025 14:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	419	mg/L	10.0	10	04/18/25 22:18	HMQ	9056A
Chloride	79.7	mg/L	0.400	1	04/18/25 22:05	HMQ	9056A
Fluoride (w/o distillation)	0.178	mg/L	0.125	1	04/18/25 22:05	HMQ	9056A
Total Dissolved Solids	1100	mg/L	49.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:32	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/26/25 12:32	BKN	6020B
Barium	0.071	mg/L	0.001	1	04/26/25 12:32	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:32	BKN	6020B
Boron	4.46	mg/L	0.200	20	04/29/25 21:02	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 12:32	BKN	6020B
Calcium	241	mg/L	4.00	20	04/29/25 21:02	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 12:32	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/26/25 12:32	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:32	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:20	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 20:56	BKN	6020B
Selenium	0.001	mg/L	0.001	1	04/26/25 12:32	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:32	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97820**

Matrix: **Aqueous**

Sample ID : **MW-12**

Sampled: **4/10/2025 11:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	200	mg/L	10.0	10	04/18/25 22:43	HMQ	9056A
Chloride	32.4	mg/L	0.400	1	04/18/25 22:31	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 22:31	HMQ	9056A
Total Dissolved Solids	488	mg/L	50.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:39	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/26/25 12:39	BKN	6020B
Barium	0.030	mg/L	0.001	1	04/26/25 12:39	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:39	BKN	6020B
Boron	0.452	mg/L	0.010	1	04/26/25 12:39	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 12:39	BKN	6020B
Calcium	91.8	mg/L	2.00	10	04/29/25 21:14	BKN	6020B
Chromium	0.003	mg/L	0.001	1	04/26/25 12:39	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/26/25 12:39	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:39	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:22	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 21:07	BKN	6020B
Selenium	0.002	mg/L	0.001	1	04/26/25 12:39	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:39	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97821**

Matrix: **Aqueous**

Sample ID : **MW-12A**

Sampled: **4/10/2025 10:55**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	184	mg/L	10.0	10	04/18/25 23:09	HMQ	9056A
Chloride	33.7	mg/L	0.400	1	04/18/25 22:56	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 22:56	HMQ	9056A
Total Dissolved Solids	454	mg/L	50.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:43	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/26/25 12:43	BKN	6020B
Barium	0.033	mg/L	0.001	1	04/26/25 12:43	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:43	BKN	6020B
Boron	0.120	mg/L	0.010	1	04/26/25 12:43	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 12:43	BKN	6020B
Calcium	81.6	mg/L	2.00	10	04/29/25 21:23	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 12:43	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/26/25 12:43	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:43	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:35	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 21:18	BKN	6020B
Selenium	0.001	mg/L	0.001	1	04/26/25 12:43	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:43	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97822**
Sample ID : **MW-13A**

Matrix: **Aqueous**
Sampled: **4/10/2025 14:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	121	mg/L	1.00	1	04/18/25 23:22	HMQ	9056A
Chloride	95.7	mg/L	0.400	1	04/18/25 23:22	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 23:22	HMQ	9056A
Total Dissolved Solids	378	mg/L	50.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:47	BKN	6020B
Arsenic	0.0060	mg/L	0.0010	1	04/26/25 12:47	BKN	6020B
Barium	0.126	mg/L	0.001	1	04/26/25 12:47	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:47	BKN	6020B
Boron	0.302	mg/L	0.010	1	04/26/25 12:47	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 12:47	BKN	6020B
Calcium	38.5	mg/L	2.00	10	04/29/25 21:32	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 12:47	BKN	6020B
Cobalt	0.019	mg/L	0.001	1	04/26/25 12:47	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:47	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:36	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 21:27	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 12:47	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:47	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97823**

Matrix: **Aqueous**

Sample ID : **MW-14**

Sampled: **4/10/2025 17:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	81.6	mg/L	1.00	1	04/18/25 14:55	HMQ	9056A
Chloride	34.1	mg/L	0.400	1	04/18/25 14:55	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 14:55	HMQ	9056A
Total Dissolved Solids	432	mg/L	53.1	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:52	BKN	6020B
Arsenic	0.0050	mg/L	0.0010	1	04/26/25 12:52	BKN	6020B
Barium	0.118	mg/L	0.001	1	04/26/25 12:52	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:52	BKN	6020B
Boron	0.705	mg/L	0.010	1	04/26/25 12:52	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 12:52	BKN	6020B
Calcium	86.9	mg/L	2.00	10	04/29/25 21:50	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 12:52	BKN	6020B
Cobalt	0.046	mg/L	0.001	1	04/26/25 12:52	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:52	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:37	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 21:46	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 12:52	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:52	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97824**

Matrix: **Aqueous**

Sample ID : **MW-14B**

Sampled: **4/11/2025 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	65.1	mg/L	1.00	1	04/18/25 15:19	HMQ	9056A
Chloride	61.2	mg/L	0.400	1	04/18/25 15:19	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 15:19	HMQ	9056A
Total Dissolved Solids	324	mg/L	51.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 12:56	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/26/25 12:56	BKN	6020B
Barium	0.136	mg/L	0.001	1	04/26/25 12:56	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 12:56	BKN	6020B
Boron	0.176	mg/L	0.010	1	04/26/25 12:56	BKN	6020B
Cadmium	0.0102	mg/L	0.0010	1	04/26/25 12:56	BKN	6020B
Calcium	37.5	mg/L	0.200	1	04/26/25 12:56	BKN	6020B
Chromium	0.002	mg/L	0.001	1	04/26/25 12:56	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/26/25 12:56	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 12:56	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:39	JW2	7470A
Molybdenum	0.016	mg/L	0.001	1	04/29/25 21:54	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 12:56	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 12:56	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97825**

Matrix: **Aqueous**

Sample ID : **MW-15**

Sampled: **4/11/2025 07:50**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	20.7	mg/L	1.00	1	04/18/25 15:43	HMQ	9056A
Chloride	5.12	mg/L	0.400	1	04/18/25 15:43	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 15:43	HMQ	9056A
Total Dissolved Solids	<51.0	mg/L	51.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 13:01	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/26/25 13:01	BKN	6020B
Barium	0.055	mg/L	0.001	1	04/26/25 13:01	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 13:01	BKN	6020B
Boron	0.031	mg/L	0.010	1	04/26/25 13:01	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 13:01	BKN	6020B
Calcium	9.82	mg/L	0.200	1	04/26/25 13:01	BKN	6020B
Chromium	0.001	mg/L	0.001	1	04/26/25 13:01	BKN	6020B
Cobalt	0.004	mg/L	0.001	1	04/26/25 13:01	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 13:01	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:40	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 21:59	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 13:01	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 13:01	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97826**

Matrix: **Aqueous**

Sample ID : **MW-16**

Sampled: **4/11/2025 08:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	39.3	mg/L	1.00	1	04/18/25 16:06	HMQ	9056A
Chloride	23.8	mg/L	0.400	1	04/18/25 16:06	HMQ	9056A
Fluoride (w/o distillation)	0.128	mg/L	0.125	1	04/18/25 16:06	HMQ	9056A
Total Dissolved Solids	233	mg/L	52.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 13:05	BKN	6020B
Arsenic	0.0011	mg/L	0.0010	1	04/26/25 13:05	BKN	6020B
Barium	0.092	mg/L	0.001	1	04/26/25 13:05	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 13:05	BKN	6020B
Boron	0.371	mg/L	0.010	1	04/26/25 13:05	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 13:05	BKN	6020B
Calcium	49.1	mg/L	2.00	10	04/29/25 22:08	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 13:05	BKN	6020B
Cobalt	0.010	mg/L	0.001	1	04/26/25 13:05	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 13:05	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:42	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 22:03	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 13:05	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 13:05	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97827**

Matrix: **Aqueous**

Sample ID : **MW-18**

Sampled: **4/11/2025 09:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	3.54	mg/L	1.00	1	04/18/25 16:30	HMQ	9056A
Chloride	9.95	mg/L	0.400	1	04/18/25 16:30	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 16:30	HMQ	9056A
Total Dissolved Solids	243	mg/L	51.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/29/25 22:12	BKN	6020B
Arsenic	0.0069	mg/L	0.0010	1	04/26/25 13:19	BKN	6020B
Barium	0.197	mg/L	0.001	1	04/26/25 13:19	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 13:19	BKN	6020B
Boron	0.068	mg/L	0.010	1	04/26/25 13:19	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 13:19	BKN	6020B
Calcium	43.2	mg/L	2.00	10	04/29/25 22:17	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 13:19	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/26/25 13:19	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 13:19	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:46	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 22:12	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 13:19	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 13:19	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97828**

Matrix: **Aqueous**

Sample ID : **MW-19**

Sampled: **4/10/2025 15:55**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	42.6	mg/L	1.00	1	04/18/25 17:17	HMQ	9056A
Chloride	6.89	mg/L	0.400	1	04/18/25 17:17	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 17:17	HMQ	9056A
Total Dissolved Solids	160	mg/L	50.0	1	04/17/25 17:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/26/25 13:23	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/26/25 13:23	BKN	6020B
Barium	0.043	mg/L	0.001	1	04/26/25 13:23	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/26/25 13:23	BKN	6020B
Boron	0.127	mg/L	0.010	1	04/26/25 13:23	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/26/25 13:23	BKN	6020B
Calcium	23.4	mg/L	0.200	1	04/26/25 13:23	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/26/25 13:23	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/26/25 13:23	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/26/25 13:23	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:48	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/29/25 22:43	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/26/25 13:23	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/26/25 13:23	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97855**

Matrix: **Aqueous**

Sample ID : **MW-4R**

Sampled: **4/15/2025 11:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	370	mg/L	10.0	10	04/18/25 17:53	HMQ	9056A
Chloride	81.8	mg/L	4.00	10	04/18/25 17:53	HMQ	9056A
Fluoride (w/o distillation)	0.138	mg/L	0.125	1	04/18/25 17:41	HMQ	9056A
Total Dissolved Solids	694	mg/L	80.6	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/30/25 23:13	BKN	6020B
Arsenic	0.0030	mg/L	0.0010	1	05/08/25 16:07	BKN	6020B
Barium	0.084	mg/L	0.001	1	04/30/25 23:13	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/30/25 23:13	BKN	6020B
Boron	2.41	mg/L	0.050	5	05/08/25 16:13	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/30/25 23:13	BKN	6020B
Calcium	115	mg/L	2.00	10	05/08/25 16:18	BKN	6020B
Chromium	<0.002	mg/L	0.002	1	05/08/25 16:07	BKN	6020B
Cobalt	0.027	mg/L	0.001	1	05/08/25 16:07	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/30/25 23:13	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:49	JW2	7470A
Molybdenum	0.002	mg/L	0.001	1	05/08/25 16:07	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	05/08/25 16:07	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/30/25 23:13	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97856**

Matrix: **Aqueous**

Sample ID : **MW-8**

Sampled: **4/15/2025 15:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	18.3	mg/L	1.00	1	04/18/25 18:05	HMQ	9056A
Chloride	26.7	mg/L	0.400	1	04/18/25 18:05	HMQ	9056A
Fluoride (w/o distillation)	0.242	mg/L	0.125	1	04/18/25 18:05	HMQ	9056A
Total Dissolved Solids	192	mg/L	50.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/30/25 23:19	BKN	6020B
Arsenic	0.0111	mg/L	0.0010	1	04/30/25 23:19	BKN	6020B
Barium	0.076	mg/L	0.001	1	04/30/25 23:19	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/30/25 23:19	BKN	6020B
Boron	0.226	mg/L	0.010	1	04/30/25 23:19	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/30/25 23:19	BKN	6020B
Calcium	56.9	mg/L	1.00	5	05/08/25 16:22	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/30/25 23:19	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/30/25 23:19	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/30/25 23:19	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:50	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/30/25 23:19	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/30/25 23:19	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/30/25 23:19	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97857**

Matrix: **Aqueous**

Sample ID : **MW-10**

Sampled: **4/15/2025 13:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	291	mg/L	10.0	10	04/18/25 18:40	HMQ	9056A
Chloride	80.3	mg/L	0.400	1	04/18/25 18:28	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 18:28	HMQ	9056A
Total Dissolved Solids	538	mg/L	50.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/30/25 23:24	BKN	6020B
Arsenic	<0.0100	mg/L	0.0100	10	05/08/25 16:31	BKN	6020B
Barium	0.036	mg/L	0.001	1	04/30/25 23:24	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/30/25 23:24	BKN	6020B
Boron	0.581	mg/L	0.010	1	04/30/25 23:24	BKN	6020B
Cadmium	0.0010	mg/L	0.0010	1	04/30/25 23:24	BKN	6020B
Calcium	103	mg/L	2.00	10	05/08/25 16:31	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 16:26	BKN	6020B
Cobalt	<0.005	mg/L	0.005	5	05/08/25 16:26	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/30/25 23:24	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:52	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/30/25 23:24	BKN	6020B
Selenium	0.005	mg/L	0.005	5	05/08/25 16:26	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/30/25 23:24	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97858**

Matrix: **Aqueous**

Sample ID : **MW-20**

Sampled: **4/15/2025 14:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	8.15	mg/L	1.00	1	04/18/25 18:52	HMQ	9056A
Chloride	4.91	mg/L	0.400	1	04/18/25 18:52	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 18:52	HMQ	9056A
Total Dissolved Solids	182	mg/L	50.5	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/30/25 23:30	BKN	6020B
Arsenic	0.0251	mg/L	0.0010	1	04/30/25 23:30	BKN	6020B
Barium	0.123	mg/L	0.001	1	04/30/25 23:30	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/30/25 23:30	BKN	6020B
Boron	0.064	mg/L	0.010	1	04/30/25 23:30	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/30/25 23:30	BKN	6020B
Calcium	52.0	mg/L	1.00	5	05/08/25 16:35	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/30/25 23:30	BKN	6020B
Cobalt	<0.005	mg/L	0.005	5	05/08/25 16:35	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/30/25 23:30	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:53	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/30/25 23:30	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	04/30/25 23:30	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/30/25 23:30	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97893**

Matrix: **Aqueous**

Sample ID : **MW-7**

Sampled: **4/15/2025 16:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	25.4	mg/L	1.00	1	04/18/25 19:39	HMQ	9056A
Chloride	1.86	mg/L	0.400	1	04/18/25 19:39	HMQ	9056A
Fluoride (w/o distillation)	1.51	mg/L	0.125	1	04/18/25 19:39	HMQ	9056A
Total Dissolved Solids	241	mg/L	49.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/30/25 23:34	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	04/30/25 23:34	BKN	6020B
Barium	0.113	mg/L	0.001	1	04/30/25 23:34	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/30/25 23:34	BKN	6020B
Boron	0.307	mg/L	0.010	1	04/30/25 23:34	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/30/25 23:34	BKN	6020B
Calcium	60.9	mg/L	1.00	5	05/08/25 16:40	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	04/30/25 23:34	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	04/30/25 23:34	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/30/25 23:34	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:55	JW2	7470A
Molybdenum	0.008	mg/L	0.001	1	05/08/25 16:55	BKN	6020B
Selenium	0.012	mg/L	0.001	1	04/30/25 23:34	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/30/25 23:34	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97894**

Matrix: **Aqueous**

Sample ID : **MW-14A**

Sampled: **4/15/2025 17:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	39.6	mg/L	1.00	1	04/18/25 20:03	HMQ	9056A
Chloride	26.5	mg/L	0.400	1	04/18/25 20:03	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 20:03	HMQ	9056A
Total Dissolved Solids	332	mg/L	50.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	04/30/25 23:39	BKN	6020B
Arsenic	<0.0050	mg/L	0.0050	5	05/08/25 16:59	BKN	6020B
Barium	0.093	mg/L	0.001	1	04/30/25 23:39	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	04/30/25 23:39	BKN	6020B
Boron	0.520	mg/L	0.010	1	04/30/25 23:39	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	04/30/25 23:39	BKN	6020B
Calcium	82.1	mg/L	1.00	5	05/08/25 16:59	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 16:59	BKN	6020B
Cobalt	0.034	mg/L	0.005	5	05/08/25 16:59	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	04/30/25 23:39	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:56	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	04/30/25 23:39	BKN	6020B
Selenium	<0.005	mg/L	0.005	5	05/08/25 16:59	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	04/30/25 23:39	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97895**

Matrix: **Aqueous**

Sample ID : **MW-22**

Sampled: **4/15/2025 08:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	<1.00	mg/L	1.00	1	04/18/25 20:27	HMQ	9056A
Chloride	10.3	mg/L	0.400	1	04/18/25 20:27	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 20:27	HMQ	9056A
Total Dissolved Solids	369	mg/L	51.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 00:34	BKN	6020B
Arsenic	<0.0050	mg/L	0.0050	5	05/08/25 17:26	BKN	6020B
Barium	0.150	mg/L	0.001	1	05/01/25 00:34	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 00:34	BKN	6020B
Boron	0.103	mg/L	0.010	1	05/01/25 00:34	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 00:34	BKN	6020B
Calcium	127	mg/L	2.00	10	05/08/25 17:30	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 17:26	BKN	6020B
Cobalt	<0.005	mg/L	0.005	5	05/08/25 17:26	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 00:34	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:58	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	05/01/25 00:34	BKN	6020B
Selenium	<0.010	mg/L	0.010	10	05/08/25 17:30	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 00:34	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97896**

Matrix: **Aqueous**

Sample ID : **MW-6**

Sampled: **4/15/2025 09:35**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	100	mg/L	1.00	1	04/18/25 20:50	HMQ	9056A
Chloride	7.18	mg/L	0.400	1	04/18/25 20:50	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 20:50	HMQ	9056A
Total Dissolved Solids	286	mg/L	51.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 00:40	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	05/01/25 00:40	BKN	6020B
Barium	0.045	mg/L	0.001	1	05/01/25 00:40	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 00:40	BKN	6020B
Boron	0.131	mg/L	0.010	1	05/01/25 00:40	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 00:40	BKN	6020B
Calcium	73.1	mg/L	1.00	5	05/08/25 17:35	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	05/01/25 00:40	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	05/01/25 00:40	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 00:40	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 15:59	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	05/01/25 00:40	BKN	6020B
Selenium	0.011	mg/L	0.001	1	05/01/25 00:40	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 00:40	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97897**

Matrix: **Aqueous**

Sample ID : **MW-1**

Sampled: **4/15/2025 12:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	31.1	mg/L	1.00	1	04/18/25 21:14	HMQ	9056A
Chloride	2.01	mg/L	0.400	1	04/18/25 21:14	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 21:14	HMQ	9056A
Total Dissolved Solids	160	mg/L	50.0	1	04/22/25 09:00	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 00:45	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	05/01/25 00:45	BKN	6020B
Barium	0.105	mg/L	0.001	1	05/01/25 00:45	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 00:45	BKN	6020B
Boron	0.021	mg/L	0.010	1	05/01/25 00:45	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 00:45	BKN	6020B
Calcium	35.6	mg/L	0.200	1	05/01/25 00:45	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	05/01/25 00:45	BKN	6020B
Cobalt	0.007	mg/L	0.001	1	05/01/25 00:45	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 00:45	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 16:03	JW2	7470A
Molybdenum	0.003	mg/L	0.001	1	05/08/25 17:50	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	05/01/25 00:45	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 00:45	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97898**

Matrix: **Aqueous**

Sample ID : **MW-3**

Sampled: **4/15/2025 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	18.7	mg/L	1.00	1	04/18/25 22:02	HMQ	9056A
Chloride	2.88	mg/L	0.400	1	04/18/25 22:02	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/18/25 22:02	HMQ	9056A
Total Dissolved Solids	81.0	mg/L	33.7	1	04/22/25 09:00	CAH	2540C-2011
Antimony	0.0037	mg/L	0.0010	1	05/01/25 00:59	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	05/01/25 00:59	BKN	6020B
Barium	0.078	mg/L	0.001	1	05/01/25 00:59	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 00:59	BKN	6020B
Boron	0.020	mg/L	0.010	1	05/01/25 00:59	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 00:59	BKN	6020B
Calcium	11.5	mg/L	0.200	1	05/01/25 00:59	BKN	6020B
Chromium	0.002	mg/L	0.001	1	05/01/25 00:59	BKN	6020B
Cobalt	0.014	mg/L	0.001	1	05/01/25 00:59	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 00:59	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 16:05	JW2	7470A
Molybdenum	0.002	mg/L	0.001	1	05/01/25 00:59	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	05/01/25 00:59	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 00:59	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97936**

Matrix: **Aqueous**

Sample ID : **MW-2R**

Sampled: **4/16/2025 16:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	32.3	mg/L	1.00	1	04/22/25 16:16	HMQ	9056A
Chloride	8.12	mg/L	0.400	1	04/22/25 16:16	HMQ	9056A
Fluoride (w/o distillation)	0.325	mg/L	0.125	1	04/22/25 16:16	HMQ	9056A
Total Dissolved Solids	336	mg/L	50.0	1	04/23/25 08:15	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:03	BKN	6020B
Arsenic	0.0287	mg/L	0.0050	5	05/08/25 17:55	BKN	6020B
Barium	0.112	mg/L	0.001	1	05/01/25 01:03	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:03	BKN	6020B
Boron	0.018	mg/L	0.010	1	05/01/25 01:03	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:03	BKN	6020B
Calcium	37.4	mg/L	1.00	5	05/08/25 17:55	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 17:55	BKN	6020B
Cobalt	0.025	mg/L	0.005	5	05/08/25 17:55	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:03	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 16:06	JW2	7470A
Molybdenum	0.003	mg/L	0.001	1	05/01/25 01:03	BKN	6020B
Selenium	<0.005	mg/L	0.005	5	05/08/25 17:55	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:03	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97937**

Matrix: **Aqueous**

Sample ID : **MW-11**

Sampled: **4/16/2025 15:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	221	mg/L	10.0	10	04/22/25 16:55	HMQ	9056A
Chloride	20.5	mg/L	0.400	1	04/22/25 16:42	HMQ	9056A
Fluoride (w/o distillation)	1.72	mg/L	0.125	1	04/22/25 16:42	HMQ	9056A
Total Dissolved Solids	598	mg/L	50.0	1	04/23/25 08:15	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:08	BKN	6020B
Arsenic	<0.0050	mg/L	0.0050	5	05/08/25 17:59	BKN	6020B
Barium	0.056	mg/L	0.001	1	05/01/25 01:08	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:08	BKN	6020B
Boron	3.28	mg/L	0.050	5	05/08/25 17:59	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:08	BKN	6020B
Calcium	163	mg/L	4.00	20	05/08/25 18:04	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 17:59	BKN	6020B
Cobalt	<0.005	mg/L	0.005	5	05/08/25 17:59	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:08	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/08/25 16:08	JW2	7470A
Molybdenum	0.058	mg/L	0.001	1	05/01/25 01:08	BKN	6020B
Selenium	<0.020	mg/L	0.020	20	05/08/25 18:04	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:08	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97938**

Matrix: **Aqueous**

Sample ID : **MW-17**

Sampled: **4/17/2025 12:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	126	mg/L	10.0	10	04/22/25 17:21	HMQ	9056A
Chloride	87.8	mg/L	0.400	1	04/22/25 17:08	HMQ	9056A
Fluoride (w/o distillation)	1.78	mg/L	0.125	1	04/22/25 17:08	HMQ	9056A
Total Dissolved Solids	584	mg/L	50.0	1	04/24/25 08:15	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:14	BKN	6020B
Arsenic	0.0426	mg/L	0.0050	5	05/08/25 18:09	BKN	6020B
Barium	0.062	mg/L	0.001	1	05/01/25 01:14	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:14	BKN	6020B
Boron	2.12	mg/L	0.050	5	05/08/25 18:09	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:14	BKN	6020B
Calcium	112	mg/L	4.00	20	05/08/25 18:13	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 18:09	BKN	6020B
Cobalt	0.024	mg/L	0.005	5	05/08/25 18:09	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:14	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 14:54	JW2	7470A
Molybdenum	0.051	mg/L	0.001	1	05/01/25 01:14	BKN	6020B
Selenium	<0.005	mg/L	0.005	5	05/08/25 18:09	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:14	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97939**

Matrix: **Aqueous**

Sample ID : **MW-21**

Sampled: **4/17/2025 10:40**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	58.1	mg/L	1.00	1	04/22/25 17:34	HMQ	9056A
Chloride	17.4	mg/L	0.400	1	04/22/25 17:34	HMQ	9056A
Fluoride (w/o distillation)	0.208	mg/L	0.125	1	04/22/25 17:34	HMQ	9056A
Total Dissolved Solids	278	mg/L	50.0	1	04/24/25 08:15	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:20	BKN	6020B
Arsenic	<0.0050	mg/L	0.0050	5	05/08/25 18:18	BKN	6020B
Barium	0.094	mg/L	0.001	1	05/01/25 01:20	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:20	BKN	6020B
Boron	0.207	mg/L	0.010	1	05/01/25 01:20	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:20	BKN	6020B
Calcium	80.1	mg/L	1.00	5	05/08/25 18:18	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 18:18	BKN	6020B
Cobalt	<0.005	mg/L	0.005	5	05/08/25 18:18	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:20	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 14:56	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	05/01/25 01:20	BKN	6020B
Selenium	<0.005	mg/L	0.005	5	05/08/25 18:18	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:20	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **97940**

Matrix: **Aqueous**

Sample ID : **MW-5A**

Sampled: **4/17/2025 13:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	107	mg/L	1.00	1	04/22/25 18:00	HMQ	9056A
Chloride	96.8	mg/L	0.400	1	04/22/25 18:00	HMQ	9056A
Fluoride (w/o distillation)	1.45	mg/L	0.125	1	04/22/25 18:00	HMQ	9056A
Total Dissolved Solids	556	mg/L	50.0	1	04/24/25 08:15	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:25	BKN	6020B
Arsenic	<0.0050	mg/L	0.0050	5	05/08/25 18:22	BKN	6020B
Barium	0.077	mg/L	0.001	1	05/01/25 01:25	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:25	BKN	6020B
Boron	1.80	mg/L	0.050	5	05/08/25 18:22	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:25	BKN	6020B
Calcium	113	mg/L	4.00	20	05/08/25 18:27	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 18:22	BKN	6020B
Cobalt	0.024	mg/L	0.005	5	05/08/25 18:22	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:25	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:00	JW2	7470A
Molybdenum	0.060	mg/L	0.001	1	05/01/25 01:25	BKN	6020B
Selenium	<0.005	mg/L	0.005	5	05/08/25 18:22	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:25	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98040**

Matrix: **Aqueous**

Sample ID : **MW-24**

Sampled: **4/21/2025 11:15**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	186	mg/L	10.0	10	04/28/25 15:30	HMQ	9056A
Chloride	70.8	mg/L	0.400	1	04/28/25 15:17	HMQ	9056A
Fluoride (w/o distillation)	1.46	mg/L	0.125	1	04/28/25 15:17	HMQ	9056A
Total Dissolved Solids	630	mg/L	83.3	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:31	BKN	6020B
Arsenic	<0.0050	mg/L	0.0050	5	05/08/25 18:45	BKN	6020B
Barium	0.164	mg/L	0.001	1	05/01/25 01:31	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:31	BKN	6020B
Boron	2.08	mg/L	0.050	5	05/08/25 18:45	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:31	BKN	6020B
Calcium	143	mg/L	4.00	20	05/08/25 18:31	BKN	6020B
Chromium	<0.010	mg/L	0.010	5	05/08/25 18:45	BKN	6020B
Cobalt	<0.005	mg/L	0.005	5	05/08/25 18:45	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:31	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:02	JW2	7470A
Molybdenum	0.007	mg/L	0.001	1	05/01/25 01:31	BKN	6020B
Selenium	<0.005	mg/L	0.005	5	05/08/25 18:45	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:31	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98041**

Matrix: **Aqueous**

Sample ID : **MW-25**

Sampled: **4/21/2025 13:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	905	mg/L	10.0	10	04/28/25 15:56	HMQ	9056A
Chloride	253	mg/L	4.00	10	04/28/25 15:56	HMQ	9056A
Fluoride (w/o distillation)	0.828	mg/L	0.125	1	04/28/25 15:43	HMQ	9056A
Total Dissolved Solids	1870	mg/L	83.3	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0100	mg/L	0.0100	10	05/01/25 01:38	BKN	6020B
Arsenic	<0.0500	mg/L	0.0500	50	05/08/25 18:50	BKN	6020B
Barium	0.044	mg/L	0.010	10	05/01/25 01:38	BKN	6020B
Beryllium	<0.0100	mg/L	0.0100	10	05/01/25 01:38	BKN	6020B
Boron	9.90	mg/L	0.100	10	05/01/25 01:38	BKN	6020B
Cadmium	<0.0100	mg/L	0.0100	10	05/01/25 01:38	BKN	6020B
Calcium	360	mg/L	10.0	50	05/08/25 18:50	BKN	6020B
Chromium	<0.100	mg/L	0.100	50	05/08/25 18:50	BKN	6020B
Cobalt	<0.050	mg/L	0.050	50	05/08/25 18:50	BKN	6020B
Lead	<0.0100	mg/L	0.0100	10	05/01/25 01:38	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:03	JW2	7470A
Molybdenum	0.078	mg/L	0.010	10	05/01/25 01:38	BKN	6020B
Selenium	<0.050	mg/L	0.050	50	05/08/25 18:50	BKN	6020B
Thallium	<0.0100	mg/L	0.0100	10	05/01/25 01:38	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98042**

Matrix: **Aqueous**

Sample ID : **MW-23**

Sampled: **4/21/2025 15:25**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	755	mg/L	10.0	10	04/28/25 16:22	HMQ	9056A
Chloride	218	mg/L	4.00	10	04/28/25 16:22	HMQ	9056A
Fluoride (w/o distillation)	1.88	mg/L	0.125	1	04/28/25 16:09	HMQ	9056A
Total Dissolved Solids	1600	mg/L	78.1	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0100	mg/L	0.0100	10	05/01/25 01:42	BKN	6020B
Arsenic	0.169	mg/L	0.0500	50	05/08/25 18:54	BKN	6020B
Barium	0.035	mg/L	0.010	10	05/01/25 01:42	BKN	6020B
Beryllium	<0.0100	mg/L	0.0100	10	05/01/25 01:42	BKN	6020B
Boron	6.81	mg/L	0.100	10	05/01/25 01:42	BKN	6020B
Cadmium	<0.0100	mg/L	0.0100	10	05/01/25 01:42	BKN	6020B
Calcium	353	mg/L	10.0	50	05/08/25 18:54	BKN	6020B
Chromium	<0.100	mg/L	0.100	50	05/08/25 18:54	BKN	6020B
Cobalt	<0.050	mg/L	0.050	50	05/08/25 18:54	BKN	6020B
Lead	<0.0100	mg/L	0.0100	10	05/01/25 01:42	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:04	JW2	7470A
Molybdenum	0.119	mg/L	0.010	10	05/01/25 01:42	BKN	6020B
Selenium	<0.050	mg/L	0.050	50	05/08/25 18:54	BKN	6020B
Thallium	<0.0100	mg/L	0.0100	10	05/01/25 01:42	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98043**

Matrix: **Aqueous**

Sample ID : **MW-26**

Sampled: **4/21/2025 17:10**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	59.9	mg/L	1.00	1	04/28/25 17:01	HMQ	9056A
Chloride	9.68	mg/L	0.400	1	04/28/25 17:01	HMQ	9056A
Fluoride (w/o distillation)	0.276	mg/L	0.125	1	04/28/25 17:01	HMQ	9056A
Total Dissolved Solids	272	mg/L	50.0	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 01:47	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	05/01/25 01:47	BKN	6020B
Barium	0.107	mg/L	0.001	1	05/01/25 01:47	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 01:47	BKN	6020B
Boron	0.239	mg/L	0.010	1	05/01/25 01:47	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 01:47	BKN	6020B
Calcium	64.0	mg/L	2.00	10	05/08/25 18:59	BKN	6020B
Chromium	0.001	mg/L	0.001	1	05/01/25 01:47	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	05/01/25 01:47	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 01:47	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:06	JW2	7470A
Molybdenum	0.008	mg/L	0.001	1	05/01/25 01:47	BKN	6020B
Selenium	0.012	mg/L	0.001	1	05/01/25 01:47	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 01:47	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98044**

Matrix: **Aqueous**

Sample ID : **MW-13**

Sampled: **4/22/2025 08:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	27.9	mg/L	10.0	10	04/28/25 17:39	HMQ	9056A
Chloride	<4.00	mg/L	4.00	10	04/28/25 17:39	HMQ	9056A
Fluoride (w/o distillation)	<1.25	mg/L	1.25	10	04/28/25 17:39	HMQ	9056A
Total Dissolved Solids	169	mg/L	45.4	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0020	mg/L	0.0020	1	05/08/25 19:04	BKN	6020B
Arsenic	0.0037	mg/L	0.0010	1	05/01/25 02:01	BKN	6020B
Barium	0.100	mg/L	0.001	1	05/01/25 02:01	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 02:01	BKN	6020B
Boron	0.269	mg/L	0.010	1	05/01/25 02:01	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 02:01	BKN	6020B
Calcium	47.5	mg/L	1.00	5	05/08/25 19:08	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	05/01/25 02:01	BKN	6020B
Cobalt	0.001	mg/L	0.001	1	05/08/25 19:04	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 02:01	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:07	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	05/01/25 02:01	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	05/01/25 02:01	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 02:01	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98045**

Matrix: **Aqueous**

Sample ID : **Duplicate**

Sampled: **4/21/2025 00:00**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	758	mg/L	10.0	10	04/28/25 18:05	HMQ	9056A
Chloride	220	mg/L	4.00	10	04/28/25 18:05	HMQ	9056A
Fluoride (w/o distillation)	1.79	mg/L	0.125	1	04/28/25 17:52	HMQ	9056A
Total Dissolved Solids	1620	mg/L	83.3	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0100	mg/L	0.0100	10	05/01/25 02:05	BKN	6020B
Arsenic	0.163	mg/L	0.0500	50	05/08/25 19:13	BKN	6020B
Barium	0.038	mg/L	0.010	10	05/01/25 02:05	BKN	6020B
Beryllium	<0.0100	mg/L	0.0100	10	05/01/25 02:05	BKN	6020B
Boron	6.76	mg/L	0.100	10	05/01/25 02:05	BKN	6020B
Cadmium	<0.0100	mg/L	0.0100	10	05/01/25 02:05	BKN	6020B
Calcium	358	mg/L	10.0	50	05/08/25 19:13	BKN	6020B
Chromium	<0.100	mg/L	0.100	50	05/08/25 19:13	BKN	6020B
Cobalt	<0.010	mg/L	0.010	10	05/01/25 02:05	BKN	6020B
Lead	<0.0100	mg/L	0.0100	10	05/01/25 02:05	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:09	JW2	7470A
Molybdenum	0.125	mg/L	0.010	10	05/01/25 02:05	BKN	6020B
Selenium	<0.050	mg/L	0.050	50	05/08/25 19:13	BKN	6020B
Thallium	<0.0100	mg/L	0.0100	10	05/01/25 02:05	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98046**

Matrix: **Aqueous**

Sample ID : **Rinsate Blank**

Sampled: **4/22/2025 09:30**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	<1.00	mg/L	1.00	1	04/28/25 18:18	HMQ	9056A
Chloride	<0.400	mg/L	0.400	1	04/28/25 18:18	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/28/25 18:18	HMQ	9056A
Total Dissolved Solids	<12.5	mg/L	12.5	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 02:10	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	05/01/25 02:10	BKN	6020B
Barium	<0.001	mg/L	0.001	1	05/01/25 02:10	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 02:10	BKN	6020B
Boron	<0.010	mg/L	0.010	1	05/01/25 02:10	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 02:10	BKN	6020B
Calcium	<0.200	mg/L	0.200	1	05/01/25 02:10	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	05/01/25 02:10	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	05/01/25 02:10	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 02:10	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:10	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	05/01/25 02:10	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	05/01/25 02:10	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 02:10	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 05/16/2025
Received : 04/15/2025

Consuelo Bradley

Report Number : **25-105-0004**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98047**

Matrix: **Aqueous**

Sample ID : **Field Blank**

Sampled: **4/22/2025 09:45**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	<1.00	mg/L	1.00	1	04/28/25 18:44	HMQ	9056A
Chloride	<0.400	mg/L	0.400	1	04/28/25 18:44	HMQ	9056A
Fluoride (w/o distillation)	<0.125	mg/L	0.125	1	04/28/25 18:44	HMQ	9056A
Total Dissolved Solids	<12.5	mg/L	12.5	1	04/25/25 08:30	CAH	2540C-2011
Antimony	<0.0010	mg/L	0.0010	1	05/01/25 02:15	BKN	6020B
Arsenic	<0.0010	mg/L	0.0010	1	05/01/25 02:15	BKN	6020B
Barium	<0.001	mg/L	0.001	1	05/01/25 02:15	BKN	6020B
Beryllium	<0.0010	mg/L	0.0010	1	05/01/25 02:15	BKN	6020B
Boron	<0.010	mg/L	0.010	1	05/01/25 02:15	BKN	6020B
Cadmium	<0.0010	mg/L	0.0010	1	05/01/25 02:15	BKN	6020B
Calcium	<0.200	mg/L	0.200	1	05/01/25 02:15	BKN	6020B
Chromium	<0.001	mg/L	0.001	1	05/01/25 02:15	BKN	6020B
Cobalt	<0.001	mg/L	0.001	1	05/01/25 02:15	BKN	6020B
Lead	<0.0010	mg/L	0.0010	1	05/01/25 02:15	BKN	6020B
Mercury	<0.00020	mg/L	0.00020	1	05/09/25 15:12	JW2	7470A
Molybdenum	<0.001	mg/L	0.001	1	05/01/25 02:15	BKN	6020B
Selenium	<0.001	mg/L	0.001	1	05/01/25 02:15	BKN	6020B
Thallium	<0.0010	mg/L	0.0010	1	05/01/25 02:15	BKN	6020B

Qualifiers/ Definitions

B Analyte detected in blank
MQL Method Quantitation Limit

DF Dilution Factor

ANALYTICAL REPORT

PREPARED FOR

Attn: Consuelo Bradley
Waypoint Analytical, Inc.
107A Northside Office Park Drive
Andalusia, Alabama 36421

Generated 5/8/2025 10:13:59 AM

JOB DESCRIPTION

25-105-0004

JOB NUMBER

180-189816-1

Eurofins Pittsburgh

Job Notes

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PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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5/8/2025 10:13:59 AM

Authorized for release by
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Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions/Glossary	5
Certification Summary	6
Sample Summary	7
Method Summary	8
Lab Chronicle	9
Client Sample Results	11
QC Sample Results	13
QC Association Summary	14
Chain of Custody	15
Receipt Checklists	19



Case Narrative

Client: Waypoint Analytical, Inc.
Project: 25-105-0004

Job ID: 180-189816-1

Job ID: 180-189816-1

Eurofins Pittsburgh

Job Narrative 180-189816-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/30/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.3°C, 2.5°C and 3.5°C.

Metals

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

Eurofins Pittsburgh

Definitions/Glossary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

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

Accreditation/Certification Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00686	07-06-25
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-26
Kentucky (UST)	State	108092	04-01-25 *
Kentucky (WW)	State	KY90029	12-31-25
Maine	State	NY00044	04-21-27
Maryland	State	294	06-30-25
Massachusetts	State	M-NY044	07-01-25
Michigan	State	9937	10-11-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-25
New Jersey	NELAP	NY455	07-02-25
New York	NELAP	10026	03-31-26
Pennsylvania	NELAP	68-00281	08-31-25
Rhode Island	State	LAO00378	12-30-25
USDA	US Federal Programs	P330-18-00039	02-16-27
Virginia	NELAP	460185	09-14-25
Washington	State	C784	02-10-26
Wisconsin	State	998310390	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pittsburgh

Sample Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-189816-1	MW-5	Water	04/10/25 16:35	04/30/25 09:30
180-189816-2	MW-9	Water	04/10/25 14:00	04/30/25 09:30
180-189816-3	MW-12	Water	04/10/25 11:40	04/30/25 09:30
180-189816-4	MW-12A	Water	04/10/25 10:55	04/30/25 09:30
180-189816-5	MW-13A	Water	04/10/25 14:50	04/30/25 09:30
180-189816-6	MW-14	Water	04/10/25 17:30	04/30/25 09:30
180-189816-7	MW-14B	Water	04/11/25 10:40	04/30/25 09:30
180-189816-8	MW-15	Water	04/11/25 07:50	04/30/25 09:30
180-189816-9	MW-16	Water	04/11/25 08:45	04/30/25 09:30

Method Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	EET BUF
3020A	Preparation, Total Metals	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Client Sample ID: MW-5

Date Collected: 04/10/25 16:35

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:20	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-9

Date Collected: 04/10/25 14:00

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:43	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-12

Date Collected: 04/10/25 11:40

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:45	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-12A

Date Collected: 04/10/25 10:55

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:48	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-13A

Date Collected: 04/10/25 14:50

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:51	BMB	EET BUF
Instrument ID: Agilent7800										

Eurofins Pittsburgh

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Client Sample ID: MW-14

Date Collected: 04/10/25 17:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:54	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-14B

Date Collected: 04/11/25 10:40

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 16:57	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-15

Date Collected: 04/11/25 07:50

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:00	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-16

Date Collected: 04/11/25 08:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:11	BMB	EET BUF
Instrument ID: Agilent7800										

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Analyst References:

Lab: EET BUF

Batch Type: Prep

EMO = Emily O'Brien

Batch Type: Analysis

BMB = Bryan Booth

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Client Sample ID: MW-5

Lab Sample ID: 180-189816-1

Date Collected: 04/10/25 16:35

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.00585		0.00400		mg/L		05/07/25 08:18	05/07/25 16:20	1

Client Sample ID: MW-9

Lab Sample ID: 180-189816-2

Date Collected: 04/10/25 14:00

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 16:43	1

Client Sample ID: MW-12

Lab Sample ID: 180-189816-3

Date Collected: 04/10/25 11:40

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 16:45	1

Client Sample ID: MW-12A

Lab Sample ID: 180-189816-4

Date Collected: 04/10/25 10:55

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 16:48	1

Client Sample ID: MW-13A

Lab Sample ID: 180-189816-5

Date Collected: 04/10/25 14:50

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0101		0.00400		mg/L		05/07/25 08:18	05/07/25 16:51	1

Client Sample ID: MW-14

Lab Sample ID: 180-189816-6

Date Collected: 04/10/25 17:30

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 16:54	1

Client Sample ID: MW-14B

Lab Sample ID: 180-189816-7

Date Collected: 04/11/25 10:40

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0640		0.00400		mg/L		05/07/25 08:18	05/07/25 16:57	1

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Client Sample ID: MW-15

Date Collected: 04/11/25 07:50

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-8

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 17:00	1

Client Sample ID: MW-16

Date Collected: 04/11/25 08:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189816-9

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0369		0.00400		mg/L		05/07/25 08:18	05/07/25 17:11	1

QC Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 480-745330/1-A

Matrix: Water

Analysis Batch: 745528

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 16:14	1

Lab Sample ID: LCS 480-745330/2-A

Matrix: Water

Analysis Batch: 745528

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.02119		mg/L		106	80 - 120

Lab Sample ID: 180-189816-1 MS

Matrix: Water

Analysis Batch: 745528

Client Sample ID: MW-5

Prep Type: Total/NA

Prep Batch: 745330

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.00585		0.0200	0.02406		mg/L		91	75 - 125

Lab Sample ID: 180-189816-1 MSD

Matrix: Water

Analysis Batch: 745528

Client Sample ID: MW-5

Prep Type: Total/NA

Prep Batch: 745330

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.00585		0.0200	0.02580		mg/L		100	75 - 125	7	20

QC Association Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189816-1

Metals

Prep Batch: 745330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189816-1	MW-5	Total/NA	Water	3020A	
180-189816-2	MW-9	Total/NA	Water	3020A	
180-189816-3	MW-12	Total/NA	Water	3020A	
180-189816-4	MW-12A	Total/NA	Water	3020A	
180-189816-5	MW-13A	Total/NA	Water	3020A	
180-189816-6	MW-14	Total/NA	Water	3020A	
180-189816-7	MW-14B	Total/NA	Water	3020A	
180-189816-8	MW-15	Total/NA	Water	3020A	
180-189816-9	MW-16	Total/NA	Water	3020A	
MB 480-745330/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-745330/2-A	Lab Control Sample	Total/NA	Water	3020A	
180-189816-1 MS	MW-5	Total/NA	Water	3020A	
180-189816-1 MSD	MW-5	Total/NA	Water	3020A	

Analysis Batch: 745528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189816-1	MW-5	Total/NA	Water	EPA 6020B	745330
180-189816-2	MW-9	Total/NA	Water	EPA 6020B	745330
180-189816-3	MW-12	Total/NA	Water	EPA 6020B	745330
180-189816-4	MW-12A	Total/NA	Water	EPA 6020B	745330
180-189816-5	MW-13A	Total/NA	Water	EPA 6020B	745330
180-189816-6	MW-14	Total/NA	Water	EPA 6020B	745330
180-189816-7	MW-14B	Total/NA	Water	EPA 6020B	745330
180-189816-8	MW-15	Total/NA	Water	EPA 6020B	745330
180-189816-9	MW-16	Total/NA	Water	EPA 6020B	745330
MB 480-745330/1-A	Method Blank	Total/NA	Water	EPA 6020B	745330
LCS 480-745330/2-A	Lab Control Sample	Total/NA	Water	EPA 6020B	745330
180-189816-1 MS	MW-5	Total/NA	Water	EPA 6020B	745330
180-189816-1 MSD	MW-5	Total/NA	Water	EPA 6020B	745330



107A Northside Office Park Drive, Andalusia, AL 36421
Main 334.343.9799
www.waypointanalytical.com

04/29/2025 12:57:04

Export Batch Report

Export Batch Id : 913EXP

Page 1 of 6

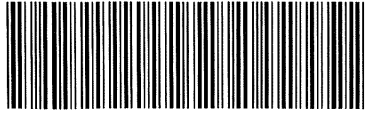
Created: 4/29/2025 12:55:34
Computer: WPALMS-125
User: Consuelo C Bradley
Project Manager: Consuelo C Bradley

To: Test America Laboratory - PA
301 Alpha Drive / RIDC Park
Pittsburgh, PA 152382907
412-963-7058

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Due Date	Sample Date	Customer Sample No	
25-105-0004	05/14/2025	04/10/2025 16:35	MW-5	
25-105-0004	05/14/2025	04/10/2025 14:00	MW-9	
25-105-0004	05/14/2025	04/10/2025 11:40	MW-12	
25-105-0004	05/14/2025	04/10/2025 10:55	MW-12A	
25-105-0004	05/14/2025	04/10/2025 14:50	MW-13A	
25-105-0004	05/14/2025	04/10/2025 17:30	MW-14	
25-105-0004	05/14/2025	04/11/2025 10:40	MW-14B	
25-105-0004	05/14/2025	04/11/2025 07:50	MW-15	
25-105-0004	05/14/2025	04/11/2025 08:45	MW-16	

Rush Matrix	Lab No	Method No	Fee Code	Description
AQU	97818	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97819	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97820	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97821	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97822	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97823	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97824	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97825	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	
AQU	97826	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)	

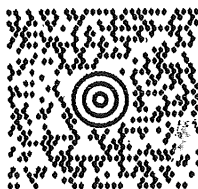


180-189816 Chain of Custody

Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Remarks			
Relinquished By (sign)	Date / Time	Received By (sign)	Date / Time
Consuelo C Bradley	04/29/25 @ 1500	John	4/30/25 930
Relinquished By (sign)	Date / Time	Received By (sign)	Date / Time

3 OF 3

PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4584 5371

1

2.8 °C

Thermometer ID

CF -0.5

Initials

TS

BILLING: P/P



180-189816 Waybill

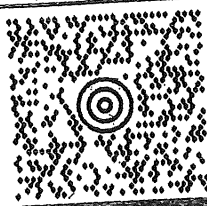
CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DRI
ANDALUSIA AL 36421

15 LBS

2 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

1

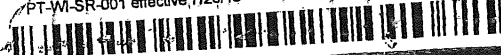
TRACKING #: 1Z 9X0 Y85 01 4442 1562

Uncorrected temp
Thermometer ID

4.0 °C
26

CF 70.5 Initials JS

PT-W-SR-001 effective 7/26/13



BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DR
ANDALUSIA AL 36421

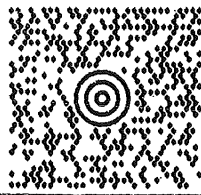
15 LBS

1 OF 3

3 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9XD Y85 01 4394 9352

1

PT-WFSR-001 effective 7/25/13

Uncorrected temp

3.0 °C

Thermometer ID

26

CF

-0.5

Initials

JB

PT-WFSR-001 effective 7/25/13

BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189816-1

Login Number: 189816

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Abernathy, Eric L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189816-1

Login Number: 189816

List Number: 2

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

List Creation: 05/06/25 11:26 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	14.3 no ice ir# sc
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Consuelo Bradley
Waypoint Analytical, Inc.
107A Northside Office Park Drive
Andalusia, Alabama 36421

Generated 5/8/2025 10:13:58 AM

JOB DESCRIPTION

25-105-0004

JOB NUMBER

180-189818-1

Eurofins Pittsburgh

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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5/8/2025 10:13:58 AM

Authorized for release by
Andy Johnson, Senior Project Manager
Andy.Johnson@et.eurofinsus.com
(615)818-9567



Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions/Glossary	5
Certification Summary	6
Sample Summary	7
Method Summary	8
Lab Chronicle	9
Client Sample Results	11
QC Sample Results	13
QC Association Summary	14
Chain of Custody	15
Receipt Checklists	19

Case Narrative

Client: Waypoint Analytical, Inc.
Project: 25-105-0004

Job ID: 180-189818-1

Job ID: 180-189818-1

Eurofins Pittsburgh

Job Narrative 180-189818-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/30/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.3°C, 2.5°C and 3.5°C.

Metals

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

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Definitions/Glossary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

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

Accreditation/Certification Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00686	07-06-25
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-26
Kentucky (UST)	State	108092	04-01-25 *
Kentucky (WW)	State	KY90029	12-31-25
Maine	State	NY00044	04-21-27
Maryland	State	294	06-30-25
Massachusetts	State	M-NY044	07-01-25
Michigan	State	9937	10-11-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-25
New Jersey	NELAP	NY455	07-02-25
New York	NELAP	10026	03-31-26
Pennsylvania	NELAP	68-00281	08-31-25
Rhode Island	State	LAO00378	12-30-25
USDA	US Federal Programs	P330-18-00039	02-16-27
Virginia	NELAP	460185	09-14-25
Washington	State	C784	02-10-26
Wisconsin	State	998310390	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pittsburgh

Sample Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-189818-1	MW-18	Water	04/11/25 09:45	04/30/25 09:30
180-189818-2	MW-19	Water	04/10/25 15:55	04/30/25 09:30
180-189818-3	MW-4R	Water	04/15/25 11:45	04/30/25 09:30
180-189818-4	MW-8	Water	04/15/25 15:30	04/30/25 09:30
180-189818-5	MW-10	Water	04/15/25 13:15	04/30/25 09:30
180-189818-6	MW-20	Water	04/15/25 14:20	04/30/25 09:30
180-189818-7	MW-7	Water	04/15/25 16:40	04/30/25 09:30
180-189818-8	MW-14A	Water	04/15/25 17:40	04/30/25 09:30
180-189818-9	MW-22	Water	04/15/25 08:15	04/30/25 09:30

Method Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	EET BUF
3020A	Preparation, Total Metals	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Client Sample ID: MW-18

Date Collected: 04/11/25 09:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:14	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-19

Date Collected: 04/10/25 15:55

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:17	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-4R

Date Collected: 04/15/25 11:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:20	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-8

Date Collected: 04/15/25 15:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:23	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-10

Date Collected: 04/15/25 13:15

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:26	BMB	EET BUF
Instrument ID: Agilent7800										

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Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Client Sample ID: MW-20

Date Collected: 04/15/25 14:20

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:29	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-7

Date Collected: 04/15/25 16:40

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:31	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-14A

Date Collected: 04/15/25 17:40

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:34	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-22

Date Collected: 04/15/25 08:15

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745330	05/07/25 08:18	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745528	05/07/25 17:37	BMB	EET BUF
Instrument ID: Agilent7800										

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Analyst References:

Lab: EET BUF

Batch Type: Prep

EMO = Emily O'Brien

Batch Type: Analysis

BMB = Bryan Booth

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Client Sample ID: MW-18

Date Collected: 04/11/25 09:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-1

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 17:14	1

Client Sample ID: MW-19

Date Collected: 04/10/25 15:55

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-2

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0102		0.00400		mg/L		05/07/25 08:18	05/07/25 17:17	1

Client Sample ID: MW-4R

Date Collected: 04/15/25 11:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-3

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 17:20	1

Client Sample ID: MW-8

Date Collected: 04/15/25 15:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-4

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 17:23	1

Client Sample ID: MW-10

Date Collected: 04/15/25 13:15

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-5

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0129		0.00400		mg/L		05/07/25 08:18	05/07/25 17:26	1

Client Sample ID: MW-20

Date Collected: 04/15/25 14:20

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-6

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 17:29	1

Client Sample ID: MW-7

Date Collected: 04/15/25 16:40

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189818-7

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0569		0.00400		mg/L		05/07/25 08:18	05/07/25 17:31	1

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Client Sample ID: MW-14A

Lab Sample ID: 180-189818-8

Date Collected: 04/15/25 17:40

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.00918		0.00400		mg/L		05/07/25 08:18	05/07/25 17:34	1

Client Sample ID: MW-22

Lab Sample ID: 180-189818-9

Date Collected: 04/15/25 08:15

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 17:37	1

QC Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 480-745330/1-A
Matrix: Water
Analysis Batch: 745528

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:18	05/07/25 16:14	1

Lab Sample ID: LCS 480-745330/2-A
Matrix: Water
Analysis Batch: 745528

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745330

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.02119		mg/L		106	80 - 120

QC Association Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189818-1

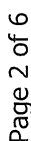
Metals

Prep Batch: 745330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189818-1	MW-18	Total/NA	Water	3020A	745330
180-189818-2	MW-19	Total/NA	Water	3020A	
180-189818-3	MW-4R	Total/NA	Water	3020A	
180-189818-4	MW-8	Total/NA	Water	3020A	
180-189818-5	MW-10	Total/NA	Water	3020A	
180-189818-6	MW-20	Total/NA	Water	3020A	
180-189818-7	MW-7	Total/NA	Water	3020A	
180-189818-8	MW-14A	Total/NA	Water	3020A	
180-189818-9	MW-22	Total/NA	Water	3020A	
MB 480-745330/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-745330/2-A	Lab Control Sample	Total/NA	Water	3020A	

Analysis Batch: 745528

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189818-1	MW-18	Total/NA	Water	EPA 6020B	745330
180-189818-2	MW-19	Total/NA	Water	EPA 6020B	745330
180-189818-3	MW-4R	Total/NA	Water	EPA 6020B	745330
180-189818-4	MW-8	Total/NA	Water	EPA 6020B	745330
180-189818-5	MW-10	Total/NA	Water	EPA 6020B	745330
180-189818-6	MW-20	Total/NA	Water	EPA 6020B	745330
180-189818-7	MW-7	Total/NA	Water	EPA 6020B	745330
180-189818-8	MW-14A	Total/NA	Water	EPA 6020B	745330
180-189818-9	MW-22	Total/NA	Water	EPA 6020B	745330
MB 480-745330/1-A	Method Blank	Total/NA	Water	EPA 6020B	745330
LCS 480-745330/2-A	Lab Control Sample	Total/NA	Water	EPA 6020B	745330



107A Northside Office Park Drive, Andalusia, AL 36421
Main 334.343.9799
www.waypointanalytical.com

04/29/2025 12:57:04

Export Batch Report

Export Batch Id : 913EXP

Created: 4/29/2025 12:55:34

Computer: WPALMS-125

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Test America Laboratory - PA
301 Alpha Drive / RIDC Park
Pittsburgh, PA 152382907
412-963-7058

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

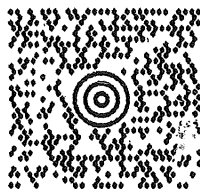
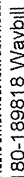
Report No	Due Date	Sample Date	Customer Sample No	Rush	Matrix	Lab No	Method	No	Fee Code	Description
25-105-0004	05/14/2025	04/11/2025 09:45	MW-18	AQU	97827	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/10/2025 15:55	MW-19	AQU	97828	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 11:45	MW-4R	AQU	97855	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 15:30	MW-8	AQU	97856	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 13:15	MW-10	AQU	97857	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 14:20	MW-20	AQU	97858	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 16:40	MW-7	AQU	97893	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 17:40	MW-14A	AQU	97894	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test
25-105-0004	05/14/2025	04/15/2025 08:15	MW-22	AQU	97895	SW-6020A	(Test America)		Lithium (by 6020 - sub to Test America in PA)	Test



Sampled By <i>Clint</i>	Method of Shipment	Blank / Cooler Temp.
Remarks		
Relinquished By (sign) <i>John Barclay</i>	Date / Time 04/29/25 01500	Received By (sign) <i>John</i>
Relinquished By (sign)	Date / Time	Date / Time 4/30/25 930

3 OF 3

PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4584 5371

1

2.8 °C

26

CF -0.5

Initials

73

BILLING: P/P

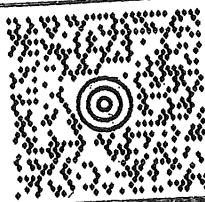
CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DRI
ANDALUSIA AL 36421

15 LBS

2 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

1

TRACKING #: 1Z 9X0 Y85 01 4442 1562

Uncorrected temp

4.0 °C

Thermometer ID

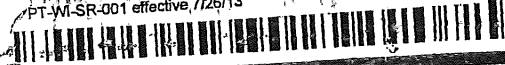
26

CF: 50.5

Initials

JS

PT-WI-SR-001 effective 7/26/13



BILLING: P/P

WS 28.0.8 Zebra ZP 460 17.0A 04/2025

CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DR
ANDALUSIA AL 36421

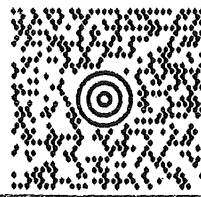
15 LBS

1 OF 3

3 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

1

TRACKING #: 1Z 9X0 Y85 01 4394 9352

PT-WL-SR-001 effective 7/12/13

Uncorrected temp
Thermometer ID

3.0 °C
26

CF -0.5 Initials

JB

PT-WL-SR-001 effective 7/26/13

BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189818-1

Login Number: 189818

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Abernathy, Eric L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189818-1

Login Number: 189818

List Number: 2

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

List Creation: 05/06/25 11:26 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	14.3 no ice ir# sc
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Consuelo Bradley
Waypoint Analytical, Inc.
107A Northside Office Park Drive
Andalusia, Alabama 36421

Generated 5/8/2025 10:18:55 AM

JOB DESCRIPTION

25-105-0004

JOB NUMBER

180-189819-1

Eurofins Pittsburgh

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
5/8/2025 10:18:55 AM

Authorized for release by
Andy Johnson, Senior Project Manager
Andy.Johnson@et.eurofinsus.com
(615)818-9567

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions/Glossary	5
Certification Summary	6
Sample Summary	7
Method Summary	8
Lab Chronicle	9
Client Sample Results	11
QC Sample Results	13
QC Association Summary	14
Chain of Custody	15
Receipt Checklists	19



Case Narrative

Client: Waypoint Analytical, Inc.
Project: 25-105-0004

Job ID: 180-189819-1

Job ID: 180-189819-1

Eurofins Pittsburgh

Job Narrative 180-189819-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/30/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.3°C, 2.5°C and 3.5°C.

Receipt Exceptions

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): MW-6 (180-189819-1), MW-1 (180-189819-2) and MW-3 (180-189819-3). The container labels list the sample dates as 4/15/25 on the client label while the handwriting on the container has 4/16/25. The chain has 4/15/25. Logged per the chain.

Metals

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

Eurofins Pittsburgh

Definitions/Glossary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

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

Accreditation/Certification Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00686	07-06-25
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-26
Kentucky (UST)	State	108092	04-01-25 *
Kentucky (WW)	State	KY90029	12-31-25
Maine	State	NY00044	04-21-27
Maryland	State	294	06-30-25
Massachusetts	State	M-NY044	07-01-25
Michigan	State	9937	10-11-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-25
New Jersey	NELAP	NY455	07-02-25
New York	NELAP	10026	03-31-26
Pennsylvania	NELAP	68-00281	08-31-25
Rhode Island	State	LAO00378	12-30-25
USDA	US Federal Programs	P330-18-00039	02-16-27
Virginia	NELAP	460185	09-14-25
Washington	State	C784	02-10-26
Wisconsin	State	998310390	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

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Sample Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-189819-1	MW-6	Water	04/15/25 09:35	04/30/25 09:30
180-189819-2	MW-1	Water	04/15/25 12:30	04/30/25 09:30
180-189819-3	MW-3	Water	04/15/25 10:40	04/30/25 09:30
180-189819-4	MW-2R	Water	04/16/25 16:40	04/30/25 09:30
180-189819-5	MW-11	Water	04/16/25 15:20	04/30/25 09:30
180-189819-6	MW-17	Water	04/17/25 12:00	04/30/25 09:30
180-189819-7	MW-21	Water	04/17/25 10:40	04/30/25 09:30
180-189819-8	MW-5A	Water	04/17/25 13:25	04/30/25 09:30
180-189819-9	MW-24	Water	04/21/25 11:15	04/30/25 09:30

Method Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	EET BUF
3020A	Preparation, Total Metals	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Client Sample ID: MW-6

Lab Sample ID: 180-189819-1

Date Collected: 04/15/25 09:35

Matrix: Water

Date Received: 04/30/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 14:59	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-1

Lab Sample ID: 180-189819-2

Date Collected: 04/15/25 12:30

Matrix: Water

Date Received: 04/30/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:22	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-3

Lab Sample ID: 180-189819-3

Date Collected: 04/15/25 10:40

Matrix: Water

Date Received: 04/30/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:25	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-2R

Lab Sample ID: 180-189819-4

Date Collected: 04/16/25 16:40

Matrix: Water

Date Received: 04/30/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:28	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-11

Lab Sample ID: 180-189819-5

Date Collected: 04/16/25 15:20

Matrix: Water

Date Received: 04/30/25 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:31	BMB	EET BUF
Instrument ID: Agilent7800										

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Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Client Sample ID: MW-17

Date Collected: 04/17/25 12:00

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189819-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:34	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-21

Date Collected: 04/17/25 10:40

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189819-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:37	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-5A

Date Collected: 04/17/25 13:25

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189819-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:39	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-24

Date Collected: 04/21/25 11:15

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189819-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:42	BMB	EET BUF
Instrument ID: Agilent7800										

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Analyst References:

Lab: EET BUF

Batch Type: Prep

EMO = Emily O'Brien

Batch Type: Analysis

BMB = Bryan Booth

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Client Sample ID: MW-6

Lab Sample ID: 180-189819-1

Date Collected: 04/15/25 09:35

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 14:59	1

Client Sample ID: MW-1

Lab Sample ID: 180-189819-2

Date Collected: 04/15/25 12:30

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 15:22	1

Client Sample ID: MW-3

Lab Sample ID: 180-189819-3

Date Collected: 04/15/25 10:40

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 15:25	1

Client Sample ID: MW-2R

Lab Sample ID: 180-189819-4

Date Collected: 04/16/25 16:40

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 15:28	1

Client Sample ID: MW-11

Lab Sample ID: 180-189819-5

Date Collected: 04/16/25 15:20

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0435		0.00400		mg/L		05/07/25 08:17	05/07/25 15:31	1

Client Sample ID: MW-17

Lab Sample ID: 180-189819-6

Date Collected: 04/17/25 12:00

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0850		0.00400		mg/L		05/07/25 08:17	05/07/25 15:34	1

Client Sample ID: MW-21

Lab Sample ID: 180-189819-7

Date Collected: 04/17/25 10:40

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 15:37	1

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Client Sample ID: MW-5A

Lab Sample ID: 180-189819-8

Date Collected: 04/17/25 13:25

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0572		0.00400		mg/L		05/07/25 08:17	05/07/25 15:39	1

Client Sample ID: MW-24

Lab Sample ID: 180-189819-9

Date Collected: 04/21/25 11:15

Matrix: Water

Date Received: 04/30/25 09:30

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0942		0.00400		mg/L		05/07/25 08:17	05/07/25 15:42	1

QC Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 480-745332/1-A

Matrix: Water

Analysis Batch: 745526

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 745332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 14:53	1

Lab Sample ID: LCS 480-745332/2-A

Matrix: Water

Analysis Batch: 745526

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 745332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.02146		mg/L		107	80 - 120

Lab Sample ID: 180-189819-1 MS

Matrix: Water

Analysis Batch: 745526

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 745332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	ND		0.0200	0.02251		mg/L		105	75 - 125

Lab Sample ID: 180-189819-1 MSD

Matrix: Water

Analysis Batch: 745526

Client Sample ID: MW-6

Prep Type: Total/NA

Prep Batch: 745332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	ND		0.0200	0.02229		mg/L		104	75 - 125	1	20

QC Association Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189819-1

Metals

Prep Batch: 745332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189819-1	MW-6	Total/NA	Water	3020A	
180-189819-2	MW-1	Total/NA	Water	3020A	
180-189819-3	MW-3	Total/NA	Water	3020A	
180-189819-4	MW-2R	Total/NA	Water	3020A	
180-189819-5	MW-11	Total/NA	Water	3020A	
180-189819-6	MW-17	Total/NA	Water	3020A	
180-189819-7	MW-21	Total/NA	Water	3020A	
180-189819-8	MW-5A	Total/NA	Water	3020A	
180-189819-9	MW-24	Total/NA	Water	3020A	
MB 480-745332/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-745332/2-A	Lab Control Sample	Total/NA	Water	3020A	
180-189819-1 MS	MW-6	Total/NA	Water	3020A	
180-189819-1 MSD	MW-6	Total/NA	Water	3020A	

Analysis Batch: 745526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189819-1	MW-6	Total/NA	Water	EPA 6020B	745332
180-189819-2	MW-1	Total/NA	Water	EPA 6020B	745332
180-189819-3	MW-3	Total/NA	Water	EPA 6020B	745332
180-189819-4	MW-2R	Total/NA	Water	EPA 6020B	745332
180-189819-5	MW-11	Total/NA	Water	EPA 6020B	745332
180-189819-6	MW-17	Total/NA	Water	EPA 6020B	745332
180-189819-7	MW-21	Total/NA	Water	EPA 6020B	745332
180-189819-8	MW-5A	Total/NA	Water	EPA 6020B	745332
180-189819-9	MW-24	Total/NA	Water	EPA 6020B	745332
MB 480-745332/1-A	Method Blank	Total/NA	Water	EPA 6020B	745332
LCS 480-745332/2-A	Lab Control Sample	Total/NA	Water	EPA 6020B	745332
180-189819-1 MS	MW-6	Total/NA	Water	EPA 6020B	745332
180-189819-1 MSD	MW-6	Total/NA	Water	EPA 6020B	745332



107A Northside Office Park Drive, Andalusia, AL 36421
Main 334.343.9799
www.waypointanalytical.com

04/29/2025 12:57:04

Export Batch Report

Export Batch Id : 913EXP

Created: 4/29/2025 12:55:34

Computer: WPALMS-125

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Test America Laboratory - PA
301 Alpha Drive / RIDC Park
Pittsburgh, PA 152382907
412-963-7058

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Due Date	Sample Date	Customer Sample No
25-105-0004	05/14/2025	04/15/2025 09:35	MW-6
25-105-0004	05/14/2025	04/15/2025 12:30	MW-1
25-105-0004	05/14/2025	04/15/2025 10:40	MW-3
25-105-0004	05/14/2025	04/16/2025 16:40	MW-2R
25-105-0004	05/14/2025	04/16/2025 15:20	MW-11
25-105-0004	05/14/2025	04/17/2025 12:00	MW-17
25-105-0004	05/14/2025	04/17/2025 10:40	MW-21
25-105-0004	05/14/2025	04/17/2025 13:25	MW-5A
25-105-0004	05/14/2025	04/21/2025 11:15	MW-24

Rush Matrix Lab No	Method No	Fee Code Description
AQU 97896	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97897	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97898	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97936	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97937	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97938	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97939	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 97940	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)
AQU 98040	SW-6020A (Test America)	Lithium (by 6020 - sub to Test America in PA)



180-189819 Chain of Custody

Sampled By	Method of Shipment	Blank / Cooler Temp.
Remarks		
Relinquished By (sign)	Date / Time	Received By (sign)
Consuelo C Bradley	04/29/25 01500	[Signature]
Relinquished By (sign)	Date / Time	Received By (sign)

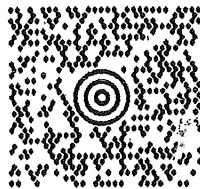
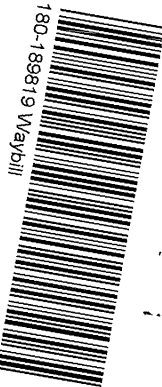
CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DRI
ANDALUSIA AL 36421

5 LBS

3 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4584 5371

1

Uncorrected temp
Thermometer ID

2.8 °C

26

CF -0.5

Initials

TB

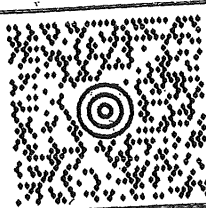
BILLING: P/P

CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DR
ANDALUSIA AL 36421

15 LBS

2 OF 3

SHIP TO:
SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4442 1562

1

Uncorrected temp
Thermometer ID

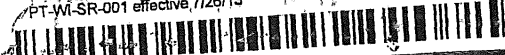
4.0 °C
26

CF 70.5

Initials

JS

PT-WI-SR-001 effective 7/26/13



BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DR
ANDALUSIA AL 36421

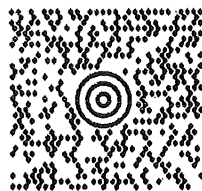
15 LBS

1 OF 3

3 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4394 9352

1

P17W-SR-001 effective 7/28/13

Uncorrected temp
Thermometer ID

3.0 °C
26

CF -0.5

Initials

JB

BT-WL-SR-001 effective 7/28/13

BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189819-1

Login Number: 189819

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Abernathy, Eric L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
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.	False	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189819-1

Login Number: 189819

List Number: 2

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

List Creation: 05/06/25 11:27 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	14.3 no ice ir# sc
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Consuelo Bradley
Waypoint Analytical, Inc.
107A Northside Office Park Drive
Andalusia, Alabama 36421

Generated 5/8/2025 10:18:55 AM

JOB DESCRIPTION

25-105-0004

JOB NUMBER

180-189821-1

Eurofins Pittsburgh

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



Generated
5/8/2025 10:18:55 AM

Authorized for release by
Andy Johnson, Senior Project Manager
Andy.Johnson@et.eurofinsus.com
(615)818-9567

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions/Glossary	5
Certification Summary	6
Sample Summary	7
Method Summary	8
Lab Chronicle	9
Client Sample Results	11
QC Sample Results	13
QC Association Summary	14
Chain of Custody	15
Receipt Checklists	19



Case Narrative

Client: Waypoint Analytical, Inc.
Project: 25-105-0004

Job ID: 180-189821-1

Job ID: 180-189821-1

Eurofins Pittsburgh

Job Narrative 180-189821-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 4/30/2025 9:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 2.3°C, 2.5°C and 3.5°C.

Metals

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

Eurofins Pittsburgh

Definitions/Glossary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

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

Accreditation/Certification Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00686	07-06-25
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-26
Kentucky (UST)	State	108092	04-01-25 *
Kentucky (WW)	State	KY90029	12-31-25
Maine	State	NY00044	04-21-27
Maryland	State	294	06-30-25
Massachusetts	State	M-NY044	07-01-25
Michigan	State	9937	10-11-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-25
New Jersey	NELAP	NY455	07-02-25
New York	NELAP	10026	03-31-26
Pennsylvania	NELAP	68-00281	08-31-25
Rhode Island	State	LAO00378	12-30-25
USDA	US Federal Programs	P330-18-00039	02-16-27
Virginia	NELAP	460185	09-14-25
Washington	State	C784	02-10-26
Wisconsin	State	998310390	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pittsburgh

Sample Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-189821-1	MW-25	Water	04/21/25 13:45	04/30/25 09:30
180-189821-2	MW-23	Water	04/21/25 15:25	04/30/25 09:30
180-189821-3	MW-26	Water	04/21/25 17:10	04/30/25 09:30
180-189821-4	MW-13	Water	04/22/25 08:30	04/30/25 09:30
180-189821-5	DUPLICATE	Water	04/21/25 00:00	04/30/25 09:30
180-189821-6	RINSATE BLANK	Water	04/22/25 09:30	04/30/25 09:30
180-189821-7	FIELD BLANK	Water	04/22/25 09:45	04/30/25 09:30
180-189821-8	MW-4R DISSOLVED METALS	Water	04/15/25 11:45	04/30/25 09:30
180-189821-9	MW-8 DISSOLVED METALS	Water	04/15/25 15:30	04/30/25 09:30

Method Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Method	Method Description	Protocol	Laboratory
EPA 6020B	Metals (ICP/MS)	SW846	EET BUF
3020A	Preparation, Total Metals	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Client Sample ID: MW-25

Date Collected: 04/21/25 13:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:45	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-23

Date Collected: 04/21/25 15:25

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:57	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-26

Date Collected: 04/21/25 17:10

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 15:59	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-13

Date Collected: 04/22/25 08:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 16:02	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: DUPLICATE

Date Collected: 04/21/25 00:00

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 16:05	BMB	EET BUF
Instrument ID: Agilent7800										

Eurofins Pittsburgh

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Client Sample ID: RINSATE BLANK

Date Collected: 04/22/25 09:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 16:08	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: FIELD BLANK

Date Collected: 04/22/25 09:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3020A			50 mL	50 mL	745332	05/07/25 08:17	EMO	EET BUF
Total/NA	Analysis	EPA 6020B		1			745526	05/07/25 16:11	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-4R DISSOLVED METALS

Date Collected: 04/15/25 11:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-8

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3020A			50 mL	50 mL	745334	05/07/25 08:19	EMO	EET BUF
Dissolved	Analysis	EPA 6020B		1			745448	05/07/25 13:33	BMB	EET BUF
Instrument ID: Agilent7800										

Client Sample ID: MW-8 DISSOLVED METALS

Date Collected: 04/15/25 15:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3020A			50 mL	50 mL	745334	05/07/25 08:19	EMO	EET BUF
Dissolved	Analysis	EPA 6020B		1			745448	05/07/25 13:36	BMB	EET BUF
Instrument ID: Agilent7800										

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Analyst References:

Lab: EET BUF

Batch Type: Prep

EMO = Emily O'Brien

Batch Type: Analysis

BMB = Bryan Booth

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Client Sample ID: MW-25

Date Collected: 04/21/25 13:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-1

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.135		0.00400		mg/L		05/07/25 08:17	05/07/25 15:45	1

Client Sample ID: MW-23

Date Collected: 04/21/25 15:25

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-2

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.132		0.00400		mg/L		05/07/25 08:17	05/07/25 15:57	1

Client Sample ID: MW-26

Date Collected: 04/21/25 17:10

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-3

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 15:59	1

Client Sample ID: MW-13

Date Collected: 04/22/25 08:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-4

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 16:02	1

Client Sample ID: DUPLICATE

Date Collected: 04/21/25 00:00

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-5

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.134		0.00400		mg/L		05/07/25 08:17	05/07/25 16:05	1

Client Sample ID: RINSATE BLANK

Date Collected: 04/22/25 09:30

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-6

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 16:08	1

Client Sample ID: FIELD BLANK

Date Collected: 04/22/25 09:45

Date Received: 04/30/25 09:30

Lab Sample ID: 180-189821-7

Matrix: Water

Method: SW846 EPA 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 16:11	1

Eurofins Pittsburgh

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Client Sample ID: MW-4R DISSOLVED METALS

Lab Sample ID: 180-189821-8

Date Collected: 04/15/25 11:45

Matrix: Water

Date Received: 04/30/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:19	05/07/25 13:33	1

Client Sample ID: MW-8 DISSOLVED METALS

Lab Sample ID: 180-189821-9

Date Collected: 04/15/25 15:30

Matrix: Water

Date Received: 04/30/25 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:19	05/07/25 13:36	1

QC Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Method: EPA 6020B - Metals (ICP/MS)

Lab Sample ID: MB 480-745332/1-A
Matrix: Water
Analysis Batch: 745526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745332

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:17	05/07/25 14:53	1

Lab Sample ID: LCS 480-745332/2-A
Matrix: Water
Analysis Batch: 745526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.02146		mg/L		107	80 - 120

Lab Sample ID: MB 480-745334/1-A
Matrix: Water
Analysis Batch: 745448

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745334

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		05/07/25 08:19	05/07/25 13:27	1

Lab Sample ID: LCS 480-745334/2-A
Matrix: Water
Analysis Batch: 745448

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745334

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.02033		mg/L		102	80 - 120

QC Association Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-105-0004

Job ID: 180-189821-1

Metals

Prep Batch: 745332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189821-1	MW-25	Total/NA	Water	3020A	
180-189821-2	MW-23	Total/NA	Water	3020A	
180-189821-3	MW-26	Total/NA	Water	3020A	
180-189821-4	MW-13	Total/NA	Water	3020A	
180-189821-5	DUPLICATE	Total/NA	Water	3020A	
180-189821-6	RINSATE BLANK	Total/NA	Water	3020A	
180-189821-7	FIELD BLANK	Total/NA	Water	3020A	
MB 480-745332/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-745332/2-A	Lab Control Sample	Total/NA	Water	3020A	

Prep Batch: 745334

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189821-8	MW-4R DISSOLVED METALS	Dissolved	Water	3020A	
180-189821-9	MW-8 DISSOLVED METALS	Dissolved	Water	3020A	
MB 480-745334/1-A	Method Blank	Total/NA	Water	3020A	
LCS 480-745334/2-A	Lab Control Sample	Total/NA	Water	3020A	

Analysis Batch: 745448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189821-8	MW-4R DISSOLVED METALS	Dissolved	Water	EPA 6020B	745334
180-189821-9	MW-8 DISSOLVED METALS	Dissolved	Water	EPA 6020B	745334
MB 480-745334/1-A	Method Blank	Total/NA	Water	EPA 6020B	745334
LCS 480-745334/2-A	Lab Control Sample	Total/NA	Water	EPA 6020B	745334

Analysis Batch: 745526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-189821-1	MW-25	Total/NA	Water	EPA 6020B	745332
180-189821-2	MW-23	Total/NA	Water	EPA 6020B	745332
180-189821-3	MW-26	Total/NA	Water	EPA 6020B	745332
180-189821-4	MW-13	Total/NA	Water	EPA 6020B	745332
180-189821-5	DUPLICATE	Total/NA	Water	EPA 6020B	745332
180-189821-6	RINSATE BLANK	Total/NA	Water	EPA 6020B	745332
180-189821-7	FIELD BLANK	Total/NA	Water	EPA 6020B	745332
MB 480-745332/1-A	Method Blank	Total/NA	Water	EPA 6020B	745332
LCS 480-745332/2-A	Lab Control Sample	Total/NA	Water	EPA 6020B	745332



107A Northside Office Park Drive, Andalusia, AL 36421
Main 334-343-9799
www.waypointanalytical.com

04/29/2025 12:57:04

Export Batch Report

Export Batch Id : 913EXP

Created: 4/29/2025 12:55:34
Computer: WPALMS-125
User: Consuelo C Bradley
Project Manager: Consuelo C Bradley

Page 4 of 6

To: Test America Laboratory - PA
301 Alpha Drive / RIDC Park
Pittsburgh, PA 152382907
412-963-7058

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Due Date	Sample Date	Customer Sample No
25-105-0004	05/14/2025	04/21/2025 13:45	MW-25
25-105-0004	05/14/2025	04/21/2025 15:25	MW-23
25-105-0004	05/14/2025	04/21/2025 17:10	MW-26
25-105-0004	05/14/2025	04/22/2025 08:30	MW-13
25-105-0004	05/14/2025	04/21/2025	Duplicate
25-105-0004	05/14/2025	04/22/2025 09:30	Rinsate Blank
25-105-0004	05/14/2025	04/22/2025 09:45	Field Blank
25-106-0005	05/14/2025	04/15/2025 11:45	MW-4R Dissolved metals
25-106-0005	05/14/2025	04/15/2025 15:30	MW-8 Dissolved metals

Rush Matrix Lab No	Method No
AQU 98041	SW-6020A (Test America)
AQU 98042	SW-6020A (Test America)
AQU 98043	SW-6020A (Test America)
AQU 98044	SW-6020A (Test America)
AQU 98045	SW-6020A (Test America)
AQU 98046	SW-6020A (Test America)
AQU 98047	SW-6020A (Test America)
AQU 97848	SW-6020A (Test America)
AQU 97852	SW-6020A (Test America)

Fee Code Description
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Lithium (by 6020 - sub to Test America in PA)
Dissolved Lithium Field Filtered (by 6020 - sub to Test America)
Dissolved Lithium Field Filtered (by 6020 - sub to Test America)



180-189821 Chain of Custody

Sampled By	Method of Shipment	Blank / Cooler Temp.
Remarks		
Relinquished By (sign)	Date / Time	Received By (sign)
Consuelo C Bradley	04/29/25 01:50	gln
Relinquished By (sign)	Date / Time	Received By (sign)

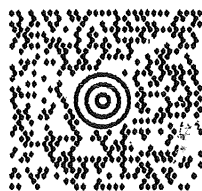
CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DRI
ANDALUSIA AL 36421

5 LBS

3 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4584 5371

1

ALL INFORMATION ON THIS LABEL IS THE PROPERTY OF UPS. IT IS TO BE USED ONLY FOR THE PURPOSES OF TRACKING AND DELIVERY.

Uncorrected temp
Thermometer ID

2.8 °C

26

CF -0.5

Initials

TS

BILLING: P/P



180-189821 Waybill

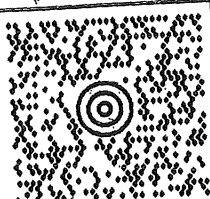
CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DRI
ANDALUSIA AL 36421

15 LBS

2 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

1

TRACKING #: 1Z 9X0 Y85 01 4442 1562

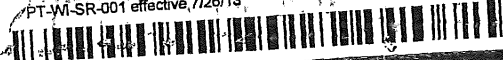
Uncorrected temp
Thermometer ID

4.0 °C
26

CF 50.5

Initials JS

PT-M-SR-001 effective 7/26/13



BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

CONSUELO BRADLEY
(334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DR
ANDALUSIA AL 36421

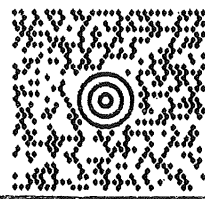
15 LBS

1 OF 3

3 OF 3

SHIP TO:

SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4394 9352

1

PT-WFSR-001 effective 7/26/13

Uncorrected temp
Thermometer ID

3.0 °C
26

CF

-0.5

Initials

JS

PT-WFSR-001 effective 7/26/13

BILLING: P/P

WS 28.0.8 Zebra ZP 450 17.0A 04/2025

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189821-1

Login Number: 189821

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Abernathy, Eric L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-189821-1

Login Number: 189821

List Number: 2

Creator: Yeager, Brian A

List Source: Eurofins Buffalo

List Creation: 05/06/25 11:28 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	16.7 no ice ir# sc
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Analytical Batch: L811979
Analysis Method: 2540C-2011
Analysis Description: Total Dissolved Solids

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 97818, 97819, 97820, 97821, 97822, 97823, 97824, 97825, 97826, 97827, 97828

Parameter	Units	Blank Result	MQL	Analyzed
Total Dissolved Solids	mg/L	<50.0	50.0	04/17/25 17:00

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Dissolved Solids	mg/L	250	241	96.0	90-110

Duplicate N 97828-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Dissolved Solids	mg/L	160	158	1.2	10	04/17/25 17:00

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Analytical Batch: L812611
Analysis Method: 2540C-2011
Analysis Description: Total Dissolved Solids

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 97855, 97856, 97857, 97858, 97893, 97894, 97895, 97896, 97897, 97898

Parameter	Units	Blank Result	MQL	Analyzed
Total Dissolved Solids	mg/L	<12.5	12.5	04/22/25 09:00

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Dissolved Solids	mg/L	250	228	91.0	90-110

Duplicate N 97898-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Dissolved Solids	mg/L	81.0	79.1	2.3	10	04/22/25 09:00

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Analytical Batch: L812845
Analysis Method: 2540C-2011
Analysis Description: Total Dissolved Solids

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 97936, 97937

Parameter	Units	Blank Result	MQL	Analyzed
Total Dissolved Solids	mg/L	<25.0	25.0	04/23/25 08:15

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Dissolved Solids	mg/L	250	248	99.0	90-110

Duplicate L 95881-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Dissolved Solids	mg/L	58.6	54.6	7.0	10	04/23/25 08:15

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Analytical Batch: L813125
Analysis Method: 2540C-2011
Analysis Description: Total Dissolved Solids

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 97938, 97939, 97940

Parameter	Units	Blank Result	MQL	Analyzed
Total Dissolved Solids	mg/L	<50.0	50.0	04/24/25 08:15

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Dissolved Solids	mg/L	250	228	91.0	90-110

Duplicate L 98422-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Dissolved Solids	mg/L	194	190	2.0	10	04/24/25 08:15

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Analytical Batch: L813401
Analysis Method: 2540C-2011
Analysis Description: Total Dissolved Solids

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 98040, 98041, 98042, 98043, 98044, 98045, 98046, 98047

Parameter	Units	Blank Result	MQL	Analyzed
Total Dissolved Solids	mg/L	<12.5	12.5	04/25/25 08:30

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Dissolved Solids	mg/L	250	254	102	90-110

Duplicate N 98047-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Dissolved Solids	mg/L	<12.5	<12.5	21.0*	10	04/25/25 08:30

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep:	L812761	QC Analytical Batch(es):	L813691,L814249
QC Prep Batch Method:	3005A	Analysis Method:	6020B
		Analysis Description:	Metals Analyses

Lab Reagent Blank LRB-L812761 Matrix: AQU
Associated Lab Samples: 97818, 97819, 97820, 97821, 97822, 97823, 97824, 97825, 97826, 97827, 97828

Parameter	Units	Blank Result	MQL	Analyzed
Antimony	mg/L	<0.0010	0.0010	04/29/25 20:25
Arsenic	mg/L	<0.0010	0.0010	04/26/25 11:22
Barium	mg/L	<0.001	0.001	04/26/25 11:22
Beryllium	mg/L	<0.0010	0.0010	04/26/25 11:22
Boron	mg/L	<0.010	0.010	04/26/25 11:22
Cadmium	mg/L	<0.0010	0.0010	04/26/25 11:22
Calcium	mg/L	<0.200	0.200	04/26/25 11:22
Chromium	mg/L	<0.001	0.001	04/26/25 11:22
Cobalt	mg/L	<0.001	0.001	04/26/25 11:22
Lead	mg/L	<0.0010	0.0010	04/26/25 11:22
Molybdenum	mg/L	<0.001	0.001	04/29/25 20:25
Selenium	mg/L	<0.001	0.001	04/26/25 11:22
Thallium	mg/L	<0.0010	0.0010	04/26/25 11:22

Laboratory Control Sample LCS-L812761

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Antimony	mg/L	0.100	0.120	120	80-120
Arsenic	mg/L	0.0500	0.0497	99.0	80-120
Barium	mg/L	0.100	0.102	102	80-120
Beryllium	mg/L	0.0500	0.0532	106	80-120
Boron	mg/L	0.500	0.513	103	80-120
Cadmium	mg/L	0.0100	0.0104	104	80-120
Calcium	mg/L	10.0	11.0	110	80-120
Chromium	mg/L	0.100	0.109	109	80-120
Cobalt	mg/L	0.100	0.107	107	80-120
Lead	mg/L	0.0500	0.0489	98.0	80-120

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L812761
QC Prep Batch Method: 3005A
QC Analytical Batch(es): L813691,L814249
Analysis Method: 6020B
Analysis Description: Metals Analyses

Laboratory Control Sample LCS-L812761

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Molybdenum	mg/L	0.100	0.114	114	80-120
Selenium	mg/L	0.100	0.102	102	80-120
Thallium	mg/L	0.0100	0.0096	97.0	80-120

Matrix Spike & Matrix Spike Duplicate N 97828-MS-L812761 N 97828-MSD-L812761

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Antimony	mg/L	<0.0010	0.100	0.100	0.119	0.119	119	119	75-125	0.0	20
Arsenic	mg/L	<0.0010	0.0500	0.0500	0.0528	0.0537	106	107	75-125	1.6	20
Barium	mg/L	0.043	0.100	0.100	0.150	0.149	107	106	75-125	0.6	20
Beryllium	mg/L	<0.0010	0.0500	0.0500	0.0492	0.0487	98.0	97.0	75-125	1.0	20
Boron	mg/L	0.127	0.500	0.500	0.593	0.603	93.0	95.0	75-125	1.6	20
Cadmium	mg/L	<0.0010	0.0100	0.0100	0.0106	0.0105	106	105	75-125	0.9	20
Calcium	mg/L	23.4	10.0	10.0	33.7	33.9	103	105	75-125	0.5	20
Chromium	mg/L	<0.001	0.100	0.100	0.106	0.108	105	107	75-125	1.8	20
Cobalt	mg/L	<0.001	0.100	0.100	0.105	0.108	105	108	75-125	2.8	20
Lead	mg/L	<0.0010	0.0500	0.0500	0.0480	0.0471	96.0	94.0	75-125	1.8	20
Molybdenum	mg/L	<0.001	0.100	0.100	0.100	0.097	99.0	97.0	75-125	2.5	20
Selenium	mg/L	<0.001	0.100	0.100	0.107	0.109	107	109	75-125	1.8	20
Thallium	mg/L	<0.0010	0.0100	0.0100	0.0095	0.0095	95.0	96.0	75-125	0.6	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep:	L813343	QC Analytical Batch(es):	L814543,L816090
QC Prep Batch Method:	3005A	Analysis Method:	6020B
		Analysis Description:	Metals Analyses

Lab Reagent Blank LRB-L813343 Matrix: AQU
Associated Lab Samples: 97855, 97856, 97857, 97858, 97893, 97894

Parameter	Units	Blank Result	MQL	Analyzed
Antimony	mg/L	<0.0010	0.0010	04/30/25 21:17
Arsenic	mg/L	<0.0010	0.0010	04/30/25 21:17
Barium	mg/L	<0.001	0.001	04/30/25 21:17
Beryllium	mg/L	<0.0010	0.0010	04/30/25 21:17
Boron	mg/L	<0.010	0.010	04/30/25 21:17
Cadmium	mg/L	<0.0010	0.0010	04/30/25 21:17
Calcium	mg/L	<0.200	0.200	04/30/25 21:17
Chromium	mg/L	<0.001	0.001	04/30/25 21:17
Cobalt	mg/L	<0.001	0.001	04/30/25 21:17
Lead	mg/L	<0.0010	0.0010	04/30/25 21:17
Molybdenum	mg/L	<0.001	0.001	05/08/25 15:03
Selenium	mg/L	<0.001	0.001	04/30/25 21:17
Thallium	mg/L	<0.0010	0.0010	04/30/25 21:17

Laboratory Control Sample LCS-L813343

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Antimony	mg/L	0.100	0.113	113	80-120
Arsenic	mg/L	0.0500	0.0511	102	80-120
Barium	mg/L	0.100	0.099	99.0	80-120
Beryllium	mg/L	0.0500	0.0529	106	80-120
Boron	mg/L	0.500	0.520	104	80-120
Cadmium	mg/L	0.0100	0.0098	98.0	80-120
Calcium	mg/L	10.0	10.5	105	80-120
Chromium	mg/L	0.100	0.104	104	80-120
Cobalt	mg/L	0.100	0.106	106	80-120
Lead	mg/L	0.0500	0.0491	98.0	80-120

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L813343
QC Prep Batch Method: 3005A
QC Analytical Batch(es): L814543,L816090
Analysis Method: 6020B
Analysis Description: Metals Analyses

Laboratory Control Sample LCS-L813343

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Molybdenum	mg/L	0.100	0.110	110	80-120
Selenium	mg/L	0.100	0.107	107	80-120
Thallium	mg/L	0.0100	0.0095	95.0	80-120

Matrix Spike & Matrix Spike Duplicate N 97894-MS-L813343 N 97894-MSD-L813343

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Antimony	mg/L	<0.0010	0.100	0.100	0.118	0.113	118	113	75-125	4.3	20
Arsenic	mg/L	<0.0050	0.0500	0.0500	0.0550	0.0559	110	112	75-125	1.6	20
Barium	mg/L	0.093	0.100	0.100	0.198	0.193	105	100	75-125	2.5	20
Beryllium	mg/L	<0.0010	0.0500	0.0500	0.0500	0.0479	100	96.0	75-125	4.2	20
Boron	mg/L	0.520	0.500	0.500	0.969	0.948	90.0	86.0	75-125	2.1	20
Cadmium	mg/L	<0.0010	0.0100	0.0100	0.0101	0.0097	101	97.0	75-125	3.6	20
Calcium	mg/L	82.1	10.0	10.0	87.0	90.9	49.0*	88.0	75-125	4.3	20
Chromium	mg/L	<0.010	0.100	0.100	0.100	0.101	100	101	75-125	0.9	20
Cobalt	mg/L	0.034	0.100	0.100	0.135	0.139	101	105	75-125	2.9	20
Lead	mg/L	<0.0010	0.0500	0.0500	0.0489	0.0472	98.0	94.0	75-125	3.5	20
Molybdenum	mg/L	<0.001	0.100	0.100	0.096	0.097	97.0	97.0	75-125	0.1	20
Selenium	mg/L	<0.005	0.100	0.100	0.107	0.108	107	108	75-125	0.9	20
Thallium	mg/L	<0.0010	0.0100	0.0100	0.0100	0.0097	100	98.0	75-125	2.3	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L813449
QC Prep Batch Method: 3005A
QC Analytical Batch(es): L814543
Analysis Method: 6020B
Analysis Description: Metals Analyses

Lab Reagent Blank LRB-L813449 Matrix: AQU
Associated Lab Samples: 97895, 97896, 97897, 97898, 97936, 97937, 97938, 97939, 97940, 98040, 98041, 98042, 98043, 98044, 98045, 98046, 98047

Parameter	Units	Blank Result	MQL	Analyzed
Antimony	mg/L	<0.0010	0.0010	05/01/25 00:11
Arsenic	mg/L	<0.0010	0.0010	05/01/25 00:11
Barium	mg/L	<0.001	0.001	05/01/25 00:11
Beryllium	mg/L	<0.0010	0.0010	05/01/25 00:11
Boron	mg/L	<0.010	0.010	05/01/25 00:11
Cadmium	mg/L	<0.0010	0.0010	05/01/25 00:11
Calcium	mg/L	<0.200	0.200	05/01/25 00:11
Chromium	mg/L	<0.001	0.001	05/01/25 00:11
Cobalt	mg/L	<0.001	0.001	05/01/25 00:11
Lead	mg/L	<0.0010	0.0010	05/01/25 00:11
Molybdenum	mg/L	<0.001	0.001	05/01/25 00:11
Selenium	mg/L	<0.001	0.001	05/01/25 00:11
Thallium	mg/L	<0.0010	0.0010	05/01/25 00:11

Laboratory Control Sample LCS-L813449

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Antimony	mg/L	0.100	0.115	115	80-120
Arsenic	mg/L	0.0500	0.0514	103	80-120
Barium	mg/L	0.100	0.098	98.0	80-120
Beryllium	mg/L	0.0500	0.0524	105	80-120
Boron	mg/L	0.500	0.515	103	80-120
Cadmium	mg/L	0.0100	0.0101	101	80-120
Calcium	mg/L	10.0	10.4	104	80-120
Chromium	mg/L	0.100	0.103	103	80-120
Cobalt	mg/L	0.100	0.105	105	80-120
Lead	mg/L	0.0500	0.0497	99.0	80-120

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep:	L813449	QC Analytical Batch(es):	L814543
QC Prep Batch Method:	3005A	Analysis Method:	6020B
		Analysis Description:	Metals Analyses

Laboratory Control Sample LCS-L813449

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Molybdenum	mg/L	0.100	0.092	93.0	80-120
Selenium	mg/L	0.100	0.107	107	80-120
Thallium	mg/L	0.0100	0.0098	98.0	80-120

Matrix Spike & Matrix Spike Duplicate N 98047-MS-L813449 N 98047-MSD-L813449

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Antimony	mg/L	<0.0010	0.100	0.100	0.112	0.109	112	109	75-125	2.7	20
Arsenic	mg/L	<0.0010	0.0500	0.0500	0.0492	0.0517	98.0	103	75-125	4.9	20
Barium	mg/L	<0.001	0.100	0.100	0.096	0.096	97.0	96.0	75-125	0.7	20
Beryllium	mg/L	<0.0010	0.0500	0.0500	0.0504	0.0518	101	104	75-125	2.7	20
Boron	mg/L	<0.010	0.500	0.500	0.508	0.524	102	105	75-125	3.1	20
Cadmium	mg/L	<0.0010	0.0100	0.0100	0.0098	0.0095	98.0	95.0	75-125	2.9	20
Calcium	mg/L	<0.200	10.0	10.0	10.1	10.4	101	104	75-125	2.9	20
Chromium	mg/L	<0.001	0.100	0.100	0.099	0.104	99.0	103	75-125	4.0	20
Cobalt	mg/L	<0.001	0.100	0.100	0.102	0.107	102	107	75-125	4.7	20
Lead	mg/L	<0.0010	0.0500	0.0500	0.0498	0.0503	100	101	75-125	0.9	20
Molybdenum	mg/L	<0.001	0.100	0.100	0.091	0.091	91.0	91.0	75-125	0.2	20
Selenium	mg/L	<0.001	0.100	0.100	0.102	0.106	102	106	75-125	3.8	20
Thallium	mg/L	<0.0010	0.0100	0.0100	0.0098	0.0099	98.0	99.0	75-125	0.7	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep:	L815733	QC Analytical Batch(es):	L815952
QC Prep Batch Method:	7470A	Analysis Method:	7470A
		Analysis Description:	Total Aqueous Mercury Analysis - CVAA

Lab Reagent Blank LRB-L815733 Matrix: AQU
Associated Lab Samples: 97818, 97819, 97820

Parameter	Units	Blank Result	MQL	Analyzed
Mercury	mg/L	<0.00020	0.00020	05/08/25 14:46

Laboratory Control Sample LCS-L815733

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/L	0.00400	0.00396	99.0	80-120

Matrix Spike & Matrix Spike Duplicate N 97820-MS-L815733 N 97820-MSD-L815733

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/L	<0.00020	0.00400	0.00400	0.00395	0.00378	99.0	95.0	80-120	4.3	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep:	L815737	QC Analytical Batch(es):	L815952
QC Prep Batch Method:	7470A	Analysis Method:	7470A
		Analysis Description:	Total Aqueous Mercury Analysis - CVAA

Lab Reagent Blank LRB-L815737 Matrix: AQU
Associated Lab Samples: 97821, 97822, 97823, 97824, 97825, 97826, 97827, 97828, 97855, 97856, 97857, 97858, 97893, 97894, 97895, 97896, 97897, 97898, 97936, 97937

Parameter	Units	Blank Result	MQL	Analyzed
Mercury	mg/L	<0.00020	0.00020	05/08/25 15:32

Laboratory Control Sample LCS-L815737

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/L	0.00400	0.00402	101	80-120

Matrix Spike & Matrix Spike Duplicate N 97937-MS-L815737 N 97937-MSD-L815737

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/L	<0.00020	0.00400	0.00400	0.00374	0.00367	94.0	92.0	80-120	1.8	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L816039 **QC Analytical Batch(es):** L816151
QC Prep Batch Method: 7470A **Analysis Method:** 7470A
Analysis Description: Total Aqueous Mercury Analysis - CVAA

Lab Reagent Blank LRB-L816039 Matrix: AQU
Associated Lab Samples: 97938, 97939, 97940, 98040, 98041, 98042, 98043, 98044, 98045, 98046, 98047

Parameter	Units	Blank Result	MQL	Analyzed
Mercury	mg/L	<0.00020	0.00020	05/09/25 14:51

Laboratory Control Sample LCS-L816039

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/L	0.00400	0.00379	95.0	80-120

Matrix Spike & Matrix Spike Duplicate N 98047-MS-L816039 N 98047-MSD-L816039

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/L	<0.00020	0.00400	0.00400	0.00373	0.00365	93.0	91.0	80-120	2.1	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L812337	QC Analytical Batch(es): L812365
QC Prep Batch Method: SW-9056A (PREP)	Analysis Method: 9056A
	Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L812337 Matrix: AQU
Associated Lab Samples: 97818, 97819, 97820, 97821, 97822

Parameter	Units	Blank Result	MQL	Analyzed
Chloride	mg/L	<0.400	0.400	04/18/25 07:55
Fluoride (w/o distillation)	mg/L	<0.125	0.125	04/18/25 07:55
Sulfate	mg/L	<1.00	1.00	04/18/25 07:55

Laboratory Control Sample & LCSD LCS-L812337 LCSD-L812337

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Chloride	mg/L	50.0	51.9	52.0	104	104	80-120	0.1	20
Fluoride (w/o distillation)	mg/L	6.25	6.08	6.33	97.0	101	80-120	4.0	20
Sulfate	mg/L	62.5	62.3	63.7	100	102	80-120	2.2	20

Matrix Spike & Matrix Spike Duplicate L 96355-MS-L812337 L 96355-MSD-L812337

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Chloride	mg/L	5.93	26.3	26.3	32.0	33.9	99.0	106	80-120	5.7	15
Fluoride (w/o distillation)	mg/L	<0.131	3.29	3.29	3.27	3.46	99.0	105	80-120	5.6	15
Sulfate	mg/L	41.9	32.9	32.9	73.6	75.5	96.0	102	80-120	2.5	15

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L812339 **QC Analytical Batch(es):** L812367
QC Prep Batch Method: SW-9056A (PREP) **Analysis Method:** 9056A
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L812339 Matrix: AQU
Associated Lab Samples: 97823, 97824, 97825, 97826, 97827, 97828, 97855, 97856, 97857, 97858, 97893, 97894, 97895, 97896, 97897, 97898

Parameter	Units	Blank Result	MQL	Analyzed
Chloride	mg/L	<0.400	0.400	04/18/25 08:02
Fluoride (w/o distillation)	mg/L	<0.125	0.125	04/18/25 08:02
Sulfate	mg/L	<1.00	1.00	04/18/25 08:02

Laboratory Control Sample & LCSD LCS-L812339 LCSD-L812339

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Chloride	mg/L	50.0	51.2	53.0	102	106	80-120	3.4	20
Fluoride (w/o distillation)	mg/L	6.25	6.29	6.52	101	104	80-120	3.5	20
Sulfate	mg/L	62.5	67.9	67.9	109	109	80-120	0.0	20

Matrix Spike & Matrix Spike Duplicate N 97857-MS-L812339 N 97857-MSD-L812339

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Fluoride (w/o distillation)	mg/L	<0.131	3.29	3.29	3.39	3.53	103	107	80-120	4.0	15

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L812897 **QC Analytical Batch(es):** L812940
QC Prep Batch Method: SW-9056A (PREP) **Analysis Method:** 9056A
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L812897 Matrix: AQU
Associated Lab Samples: 97936, 97937, 97938, 97939, 97940

Parameter	Units	Blank Result	MQL	Analyzed
Chloride	mg/L	<0.400	0.400	04/22/25 12:25
Fluoride (w/o distillation)	mg/L	<0.125	0.125	04/22/25 12:25
Sulfate	mg/L	<1.00	1.00	04/22/25 12:25

Laboratory Control Sample & LCSD LCS-L812897 LCSD-L812897

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Chloride	mg/L	50.0	48.1	49.0	96.0	98.0	80-120	1.8	20
Fluoride (w/o distillation)	mg/L	6.25	6.51	6.59	104	105	80-120	1.2	20
Sulfate	mg/L	62.5	58.8	60.2	94.0	96.0	80-120	2.3	20

Matrix Spike & Matrix Spike Duplicate N 97940-MS-L812897 N 97940-MSD-L812897

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Chloride	mg/L	96.8	26.3	26.3	119	119	84.0	84.0	80-120	0.0	15
Fluoride (w/o distillation)	mg/L	1.45	3.29	3.29	5.55	5.33	125*	118	80-120	4.0	15
Sulfate	mg/L	107	32.9	32.9	139	138	97.0	94.0	80-120	0.7	15

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-105-0004

QC Prep: L813769 **QC Analytical Batch(es):** L813991
QC Prep Batch Method: SW-9056A (PREP) **Analysis Method:** 9056A
Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L813769 Matrix: AQU
Associated Lab Samples: 98040, 98041, 98042, 98043, 98044, 98045, 98046, 98047

Parameter	Units	Blank Result	MQL	Analyzed
Chloride	mg/L	<0.400	0.400	04/28/25 07:41
Fluoride (w/o distillation)	mg/L	<0.125	0.125	04/28/25 07:41
Sulfate	mg/L	<1.00	1.00	04/28/25 07:41

Laboratory Control Sample & LCSD LCS-L813769 LCSD-L813769

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Chloride	mg/L	50.0	49.8	49.5	100	99.0	80-120	0.6	20
Fluoride (w/o distillation)	mg/L	6.25	6.45	6.48	103	104	80-120	0.4	20
Sulfate	mg/L	62.5	61.7	61.4	99.0	98.0	80-120	0.4	20

Matrix Spike & Matrix Spike Duplicate L 81285-MS-L813769 L 81285-MSD-L813769

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Chloride	mg/L	5.48	26.3	26.3	31.7	32.6	100	103	80-120	2.7	15
Fluoride (w/o distillation)	mg/L	<0.131	3.29	3.29	3.63	3.79	110	115	80-120	4.3	15
Sulfate	mg/L	34.8	32.9	32.9	66.7	67.8	97.0	100	80-120	1.6	15

Shipment Receipt Form

Customer Number: **00001**

Customer Name: **Three Notch Group**

Report Number: **25-105-0004**

Shipping Method

☐ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☒ UPS	☐ Client	☐ Courier	Thermometer ID:	T202

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:

[illegible]

[illegible]

[illegible]

For Laboratory Use Only					
Client Name/Address		Client Project Manager/Contact		Billing Information	
Three Notch Group Auth # 6 PSEL Lowman		Alan Barck			
Project Description		Project/Site Location (City/State)		RUSH - Additional charges apply Special Detection Limit(s) Date Results Needed	
RO2122AR007		Jackson, AL			
Project Number		Project Manager Phone #		Project Manager Email	
Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400 2025				alan.barck@notch.com	
Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(g)rab or (C)omposite
4/16	1640	MW-2R	5 GW	G	2
4/16	1520	MW-11	5 GW	G	2
4/17	1200	MW-17	5 GW	G	2
4/17	1040	MW-21	5 GW	G	2
4/17	1325	MW-5A	5 GW	G	2
Required Analysis					
TDS, etc.					
Lithium					
HNO ₃ HVO ₃					
TOX/Metals					
HNO ₃ HVO ₃					
Radon 222/228					
CDG Three Notch Group 25-105-0004 04-16-2025 09:45:53					
CDG Three Notch Group 25-105-0004 04-16-2025 10:00:46					
Comments/Notes					
Routine regulatory samples ✓					
Site/Facility ID #					
Purchase Order Number					
Method of Shipment ☐ Fed Ex ☐ UPS ☐ Client Drop Off ☐ Other					
Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil /Solid O - Oil P - Product M - Misc					
Cool <= 10C Na2S2O3 (Micro Only) Cool <= 6C H2SO4 pH<2 None Required NaOH pH>10 HNO3 pH<2 HCL pH<2 H3PO4 pH<2 Cool <= 6C NA2S2O3					
Client Remarks/Comments					
Signed by: (SIGNATURE) Grant Marcum					
Relinquished by: (SIGNATURE)					
Relinquished by: (SIGNATURE)					
Relinquished by: (SIGNATURE)					
Lab Comments					
Ice Y/N					
Custody Seals Y/N					
Blank/Cooler Temp					

[illegible]

5/21/2025

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL, 36420

Ref: Analytical Testing
Lab Report Number: 25-105-0003
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Dear Mr. Alan Barck:

Waypoint Analytical, LLC (Andalusia) received sample(s) on 4/15/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

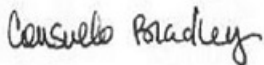
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Consuelo C Bradley

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	SC #84002
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #80215	PA DEP #68-03195

Sample Summary Table

Report Number: 25-105-0003
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97807	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	EPA-903.1	413
97807	MW-5	Aqueous	04/10/2025 16:35	04/15/2025 10:00	EPA-904.0	413
97808	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	EPA-903.1	413
97808	MW-9	Aqueous	04/10/2025 14:00	04/15/2025 10:00	EPA-904.0	413
97809	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	EPA-904.0	413
97809	MW-12	Aqueous	04/10/2025 11:40	04/15/2025 10:00	EPA-903.1	413
97810	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	EPA-903.1	413
97810	MW-12A	Aqueous	04/10/2025 10:55	04/15/2025 10:00	EPA-904.0	413
97811	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	EPA-904.0	413
97811	MW-13A	Aqueous	04/10/2025 14:50	04/15/2025 10:00	EPA-903.1	413
97812	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	EPA-904.0	413
97812	MW-14	Aqueous	04/10/2025 17:30	04/15/2025 10:00	EPA-903.1	413
97813	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	EPA-904.0	413
97813	MW-14B	Aqueous	04/11/2025 10:40	04/15/2025 10:00	EPA-903.1	413
97814	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	EPA-903.1	413
97814	MW-15	Aqueous	04/11/2025 07:50	04/15/2025 10:00	EPA-904.0	413
97815	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	EPA-904.0	413
97815	MW-16	Aqueous	04/11/2025 08:45	04/15/2025 10:00	EPA-903.1	413
97816	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	EPA-904.0	413
97816	MW-18	Aqueous	04/11/2025 09:45	04/15/2025 10:00	EPA-903.1	413
97817	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	EPA-904.0	413
97817	MW-19	Aqueous	04/10/2025 15:55	04/15/2025 10:00	EPA-903.1	413
97859	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	EPA-904.0	413
97859	MW-4R	Aqueous	04/15/2025 11:45	04/15/2025 10:00	EPA-903.1	413
97860	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	EPA-904.0	413
97860	MW-8	Aqueous	04/15/2025 15:30	04/15/2025 10:00	EPA-903.1	413

413 : Pace Analytical Services-Pittsburgh, Greensburg, PA

Sample Summary Table

Report Number: 25-105-0003
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
97861	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	EPA-904.0	413
97861	MW-10	Aqueous	04/15/2025 13:15	04/15/2025 10:00	EPA-903.1	413
97862	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	EPA-904.0	413
97862	MW-20	Aqueous	04/15/2025 14:20	04/15/2025 10:00	EPA-903.1	413
97887	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	EPA-903.1	413
97887	MW-7	Aqueous	04/15/2025 16:40	04/15/2025 10:00	EPA-904.0	413
97888	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	EPA-904.0	413
97888	MW-14A	Aqueous	04/15/2025 17:40	04/15/2025 10:00	EPA-903.1	413
97889	MW-22	Aqueous	04/16/2025 08:15	04/15/2025 10:00	EPA-904.0	413
97889	MW-22	Aqueous	04/16/2025 08:15	04/15/2025 10:00	EPA-903.1	413
97890	MW-6	Aqueous	04/16/2025 09:35	04/15/2025 10:00	EPA-904.0	413
97890	MW-6	Aqueous	04/16/2025 09:35	04/15/2025 10:00	EPA-903.1	413
97891	MW-1	Aqueous	04/16/2025 12:30	04/15/2025 10:00	EPA-904.0	413
97891	MW-1	Aqueous	04/16/2025 12:30	04/15/2025 10:00	EPA-903.1	413
97892	MW-3	Aqueous	04/16/2025 10:40	04/15/2025 10:00	EPA-904.0	413
97892	MW-3	Aqueous	04/16/2025 10:40	04/15/2025 10:00	EPA-903.1	413
97931	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	EPA-904.0	413
97931	MW-2R	Aqueous	04/16/2025 16:40	04/15/2025 10:00	EPA-903.1	413
97932	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	EPA-904.0	413
97932	MW-11	Aqueous	04/16/2025 15:20	04/15/2025 10:00	EPA-903.1	413
97933	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	EPA-904.0	413
97933	MW-17	Aqueous	04/17/2025 12:00	04/15/2025 10:00	EPA-903.1	413
97934	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	EPA-904.0	413
97934	MW-21	Aqueous	04/17/2025 10:40	04/15/2025 10:00	EPA-903.1	413
97935	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	EPA-904.0	413
97935	MW-5A	Aqueous	04/17/2025 13:25	04/15/2025 10:00	EPA-903.1	413

413 : Pace Analytical Services-Pittsburgh, Greensburg, PA

Sample Summary Table

Report Number: 25-105-0003
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
98032	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	EPA-904.0	413
98032	MW-24	Aqueous	04/21/2025 11:15	04/15/2025 10:00	EPA-903.1	413
98033	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	EPA-904.0	413
98033	MW-25	Aqueous	04/21/2025 13:45	04/15/2025 10:00	EPA-903.1	413
98034	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	EPA-904.0	413
98034	MW-23	Aqueous	04/21/2025 15:25	04/15/2025 10:00	EPA-903.1	413
98035	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	EPA-904.0	413
98035	MW-26	Aqueous	04/21/2025 17:10	04/15/2025 10:00	EPA-903.1	413
98036	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	EPA-904.0	413
98036	MW-13	Aqueous	04/22/2025 08:30	04/15/2025 10:00	EPA-903.1	413
98037	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	EPA-903.1	413
98037	Duplicate	Aqueous	04/21/2025	04/15/2025 10:00	EPA-904.0	413
98038	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	EPA-904.0	413
98038	Rinsate Blank	Aqueous	04/22/2025 09:30	04/15/2025 10:00	EPA-903.1	413
98039	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	EPA-904.0	413
98039	Field Blank	Aqueous	04/22/2025 09:45	04/15/2025 10:00	EPA-903.1	413



May 20, 2025

Ms. Consuelo Bradley
Waypoint Analytical LLC-AL
107A Northside Office Park Dr.
Andalusia, AL 36421

RE: Project: 25-105-0003
Pace Project No.: 30775028

Dear Ms. Bradley:

Enclosed are the analytical results for sample(s) received by the laboratory on April 29, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nikayla M. Yasurek

Nikayla M. Yasurek
nikayla.yasurek@pacelabs.com
(724)850-5600
Project Manager

Enclosures

cc: Ms. Kim Stricklan, Waypoint Analytical LLC-AL



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 25-105-0003

Pace Project No.: 30775028

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

ANABISO/IEC 17025:2017 Rad Cert#: L24170

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 2950

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA010

Louisiana DEQ/TNI Certification #: 04086

Maine Certification #: 2023021

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572023-03

New Hampshire/TNI Certification #: 297622

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-015

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: TN02867

Texas/TNI Certification #: T104704188-22-18

Utah/TNI Certification #: PA014572223-14

USDA Soil Permit #: 525-23-67-77263

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 460198

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 25-105-0003

Pace Project No.: 30775028

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30775028001	25-105-0003 MW-5	Water	04/10/25 16:35	04/29/25 10:20
30775028002	25-105-0003 MW-9	Water	04/10/25 14:00	04/29/25 10:20
30775028003	25-105-0003 MW-12	Water	04/10/25 11:40	04/29/25 10:20
30775028004	25-105-0003 MW-12A	Water	04/10/25 10:55	04/29/25 10:20
30775028005	25-105-0003 MW-13A	Water	04/10/25 14:50	04/29/25 10:20
30775028006	25-105-0003 MW-14	Water	04/10/25 17:30	04/29/25 10:20
30775028007	25-105-0003 MW-14B	Water	04/11/25 10:40	04/29/25 10:20
30775028008	25-105-0003 MW-15	Water	04/11/25 07:50	04/29/25 10:20
30775028009	25-105-0003 MW-16	Water	04/11/25 08:45	04/29/25 10:20
30775028010	25-105-0003 MW-18	Water	04/11/25 09:45	04/29/25 10:20
30775028011	25-105-0003 MW-19	Water	04/10/25 15:55	04/29/25 10:20
30775028012	25-105-0003 MW-4R	Water	04/15/25 11:45	04/29/25 10:20
30775028013	25-105-0003 MW-8	Water	04/15/25 15:30	04/29/25 10:20
30775028014	25-105-0003 MW-10	Water	04/15/25 13:15	04/29/25 10:20
30775028015	25-105-0003 MW-20	Water	04/15/25 14:20	04/29/25 10:20
30775028016	25-105-0003 MW-7	Water	04/15/25 16:40	04/29/25 10:20
30775028017	25-105-0003 MW-14A	Water	04/15/25 17:40	04/29/25 10:20
30775028018	25-105-0003 MW-22	Water	04/16/25 08:15	04/29/25 10:20
30775028019	25-105-0003 MW-6	Water	04/16/25 09:35	04/29/25 10:20
30775028020	25-105-0003 MW-1	Water	04/16/25 12:30	04/29/25 10:20
30775028021	25-105-0003 MW-3	Water	04/16/25 10:40	04/29/25 10:20
30775028022	25-105-0003 MW-2R	Water	04/16/25 16:40	04/29/25 10:20
30775028023	25-105-0003 MW-11	Water	04/16/25 15:20	04/29/25 10:20
30775028024	25-105-0003 MW-17	Water	04/17/25 12:00	04/29/25 10:20
30775028025	25-105-0003 MW-21	Water	04/17/25 10:40	04/29/25 10:20
30775028026	25-105-0003 MW-5A	Water	04/17/25 13:25	04/29/25 10:20
30775028027	25-105-0003 MW-24	Water	04/21/25 11:15	04/29/25 10:20
30775028028	25-105-0003 MW-25	Water	04/21/25 13:45	04/29/25 10:20
30775028029	25-105-0003 MW-23	Water	04/21/25 15:25	04/29/25 10:20
30775028030	25-105-0003 MW-26	Water	04/21/25 17:10	04/29/25 10:20
30775028031	25-105-0003 MW-13	Water	04/22/25 08:30	04/29/25 10:20
30775028032	25-105-0003 Duplicate	Water	04/21/25 08:30	04/29/25 10:20
30775028033	25-105-0003 Rinsate Blank	Water	04/22/25 09:30	04/29/25 10:20
30775028034	25-105-0003 Field Blank	Water	04/22/25 09:45	04/29/25 10:20

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 25-105-0003
Pace Project No.: 30775028

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30775028001	25-105-0003 MW-5	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028002	25-105-0003 MW-9	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028003	25-105-0003 MW-12	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028004	25-105-0003 MW-12A	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028005	25-105-0003 MW-13A	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028006	25-105-0003 MW-14	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028007	25-105-0003 MW-14B	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028008	25-105-0003 MW-15	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028009	25-105-0003 MW-16	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028010	25-105-0003 MW-18	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028011	25-105-0003 MW-19	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028012	25-105-0003 MW-4R	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028013	25-105-0003 MW-8	EPA 903.1	LL1	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 25-105-0003

Pace Project No.: 30775028

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30775028014	25-105-0003 MW-10	EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
30775028015	25-105-0003 MW-20	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028016	25-105-0003 MW-7	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
30775028017	25-105-0003 MW-14A	EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
30775028018	25-105-0003 MW-22	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028019	25-105-0003 MW-6	EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
30775028020	25-105-0003 MW-1	EPA 904.0	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	LL1	1	PASI-PA
		EPA 904.0	ZPC	1	PASI-PA
30775028021	25-105-0003 MW-3	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028022	25-105-0003 MW-2R	EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
30775028023	25-105-0003 MW-11	EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028024	25-105-0003 MW-17	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
30775028025	25-105-0003 MW-21	EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: 25-105-0003

Pace Project No.: 30775028

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30775028026	25-105-0003 MW-5A	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028027	25-105-0003 MW-24	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028028	25-105-0003 MW-25	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028029	25-105-0003 MW-23	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028030	25-105-0003 MW-26	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028031	25-105-0003 MW-13	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028032	25-105-0003 Duplicate	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028033	25-105-0003 Rinsate Blank	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
30775028034	25-105-0003 Field Blank	Total Radium Calculation	JAL	1	PASI-PA
		EPA 903.1	CLM	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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PROJECT NARRATIVE

Project: 25-105-0003
Pace Project No.: 30775028

Method: EPA 903.1
Description: 903.1 Radium 226
Client: Waypoint Analytical LLC-AL
Date: May 20, 2025

General Information:

34 samples were analyzed for EPA 903.1 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 25-105-0003

Pace Project No.: 30775028

Method: EPA 904.0

Description: 904.0 Radium 228

Client: Waypoint Analytical LLC-AL

Date: May 20, 2025

General Information:

34 samples were analyzed for EPA 904.0 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: 25-105-0003
Pace Project No.: 30775028

Method: Total Radium Calculation
Description: Total Radium 228+226
Client: Waypoint Analytical LLC-AL
Date: May 20, 2025

General Information:

34 samples were analyzed for Total Radium Calculation by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-5		Lab ID: 30775028001	Collected: 04/10/25 16:35	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Radium-226	EPA 903.1	-0.0559 ± 0.525 (1.05) C:NA T:88%		pCi/L	05/16/25 13:42	13982-63-3	
Pace Analytical Services - Greensburg							
Radium-228	EPA 904.0	0.640 ± 0.451 (0.885) C:89% T:82%		pCi/L	05/15/25 14:49	15262-20-1	
Pace Analytical Services - Greensburg							
Total Radium	Total Radium Calculation	0.640 ± 0.976 (1.94)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-9		Lab ID: 30775028002	Collected: 04/10/25 14:00	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Radium-226	EPA 903.1	0.104 ± 0.644 (1.19) C:NA T:92%		pCi/L	05/16/25 13:42	13982-63-3	
Pace Analytical Services - Greensburg							
Radium-228	EPA 904.0	1.13 ± 0.494 (0.811) C:76% T:88%		pCi/L	05/15/25 14:49	15262-20-1	
Pace Analytical Services - Greensburg							
Total Radium	Total Radium Calculation	1.23 ± 1.14 (2.00)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-12		Lab ID: 30775028003	Collected: 04/10/25 11:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:42	13982-63-3	
	EPA 903.1	0.108 ± 0.558 (1.05) C:NA T:91%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:49	15262-20-1	
	EPA 904.0	0.577 ± 0.372 (0.704) C:87% T:89%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	0.685 ± 0.930 (1.75)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-12A		Lab ID: 30775028004	Collected: 04/10/25 10:55	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 14:07	13982-63-3	
	EPA 903.1	0.106 ± 0.585 (1.09) C:NA T:95%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:49	15262-20-1	
	EPA 904.0	0.933 ± 0.470 (0.827) C:78% T:89%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	1.04 ± 1.06 (1.92)					

Sample: 25-105-0003 MW-13A		Lab ID: 30775028005	Collected: 04/10/25 14:50	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.0522 ± 0.587 (1.11) C:NA T:88%		pCi/L	05/16/25 13:42	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.497 ± 0.390 (0.771) C:88% T:85%		pCi/L	05/15/25 14:50	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	0.549 ± 0.977 (1.88)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-14		Lab ID: 30775028006	Collected: 04/10/25 17:30	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:42	13982-63-3	
	EPA 903.1	0.104 ± 0.611 (1.14) C:NA T:90%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:50	15262-20-1	
	EPA 904.0	0.641 ± 0.410 (0.759) C:83% T:82%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	0.745 ± 1.02 (1.90)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-14B		Lab ID: 30775028007	Collected: 04/11/25 10:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:42	13982-63-3	
	EPA 903.1	0.711 ± 0.739 (1.20) C:NA T:93%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:50	15262-20-1	
	EPA 904.0	0.464 ± 0.390 (0.780) C:88% T:87%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	1.18 ± 1.13 (1.98)					

Sample: 25-105-0003 MW-15		Lab ID: 30775028008	Collected: 04/11/25 07:50	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:54	13982-63-3	
	EPA 903.1	0.758 ± 0.788 (1.28) C:NA T:84%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:50	15262-20-1	
	EPA 904.0	1.27 ± 0.468 (0.691) C:90% T:84%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	2.03 ± 1.26 (1.97)					

Sample: 25-105-0003 MW-16		Lab ID: 30775028009	Collected: 04/11/25 08:45	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:54	13982-63-3	
	EPA 903.1	1.06 ± 0.491 (0.151) C:NA T:91%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:50	15262-20-1	
	EPA 904.0	0.702 ± 0.359 (0.621) C:89% T:86%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	1.76 ± 0.850 (0.772)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-18		Lab ID: 30775028010	Collected: 04/11/25 09:45	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.214 ± 0.534 (0.968) C:NA T:91%		pCi/L	05/16/25 13:54	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.481 ± 0.322 (0.613) C:87% T:95%		pCi/L	05/15/25 14:50	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	0.695 ± 0.856 (1.58)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-19		Lab ID: 30775028011	Collected: 04/10/25 15:55	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.000 ± 0.394 (0.797) C:NA T:96%		pCi/L	05/16/25 13:54	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.0823 ± 0.265 (0.600) C:89% T:86%		pCi/L	05/15/25 14:49	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	0.0823 ± 0.659 (1.40)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-4R		Lab ID: 30775028012	Collected: 04/15/25 11:45	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:54	13982-63-3	
	EPA 903.1	0.734 ± 0.687 (1.09) C:NA T:96%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 14:49	15262-20-1	
	EPA 904.0	0.891 ± 0.408 (0.657) C:75% T:88%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	1.63 ± 1.10 (1.75)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-8		Lab ID: 30775028013	Collected: 04/15/25 15:30	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:54	13982-63-3	
	EPA 903.1	0.238 ± 0.681 (1.23) C:NA T:90%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 18:05	15262-20-1	
	EPA 904.0	0.366 ± 0.430 (0.901) C:85% T:87%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	0.604 ± 1.11 (2.13)					

Sample: 25-105-0003 MW-10		Lab ID: 30775028014	Collected: 04/15/25 13:15	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	-0.216 ± 0.579 (1.18) C:NA T:91%		pCi/L	05/16/25 13:54	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.609 ± 0.438 (0.835) C:87% T:86%		pCi/L	05/15/25 18:05	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	0.609 ± 1.02 (2.02)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-20		Lab ID: 30775028015	Collected: 04/15/25 14:20	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 13:54	13982-63-3	
	EPA 903.1	0.0652 ± 0.664 (1.27) C:NA T:88%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 18:05	15262-20-1	
	EPA 904.0	0.741 ± 0.491 (0.926) C:87% T:87%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	0.806 ± 1.16 (2.20)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-7		Lab ID: 30775028016	Collected: 04/15/25 16:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.0573 ± 0.584 (1.12) C:NA T:90%		pCi/L	05/16/25 14:07	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	1.11 ± 0.538 (0.909) C:87% T:88%		pCi/L	05/15/25 18:05	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	1.17 ± 1.12 (2.03)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-14A		Lab ID: 30775028017	Collected: 04/15/25 17:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 14:07	13982-63-3	
	EPA 903.1	0.0589 ± 0.347 (0.708) C:NA T:87%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 18:05	15262-20-1	
	EPA 904.0	1.02 ± 0.585 (1.07) C:83% T:87%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	1.08 ± 0.932 (1.78)					

Sample: 25-105-0003 MW-22		Lab ID: 30775028018	Collected: 04/16/25 08:15	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 14:07	13982-63-3	
	EPA 903.1	0.0997 ± 0.535 (1.00) C:NA T:94%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 18:05	15262-20-1	
	EPA 904.0	0.0960 ± 0.355 (0.810) C:90% T:93%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	0.196 ± 0.890 (1.81)					

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-6		Lab ID: 30775028019	Collected: 04/16/25 09:35	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/16/25 14:07	13982-63-3	
	EPA 903.1	0.0531 ± 0.579 (1.10) C:NA T:92%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 18:05	15262-20-1	
	EPA 904.0	0.496 ± 0.440 (0.882) C:90% T:87%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/20/25 13:50	7440-14-4	
	Total Radium Calculation	0.549 ± 1.02 (1.98)					

Sample: 25-105-0003 MW-1		Lab ID: 30775028020	Collected: 04/16/25 12:30	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Radium-226	EPA 903.1	0.0579 ± 0.544 (1.05) C:NA T:88%		pCi/L	05/16/25 14:07	13982-63-3	
Pace Analytical Services - Greensburg							
Radium-228	EPA 904.0	0.142 ± 0.456 (1.03) C:83% T:81%		pCi/L	05/15/25 18:06	15262-20-1	
Pace Analytical Services - Greensburg							
Total Radium	Total Radium Calculation	0.200 ± 1.000 (2.08)		pCi/L	05/20/25 13:50	7440-14-4	

Sample: 25-105-0003 MW-3		Lab ID: 30775028021	Collected: 04/16/25 10:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Radium-226	EPA 903.1	-0.0607 ± 0.662 (1.29) C:NA T:86%		pCi/L	05/14/25 14:00	13982-63-3	
Pace Analytical Services - Greensburg							
Radium-228	EPA 904.0	0.182 ± 0.298 (0.647) C:78% T:83%		pCi/L	05/15/25 11:35	15262-20-1	
Pace Analytical Services - Greensburg							
Total Radium	Total Radium Calculation	0.182 ± 0.960 (1.94)		pCi/L	05/19/25 10:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-2R		Lab ID: 30775028022	Collected: 04/16/25 16:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/14/25 14:00	13982-63-3	
	EPA 903.1	0.457 ± 0.551 (0.906) C:NA T:89%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 11:35	15262-20-1	
	EPA 904.0	0.355 ± 0.302 (0.602) C:80% T:89%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/19/25 10:39	7440-14-4	
	Total Radium Calculation	0.812 ± 0.853 (1.51)					

Sample: 25-105-0003 MW-11		Lab ID: 30775028023	Collected: 04/16/25 15:20	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Radium-226	EPA 903.1	0.137 ± 0.761 (1.42) C:NA T:83%		pCi/L	05/14/25 14:13	13982-63-3	
Pace Analytical Services - Greensburg							
Radium-228	EPA 904.0	0.444 ± 0.332 (0.645) C:80% T:85%		pCi/L	05/15/25 11:35	15262-20-1	
Pace Analytical Services - Greensburg							
Total Radium	Total Radium Calculation	0.581 ± 1.09 (2.07)		pCi/L	05/19/25 10:39	7440-14-4	

Sample: 25-105-0003 MW-17		Lab ID: 30775028024	Collected: 04/17/25 12:00	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/14/25 14:13	13982-63-3	
	EPA 903.1	0.756 ± 0.530 (0.699) C:NA T:91%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 11:35	15262-20-1	
	EPA 904.0	0.611 ± 0.350 (0.633) C:84% T:83%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/19/25 10:39	7440-14-4	
	Total Radium Calculation	1.37 ± 0.880 (1.33)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-21		Lab ID: 30775028025	Collected: 04/17/25 10:40	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	-0.292 ± 0.549 (1.17) C:NA T:94%		pCi/L	05/14/25 14:13	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.418 ± 0.303 (0.583) C:86% T:84%		pCi/L	05/15/25 11:35	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	0.418 ± 0.852 (1.75)		pCi/L	05/19/25 10:39	7440-14-4	

Sample: 25-105-0003 MW-5A		Lab ID: 30775028026	Collected: 04/17/25 13:25	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.0633 ± 0.447 (0.893) C:NA T:89%		pCi/L	05/14/25 14:13	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	0.149 ± 0.278 (0.610) C:86% T:86%		pCi/L	05/15/25 11:35	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	0.212 ± 0.725 (1.50)		pCi/L	05/19/25 10:39	7440-14-4	

Sample: 25-105-0003 MW-24		Lab ID: 30775028027	Collected: 04/21/25 11:15	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/14/25 14:13	13982-63-3	
	EPA 903.1	0.000 ± 0.832 (1.57) C:NA T:87%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 11:35	15262-20-1	
	EPA 904.0	1.04 ± 0.503 (0.896) C:78% T:87%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/19/25 10:39	7440-14-4	
	Total Radium Calculation	1.04 ± 1.34 (2.47)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-25		Lab ID: 30775028028	Collected: 04/21/25 13:45	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/14/25 14:13	13982-63-3	
	EPA 903.1	0.449 ± 0.495 (0.792) C:NA T:96%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 11:35	15262-20-1	
	EPA 904.0	0.859 ± 0.441 (0.797) C:82% T:90%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/19/25 10:39	7440-14-4	
	Total Radium Calculation	1.31 ± 0.936 (1.59)					

Sample: 25-105-0003 MW-23		Lab ID: 30775028029	Collected: 04/21/25 15:25	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.000 ± 0.708 (1.34) C:NA T:89%		pCi/L	05/14/25 14:13	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	1.51 ± 0.537 (0.797) C:83% T:87%		pCi/L	05/15/25 11:35	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	1.51 ± 1.25 (2.14)		pCi/L	05/19/25 10:39	7440-14-4	

Sample: 25-105-0003 MW-26		Lab ID: 30775028030	Collected: 04/21/25 17:10	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/14/25 14:13	13982-63-3	
	EPA 903.1	0.623 ± 0.603 (0.935) C:NA T:87%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 11:35	15262-20-1	
	EPA 904.0	0.411 ± 0.482 (1.02) C:78% T:79%					
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	1.03 ± 1.09 (1.96)		pCi/L	05/19/25 10:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 MW-13		Lab ID: 30775028031	Collected: 04/22/25 08:30	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg							
Radium-226	EPA 903.1	-0.473 ± 0.837 (1.66) C:NA T:90%		pCi/L	05/14/25 14:26	13982-63-3	
Pace Analytical Services - Greensburg							
Radium-228	EPA 904.0	0.744 ± 0.418 (0.768) C:79% T:91%		pCi/L	05/15/25 11:35	15262-20-1	
Pace Analytical Services - Greensburg							
Total Radium	Total Radium Calculation	0.744 ± 1.26 (2.43)		pCi/L	05/19/25 10:39	7440-14-4	

Sample: 25-105-0003 Duplicate		Lab ID: 30775028032	Collected: 04/21/25 08:30	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Comments: • Sample collection time was not listed on the COC for duplicate sample, 00:00 on container.							
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg						
	EPA 903.1	0.796 ± 0.693 (1.07) C:NA T:96%		pCi/L	05/14/25 14:26	13982-63-3	
Radium-228	Pace Analytical Services - Greensburg						
	EPA 904.0	1.21 ± 0.443 (0.655) C:84% T:87%		pCi/L	05/15/25 11:35	15262-20-1	
Total Radium	Pace Analytical Services - Greensburg						
	Total Radium Calculation	2.01 ± 1.14 (1.73)		pCi/L	05/19/25 10:39	7440-14-4	

Sample: 25-105-0003 Rinsate Blank		Lab ID: 30775028033	Collected: 04/22/25 09:30	Received: 04/29/25 10:20	Matrix: Water		
PWS:		Site ID:	Sample Type:				
Parameters	Method	Act ± Unc (MDC) Carr Trac		Units	Analyzed	CAS No.	Qual
Radium-226	Pace Analytical Services - Greensburg			pCi/L	05/14/25 14:26	13982-63-3	
	EPA 903.1	-1.01 ± 0.785 (1.67) C:NA T:92%					
Radium-228	Pace Analytical Services - Greensburg			pCi/L	05/15/25 11:35	15262-20-1	
	EPA 904.0	0.605 ± 0.373 (0.700) C:80% T:88%					
Total Radium	Pace Analytical Services - Greensburg			pCi/L	05/19/25 10:39	7440-14-4	
	Total Radium Calculation	0.605 ± 1.16 (2.37)					

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

Sample: 25-105-0003 Field Blank Lab ID: 30775028034 Collected: 04/22/25 09:45 Received: 04/29/25 10:20 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	0.159 ± 0.713 (1.30) C:NA T:96%	pCi/L	05/14/25 14:26	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	0.512 ± 0.415 (0.833) C:81% T:85%	pCi/L	05/15/25 11:35	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	0.671 ± 1.13 (2.13)	pCi/L	05/19/25 10:39	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

QC Batch:	743027	Analysis Method:	EPA 903.1
QC Batch Method:	EPA 903.1	Analysis Description:	903.1 Radium-226
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	30775028001, 30775028002, 30775028003, 30775028004, 30775028005, 30775028006, 30775028007, 30775028008, 30775028009, 30775028010, 30775028011, 30775028012, 30775028013, 30775028014, 30775028015, 30775028016, 30775028017, 30775028018, 30775028019, 30775028020		

METHOD BLANK:	3615937	Matrix:	Water
Associated Lab Samples:	30775028001, 30775028002, 30775028003, 30775028004, 30775028005, 30775028006, 30775028007, 30775028008, 30775028009, 30775028010, 30775028011, 30775028012, 30775028013, 30775028014, 30775028015, 30775028016, 30775028017, 30775028018, 30775028019, 30775028020		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.161 ± 0.336 (0.605) C:NA T:95%	pCi/L	05/16/25 13:42	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

QC Batch: 743028

Analysis Method: EPA 904.0

QC Batch Method: EPA 904.0

Analysis Description: 904.0 Radium 228

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30775028001, 30775028002, 30775028003, 30775028004, 30775028005, 30775028006, 30775028007, 30775028008, 30775028009, 30775028010, 30775028011, 30775028012, 30775028013, 30775028014, 30775028015, 30775028016, 30775028017, 30775028018, 30775028019, 30775028020

METHOD BLANK: 3615938

Matrix: Water

Associated Lab Samples: 30775028001, 30775028002, 30775028003, 30775028004, 30775028005, 30775028006, 30775028007, 30775028008, 30775028009, 30775028010, 30775028011, 30775028012, 30775028013, 30775028014, 30775028015, 30775028016, 30775028017, 30775028018, 30775028019, 30775028020

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.821 ± 0.465 (0.858) C:83% T:89%	pCi/L	05/15/25 14:49	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

QC Batch:	743030	Analysis Method:	EPA 903.1
QC Batch Method:	EPA 903.1	Analysis Description:	903.1 Radium-226
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	30775028021, 30775028022, 30775028023, 30775028024, 30775028025, 30775028026, 30775028027, 30775028028, 30775028029, 30775028030, 30775028031, 30775028032, 30775028033, 30775028034		

METHOD BLANK:	3615943	Matrix:	Water
Associated Lab Samples:	30775028021, 30775028022, 30775028023, 30775028024, 30775028025, 30775028026, 30775028027, 30775028028, 30775028029, 30775028030, 30775028031, 30775028032, 30775028033, 30775028034		

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.146 ± 0.253 (0.452) C:NA T:90%	pCi/L	05/14/25 14:00	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25-105-0003

Pace Project No.: 30775028

QC Batch:	743031	Analysis Method:	EPA 904.0
QC Batch Method:	EPA 904.0	Analysis Description:	904.0 Radium 228
		Laboratory:	Pace Analytical Services - Greensburg
Associated Lab Samples:	30775028021, 30775028022, 30775028023, 30775028024, 30775028025, 30775028026, 30775028027, 30775028028, 30775028029, 30775028030, 30775028031, 30775028032, 30775028033, 30775028034		

METHOD BLANK: 3615945 Matrix: Water

Associated Lab Samples: 30775028021, 30775028022, 30775028023, 30775028024, 30775028025, 30775028026, 30775028027, 30775028028, 30775028029, 30775028030, 30775028031, 30775028032, 30775028033, 30775028034

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.779 ± 0.357 (0.574) C:78% T:86%	pCi/L	05/15/25 11:35	

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QUALIFIERS

Project: 25-105-0003
Pace Project No.: 30775028

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25-105-0003

Pace Project No.: 30775028

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30775028001	25-105-0003 MW-5	EPA 903.1	743027		
30775028002	25-105-0003 MW-9	EPA 903.1	743027		
30775028003	25-105-0003 MW-12	EPA 903.1	743027		
30775028004	25-105-0003 MW-12A	EPA 903.1	743027		
30775028005	25-105-0003 MW-13A	EPA 903.1	743027		
30775028006	25-105-0003 MW-14	EPA 903.1	743027		
30775028007	25-105-0003 MW-14B	EPA 903.1	743027		
30775028008	25-105-0003 MW-15	EPA 903.1	743027		
30775028009	25-105-0003 MW-16	EPA 903.1	743027		
30775028010	25-105-0003 MW-18	EPA 903.1	743027		
30775028011	25-105-0003 MW-19	EPA 903.1	743027		
30775028012	25-105-0003 MW-4R	EPA 903.1	743027		
30775028013	25-105-0003 MW-8	EPA 903.1	743027		
30775028014	25-105-0003 MW-10	EPA 903.1	743027		
30775028015	25-105-0003 MW-20	EPA 903.1	743027		
30775028016	25-105-0003 MW-7	EPA 903.1	743027		
30775028017	25-105-0003 MW-14A	EPA 903.1	743027		
30775028018	25-105-0003 MW-22	EPA 903.1	743027		
30775028019	25-105-0003 MW-6	EPA 903.1	743027		
30775028020	25-105-0003 MW-1	EPA 903.1	743027		
30775028021	25-105-0003 MW-3	EPA 903.1	743030		
30775028022	25-105-0003 MW-2R	EPA 903.1	743030		
30775028023	25-105-0003 MW-11	EPA 903.1	743030		
30775028024	25-105-0003 MW-17	EPA 903.1	743030		
30775028025	25-105-0003 MW-21	EPA 903.1	743030		
30775028026	25-105-0003 MW-5A	EPA 903.1	743030		
30775028027	25-105-0003 MW-24	EPA 903.1	743030		
30775028028	25-105-0003 MW-25	EPA 903.1	743030		
30775028029	25-105-0003 MW-23	EPA 903.1	743030		
30775028030	25-105-0003 MW-26	EPA 903.1	743030		
30775028031	25-105-0003 MW-13	EPA 903.1	743030		
30775028032	25-105-0003 Duplicate	EPA 903.1	743030		
30775028033	25-105-0003 Rinsate Blank	EPA 903.1	743030		
30775028034	25-105-0003 Field Blank	EPA 903.1	743030		
30775028001	25-105-0003 MW-5	EPA 904.0	743028		
30775028002	25-105-0003 MW-9	EPA 904.0	743028		
30775028003	25-105-0003 MW-12	EPA 904.0	743028		
30775028004	25-105-0003 MW-12A	EPA 904.0	743028		
30775028005	25-105-0003 MW-13A	EPA 904.0	743028		
30775028006	25-105-0003 MW-14	EPA 904.0	743028		
30775028007	25-105-0003 MW-14B	EPA 904.0	743028		
30775028008	25-105-0003 MW-15	EPA 904.0	743028		
30775028009	25-105-0003 MW-16	EPA 904.0	743028		
30775028010	25-105-0003 MW-18	EPA 904.0	743028		
30775028011	25-105-0003 MW-19	EPA 904.0	743028		
30775028012	25-105-0003 MW-4R	EPA 904.0	743028		
30775028013	25-105-0003 MW-8	EPA 904.0	743028		
30775028014	25-105-0003 MW-10	EPA 904.0	743028		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25-105-0003

Pace Project No.: 30775028

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30775028015	25-105-0003 MW-20	EPA 904.0	743028		
30775028016	25-105-0003 MW-7	EPA 904.0	743028		
30775028017	25-105-0003 MW-14A	EPA 904.0	743028		
30775028018	25-105-0003 MW-22	EPA 904.0	743028		
30775028019	25-105-0003 MW-6	EPA 904.0	743028		
30775028020	25-105-0003 MW-1	EPA 904.0	743028		
30775028021	25-105-0003 MW-3	EPA 904.0	743031		
30775028022	25-105-0003 MW-2R	EPA 904.0	743031		
30775028023	25-105-0003 MW-11	EPA 904.0	743031		
30775028024	25-105-0003 MW-17	EPA 904.0	743031		
30775028025	25-105-0003 MW-21	EPA 904.0	743031		
30775028026	25-105-0003 MW-5A	EPA 904.0	743031		
30775028027	25-105-0003 MW-24	EPA 904.0	743031		
30775028028	25-105-0003 MW-25	EPA 904.0	743031		
30775028029	25-105-0003 MW-23	EPA 904.0	743031		
30775028030	25-105-0003 MW-26	EPA 904.0	743031		
30775028031	25-105-0003 MW-13	EPA 904.0	743031		
30775028032	25-105-0003 Duplicate	EPA 904.0	743031		
30775028033	25-105-0003 Rinsate Blank	EPA 904.0	743031		
30775028034	25-105-0003 Field Blank	EPA 904.0	743031		
30775028001	25-105-0003 MW-5	Total Radium Calculation	746852		
30775028002	25-105-0003 MW-9	Total Radium Calculation	746852		
30775028003	25-105-0003 MW-12	Total Radium Calculation	746852		
30775028004	25-105-0003 MW-12A	Total Radium Calculation	746852		
30775028005	25-105-0003 MW-13A	Total Radium Calculation	746852		
30775028006	25-105-0003 MW-14	Total Radium Calculation	746852		
30775028007	25-105-0003 MW-14B	Total Radium Calculation	746852		
30775028008	25-105-0003 MW-15	Total Radium Calculation	746852		
30775028009	25-105-0003 MW-16	Total Radium Calculation	746852		
30775028010	25-105-0003 MW-18	Total Radium Calculation	746852		
30775028011	25-105-0003 MW-19	Total Radium Calculation	746852		
30775028012	25-105-0003 MW-4R	Total Radium Calculation	746852		
30775028013	25-105-0003 MW-8	Total Radium Calculation	746852		
30775028014	25-105-0003 MW-10	Total Radium Calculation	746852		
30775028015	25-105-0003 MW-20	Total Radium Calculation	746852		
30775028016	25-105-0003 MW-7	Total Radium Calculation	746852		
30775028017	25-105-0003 MW-14A	Total Radium Calculation	746852		
30775028018	25-105-0003 MW-22	Total Radium Calculation	746852		
30775028019	25-105-0003 MW-6	Total Radium Calculation	746852		
30775028020	25-105-0003 MW-1	Total Radium Calculation	746852		
30775028021	25-105-0003 MW-3	Total Radium Calculation	746492		
30775028022	25-105-0003 MW-2R	Total Radium Calculation	746492		
30775028023	25-105-0003 MW-11	Total Radium Calculation	746492		
30775028024	25-105-0003 MW-17	Total Radium Calculation	746492		
30775028025	25-105-0003 MW-21	Total Radium Calculation	746492		
30775028026	25-105-0003 MW-5A	Total Radium Calculation	746492		
30775028027	25-105-0003 MW-24	Total Radium Calculation	746492		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25-105-0003

Pace Project No.: 30775028

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30775028028	25-105-0003 MW-25	Total Radium Calculation	746492		
30775028029	25-105-0003 MW-23	Total Radium Calculation	746492		
30775028030	25-105-0003 MW-26	Total Radium Calculation	746492		
30775028031	25-105-0003 MW-13	Total Radium Calculation	746492		
30775028032	25-105-0003 Duplicate	Total Radium Calculation	746492		
30775028033	25-105-0003 Rinsate Blank	Total Radium Calculation	746492		
30775028034	25-105-0003 Field Blank	Total Radium Calculation	746492		

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www.waypointanalytical.com

04/28/2025 14:23:40

Export Batch Report

Export Batch Id : 912EXP

W0#: 30775028



Created: 4/28/2025 14:09:41
Computer: WPALMS-175
User: Consuelo C Bradley
Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Due Date	Sample Date	Customer Sample No	Rush Matrix Lab No Method No	Fee Code Description
25-105-0003	05/14/2025	04/10/2025 16:35	MW-5	AQU 97807 EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA) 001
25-105-0003	05/14/2025	04/10/2025 16:35	MW-5	AQU 97807 EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA) 002
25-105-0003	05/14/2025	04/10/2025 14:00	MW-9	AQU 97808 EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA) 003
25-105-0003	05/14/2025	04/10/2025 14:00	MW-9	AQU 97808 EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA) 004
25-105-0003	05/14/2025	04/10/2025 11:40	MW-12	AQU 97809 EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA) 005
25-105-0003	05/14/2025	04/10/2025 11:40	MW-12	AQU 97809 EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA) 006
25-105-0003	05/14/2025	04/10/2025 10:55	MW-12A	AQU 97810 EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA) 007
25-105-0003	05/14/2025	04/10/2025 10:55	MW-12A	AQU 97810 EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA) 008
25-105-0003	05/14/2025	04/10/2025 14:50	MW-13A	AQU 97811 EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA) 009

Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Remarks			
Relinquished By (sign)	Date / Time	Received By (sign)	Date / Time
Consuelo C Bradley	04/28/25 @ 1500	[Signature]	4/29/25 10:20
Relinquished By (sign)	Date / Time	Received By (sign)	Date / Time



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Export Batch Report

Export Batch Id : 912EXP

W0# : 30775028

PM: NMY Due Date: 05/20/25

CLIENT: WAYPOINT-AL

Created: 4/28/2025 14:09:41

Computer: WPALMS-175

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No Due Date Sample Date Customer Sample No

25-105-0003	05/14/2025	04/10/2025 14:50	MW-13A	AQU	97811	EPA-904.0	Rush Matrix Lab No Method No	Fee Code Description
								Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/10/2025 17:30	MW-14	AQU	97812	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/10/2025 17:30	MW-14	AQU	97812	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/11/2025 10:40	MW-14B	AQU	97813	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/11/2025 10:40	MW-14B	AQU	97813	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/11/2025 07:50	MW-15	AQU	97814	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/11/2025 07:50	MW-15	AQU	97814	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/11/2025 08:45	MW-16	AQU	97815	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)
25-105-0003	05/14/2025	04/11/2025 08:45	MW-16	AQU	97815	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)

Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Relinquished By (sign)	Consuelo C Bradley	Date / Time	04/28/25 @ 1500
Relinquished By (sign)		Date / Time	04/29/25 10:20



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W0#: 30775028

PM: NMY Due Date: 05/20/25
CLIENT: WAYPOINT-AL

04/28/2025 14:23:40

Export Batch Report

Export Batch Id: 912EXP

Created: 4/28/2025 14:09:41
Computer: WPALMS-175
User: Consuelo C Bradley
Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Due Date	Sample Date	Customer Sample No
25-105-0003	05/14/2025	04/11/2025 09:45	MW-18
25-105-0003	05/14/2025	04/11/2025 09:45	MW-18
25-105-0003	05/14/2025	04/10/2025 15:55	MW-19
25-105-0003	05/14/2025	04/10/2025 15:55	MW-19
25-105-0003	05/14/2025	04/15/2025 11:45	MW-4R
25-105-0003	05/14/2025	04/15/2025 11:45	MW-4R
25-105-0003	05/14/2025	04/15/2025 15:30	MW-8
25-105-0003	05/14/2025	04/15/2025 15:30	MW-8
25-105-0003	05/14/2025	04/15/2025 13:15	MW-10

Rush Matrix	Lab No	Method No	Fee Code	Description
AQU	97816	EPA-903.1	010	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97816	EPA-904.0	010	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97817	EPA-903.1	011	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97817	EPA-904.0	011	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97859	EPA-903.1	012	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97859	EPA-904.0	012	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97860	EPA-903.1	013	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97860	EPA-904.0	013	Radium 226/228/Total Radium (Sub to Pace in PA)
AQU	97861	EPA-903.1	014	Radium 226/228/Total Radium (Sub to Pace in PA)

Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Relinquished By (sign)	Consuelo C Bradley	Date / Time	04/28/25 @ 1500
Relinquished By (sign)		Date / Time	04/29/25 10:20



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Export Batch Report

Export Batch Id : 912EXP

WO# : 30775028

PM: NMY Due Date: 05/20/25
CLIENT: WAYPOINT-AL

Page 4 of 8

Created: 4/28/2025 14:09:41
Computer: WPALMS-175
User: Consuelo C Bradley
Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No Due Date Sample Date Customer Sample No

25-105-0003	05/14/2025	04/15/2025 13:15	MW-10	AQU	97861	EPA-904.0	Rush Matrix Lab No Method No	Fee Code Description	015
25-105-0003	05/14/2025	04/15/2025 14:20	MW-20	AQU	97862	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/15/2025 14:20	MW-20	AQU	97862	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/15/2025 16:40	MW-7	AQU	97887	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	016
25-105-0003	05/14/2025	04/15/2025 16:40	MW-7	AQU	97887	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/15/2025 17:40	MW-14A	AQU	97888	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	017
25-105-0003	05/14/2025	04/15/2025 17:40	MW-14A	AQU	97888	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/16/2025 08:15	MW-22	AQU	97889	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	018
25-105-0003	05/14/2025	04/16/2025 08:15	MW-22	AQU	97889	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	

Sampled By	Method of Shipment	Blank / Cooler Temp.
Remarks		
Relinquished By (sign)	Date / Time	Received By (sign)
Consuelo C Bradley	04/28/25 01:50	ppp
Relinquished By (sign)	Date / Time	Received By (sign)



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Export Batch Report

Export Batch Id : 912EXP

WO# : 30775028

PM: NMY Due Date: 05/20/25

CLIENT: WAYPOINT-AL

Created: 4/28/2025 14:09:41

Computer: WPALMS-175

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No Due Date Sample Date Customer Sample No

25-105-0003	05/14/2025	04/16/2025 09:35	MW-6	AQU	97890	EPA-903.1	Rush Matrix Lab No Method No	Radium 226/228/Total Radium (Sub to Pace in PA)	019
25-105-0003	05/14/2025	04/16/2025 09:35	MW-6	AQU	97890	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	026
25-105-0003	05/14/2025	04/16/2025 12:30	MW-1	AQU	97891	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	021
25-105-0003	05/14/2025	04/16/2025 12:30	MW-1	AQU	97891	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	022
25-105-0003	05/14/2025	04/16/2025 10:40	MW-3	AQU	97892	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	023
25-105-0003	05/14/2025	04/16/2025 10:40	MW-3	AQU	97892	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/16/2025 16:40	MW-2R	AQU	97931	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/16/2025 16:40	MW-2R	AQU	97931	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/16/2025 15:20	MW-11	AQU	97932	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	

Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Relinquished By (sign)	Consuelo Bradley	Date / Time	04/28/25 0150
Relinquished By (sign)		Date / Time	4/29/25 10:20



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04/28/2025 14:23:40

Export Batch Report

Export Batch Id : 912EXP

W0# : 30775028

PM: NMY Due Date: 05/20/25

CLIENT: WAYPOINT-AL

Created: 4/28/2025 14:09:41

Computer: WPALMS-175

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No Due Date Sample Date Customer Sample No

Rush Matrix Lab No Method No

Fee Code Description

25-105-0003	05/14/2025	04/16/2025 15:20	MW-11	AQU	97932	EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA)	024
25-105-0003	05/14/2025	04/17/2025 12:00	MW-17	AQU	97933	EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA)	024
25-105-0003	05/14/2025	04/17/2025 12:00	MW-17	AQU	97933	EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA)	025
25-105-0003	05/14/2025	04/17/2025 10:40	MW-21	AQU	97934	EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA)	025
25-105-0003	05/14/2025	04/17/2025 10:40	MW-21	AQU	97934	EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA)	026
25-105-0003	05/14/2025	04/17/2025 13:25	MW-5A	AQU	97935	EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA)	026
25-105-0003	05/14/2025	04/17/2025 13:25	MW-5A	AQU	97935	EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA)	027
25-105-0003	05/14/2025	04/21/2025 11:15	MW-24	AQU	98032	EPA-903.1	Radium 226/228/Total Radium (Sub to Pace in PA)	027
25-105-0003	05/14/2025	04/21/2025 11:15	MW-24	AQU	98032	EPA-904.0	Radium 226/228/Total Radium (Sub to Pace in PA)	027

Sampled By <i>Criet</i>	Method of Shipment	Blank / Cooler Temp.
Remarks		
Relinquished By (sign) <i>Consuelo C Bradley</i>	Date / Time 04/28/25 09:15	Received By (sign) <i>Kyo m</i>
Relinquished By (sign)	Date / Time	Date / Time 4/29/25 10:20



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Main 334.343.9799
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04/28/2025 14:23:40

Export Batch Report

Export Batch Id : 912EXP

W0# : 30775028

PM: NMY Due Date: 05/20/25

CLIENT: WAYPOINT-AL

Created: 4/28/2025 14:09:41

Computer: WPALMS-175

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No Due Date Sample Date Customer Sample No

25-105-0003	05/14/2025	04/21/2025 13:45	MW-25	AQU	98033	EPA-903.1	Rush Matrix Lab No Method No	Radium 226/228/Total Radium (Sub to Pace in PA)	028
25-105-0003	05/14/2025	04/21/2025 13:45	MW-25	AQU	98033	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	029
25-105-0003	05/14/2025	04/21/2025 15:25	MW-23	AQU	98034	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	030
25-105-0003	05/14/2025	04/21/2025 15:25	MW-23	AQU	98034	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	031
25-105-0003	05/14/2025	04/21/2025 17:10	MW-26	AQU	98035	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	032
25-105-0003	05/14/2025	04/21/2025 17:10	MW-26	AQU	98035	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/22/2025 08:30	MW-13	AQU	98036	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/22/2025 08:30	MW-13	AQU	98036	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/21/2025	Duplicate	AQU	98037	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	

Sampled By	Method of Shipment	Blank / Cooler Temp.
Client		
Relinquished By (sign)	Date / Time	Received By (sign)
Sub Bng	04/28/15 0150	Rep M
Relinquished By (sign)	Date / Time	Received By (sign)



107A Northside Office Park Drive, Andalusia, AL 36421
Main 334.343.9799
www.waypointanalytical.com

04/28/2025 14:23:40

Export Batch Report

Export Batch Id : 912EXP

W0#: 30775028

PM: NMY Due Date: 05/20/25

CLIENT: WAYPOINT-AL

Created: 4/28/2025 14:09:41

Computer: WPALMS-175

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No Due Date Sample Date Customer Sample No

25-105-0003	05/14/2025	04/21/2025	Duplicate	AQU	98037	EPA-904.0	Rush Matrix Lab No Method No	Fee Code Description	
25-105-0003	05/14/2025	04/22/2025 09:30	Rinsate Blank	AQU	98038	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	033
25-105-0003	05/14/2025	04/22/2025 09:30	Rinsate Blank	AQU	98038	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	034
25-105-0003	05/14/2025	04/22/2025 09:45	Field Blank	AQU	98039	EPA-903.1		Radium 226/228/Total Radium (Sub to Pace in PA)	
25-105-0003	05/14/2025	04/22/2025 09:45	Field Blank	AQU	98039	EPA-904.0		Radium 226/228/Total Radium (Sub to Pace in PA)	

Sampled By	Method of Shipment	Blank / Cooler Temp.
Remarks		
Relinquished By (sign)	Date / Time	Received By (sign) Date / Time
Relinquished By (sign)	Date / Time	Received By (sign) Date / Time

4/29/25 10:20

	DC#_Title: ENV-FRM-GBUR-0088 v07_Sample Condition Upon Receipt- Greensburg	WO# : 30775028
	Effective Date: 01/04/2024	
Client Name: <u>Waypoint</u>		

Courier: ☐ Fed Ex ☒ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Initial / Date

Tracking Number: 129X0Y8S0144702302 / 129X0Y8S0143682327

Examined By: PS 4/29/25

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No

Seals Intact: ☐ Yes ☒ No

Labeled By: PS 4/29/25

Thermometer Used: 24

Type of Ice: Wet Blue None

Temped By: PS 4/29/25

Cooler Temperature: Observed Temp

1.4 °C

Correction Factor: 0.0 °C

Final Temp: 1.4 °C

Temp should be above freezing to 6°C

0.9

coder 1
coder 2

Comments:	Yes	No	NA	pH paper Lot#	D.P.D. Residual Chlorine Lot #
Chain of Custody Present	☒	☐	☐	<u>10D3241</u>	
Chain of Custody Filled Out:	☒	☐	☐		
-Were client corrections present on COC	☐	☒	☐		
Chain of Custody Relinquished	☒	☐	☐		
Sampler Name & Signature on COC:	☐	☒	☐		
Sample Labels match COC:	☐	☒	☐		
-Includes date/time/ID					
Matrix:					
Samples Arrived within Hold Time:	☒	☐	☐		
Short Hold Time Analysis (<72hr remaining):	☐	☒	☐		
Rush Turn Around Time Requested:	☐	☒	☐		
Sufficient Volume:	☒	☐	☐		
Correct Containers Used:	☒	☐	☐		
-Pace Containers Used	☐	☒	☐		
Containers Intact:	☒	☐	☐		
Orthophosphate field filtered:	☐	☐	☒		
Hex Cr Aqueous samples field filtered:	☐	☐	☒		
Organic Samples checked for dichlorination	☐	☐	☒		
Filtered volume received for dissolved tests:	☐	☐	☒		
All containers checked for preservation:	☒	☐	☐		
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix					
All containers meet method preservation requirements:	☒	☐	☐	Initial when completed <u>PS</u>	Date/Time of Preservation
				Lot# of added Preservative	
8260C/D: Headspace in VOA Vials (> 6mm)	☐	☐	☒		
624.1: Headspace in VOA Vials (0mm)	☐	☐	☒		
Radon: Headspace in RAD Vials (0mm)	☐	☐	☒		
Trip Blank Present:	☐	☐	☒		
					Trip blank custody seal present? YES or NO
Rad Samples Screened <.05 mrem/hr.	☒	☐	☐	Initial when completed <u>PS</u>	Date: <u>4/29/25</u> Survey Meter SN: <u>25014380</u>
Comments: <u>cooler 3 : 0.8 °C (0.0 CF) = 0.8 °C Final</u>					
<u>cooler 4 : 1.0 °C (0.0 CF) = 1.0 °C Final</u>					
<u>cooler 5 : 0.7 °C (0.0 CF) = 0.7 °C Final</u>					

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office.

PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Qualtrax ID: 55680

Page 1 of 1

Page 38 of 39

Container Codes

Glass

Plastic/Misc.		EZI	5g Encore
GCUB	1 gallon cubitainer	VOAK	Kit Volatile Solid
12GN	1/2 gallon cubitainer		
SP5T	12oz		swab
BP1N	1		Bag
BP1U	1		
BP3S	2		
BP3N	2		
BP3U	250mL plastic unpreserved		
BP3B	250mL plastic NAOH		
BP2S	500mL plastic H2SO4		
BP2U	500mL plastic unpreserved		

Shipment Receipt Form

Customer Number: **00001**

Customer Name: **Three Notch Group**

Report Number: **25-105-0003**

Shipping Method

☐ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☒ Client	☐ Courier	Thermometer ID:	

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:

[illegible]

[illegible]

[illegible]

[illegible]

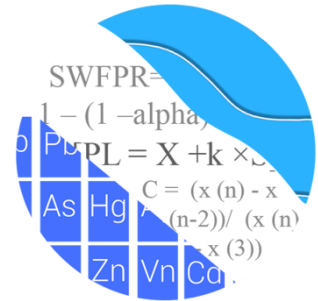
[illegible]

APPENDIX F

STATISTICAL EVALUATION OF

GROUNDWATER DATA

GROUNDWATER STATS CONSULTING



June 26, 2025

Three Notch Group
Attn: Mr. Alan Barck
1840 East Three Notch Street
Andalusia, AL 36421

RE: Lowman Power Plant – April 2025 Statistical Analysis

Dear Mr. Barck,

Groundwater Stats Consulting, formerly the statistical consulting division at Sanitas Technologies, is pleased to provide the Detection and Assessment Monitoring statistical analysis of the April 2025 groundwater data at the Power South Energy Cooperative's Lowman Power Plant for the Coal Combustion Residuals (CCR) program. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting.

The monitoring well network consists of the following wells:

- Upgradient: MW-1, MW-2, and MW-2R
- Downgradient wells: MW-3, MW-4, MW-4R, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-26
- Delineation Well: MW-14B

Sampling began for the CCR program in September 2021 for delineation well MW-14B. Data from this well are plotted on the time series graphs and box plots, and are evaluated for Appendix IV constituents using confidence intervals which require delineation wells to have a minimum of 4 samples.

Note that upgradient well MW-2 has been replaced with well MW-2R, and downgradient well MW-4 has been replaced with well MW-4R. Data from upgradient well MW-2 continue to be included in interwell limits as the data represent historical conditions upgradient of the site. Additionally, since at least two samples are available from replacement well MW-2R, these data are also used in construction of interwell limits. Interwell prediction limits and confidence intervals continue to be constructed on downgradient well MW-4 until sufficient data are available from replacement well MW-4R to determine if data from both wells are statistically significantly different.

Once a minimum of 8 samples is collected from both replacement wells, the Mann-Whitney (Wilcoxon Rank Sum) test will be used to compare the median of historical data from original wells to the median of new compliance samples at each replacement well to determine whether data may be combined for future analyses.

The following constituents were evaluated:

- **Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Time series and box plots are provided for all wells for the parameters listed above (Figures A and B, respectively). The time series plots display concentrations over time for each well while the box plots provide visual representation of variation within a given well and across all wells. Note that when there are no detections present in downgradient wells for a given Appendix IV constituent, statistical analyses are not required. A list of downgradient well/constituent pairs with 100% non-detects follows this letter. Also note that the reporting limit for some wells during this sample event was higher than historical reporting limits for antimony, beryllium, cadmium, chromium, cobalt, lead, selenium, and thallium. Therefore, the historical reporting limit of 0.001 mg/L was substituted for each of these constituents for statistical analyses.

In earlier analyses as discussed below, data at all wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for Appendix III parameters

based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. A power curve is provided to demonstrate that the selected statistical methods for Appendix III parameters comply with the USEPA Unified Guidance. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. The power curve is based on the following statistical method for 7 Appendix III constituents and 28 downgradient wells:

Statistical Method

- Interwell Prediction limits based on 1-of-2 resample plan: boron, calcium, chloride, fluoride, pH, sulfate, and TDS

Parametric prediction limits are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to natural processes and to physical changes made to the environment. Examples include capping a landfill, paving areas near a well,

or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate such changes. In the interwell case, prediction limits are updated with upgradient well data after each sampling event with screening for any new outliers. In some cases, an earlier portion of data may require deselection prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs. When this step is required a summary of any adjusted records will be provided.

Historical Summary of the Initial Appendix III Background Evaluation - 2017

Outlier Screening and Trend Tests

During the October 2017 statistical analysis, time series plots were used to initially screen proposed background for suspected outliers, trends, and seasonal patterns. Outliers and trends in background data result in increased variation and can produce statistical limits that are not representative of current unimpacted conditions or are not conservative from a regulatory perspective. Outliers may be identified either visually or by Tukey's boxplot method. When outliers are confirmed, these values are flagged in the computer database with "o" in order to deselect prior to construction of statistical limits. Flagged values also appear as a disconnected, lighter symbol on the time series graphs. All results of the screening were submitted with the October 2017 report.

Data were further evaluated through the Analysis of Variance test to determine whether observed variation among upgradient wells is statistically significant and guide the decision logic for determining an appropriate statistical limit. Interwell prediction limits are used to analyze all Appendix III constituents. Box plots were included to provide visual representation of variation within individual wells and between all wells.

No seasonal patterns were visually apparent in any of the detected data; therefore, no deseasonalizing adjustments were made. When seasonal patterns are observed, data may be optionally deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

The Sen's Slope/Mann Kendall trend test was used to evaluate all data to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data used in background to establish statistical limits are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in

background. When statistically significant decreasing trends are present, earlier data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When the historical records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses in 2017 showed a statistically significant decreasing trend for pH in well MW-9, and statistically significant increasing trends for calcium and TDS in well MW-9. The trend in pH was relatively low in magnitude when compared to average concentrations, and the increasing trends in calcium and TDS do not affect the interwell limits; therefore, no adjustments were made to the data sets. However, if intrawell limits were to be used in the future, those trends would require further consideration. No other statistically significant trends were identified at that time for any of the Appendix III parameters.

Background Update Summary Appendix III Constituents – October 2023

Outlier Screening and Trend Tests

Prior to performing interwell prediction limits, data from pooled upgradient wells through October 2023 were tested for outliers using Tukey's outlier test. No outliers were identified during the update. When measurements are identified as outliers, values may be flagged with "o" and excluded to reduce variation and better represent background conditions.

The Sen's Slope/Mann-Kendall trend test was used to evaluate Appendix III constituents at upgradient wells to determine whether concentrations are statistically increasing, decreasing or stable at the 99% confidence level. Statistically significant trends were identified for the following upgradient well/constituent pairs:

Increasing:

- Calcium: MW-1
- Fluoride MW-1
- Sulfate: MW-2
- TDS: MW-1

Decreasing:

- None

Although statistically significant increasing trends were identified for calcium, fluoride, sulfate, and TDS, no records required adjustment as the magnitude of the slope was low relative to average concentrations. Therefore, all available data from upgradient wells were used to construct interwell prediction limits for Appendix III parameters. As more data are collected, all upgradient well data will be periodically re-evaluated for possible deselection of earlier measurements if concentrations no longer represent present-day groundwater quality conditions. Results of the trend tests were included with the update.

Statistical Analysis Appendix III Constituents – April 2025

Outlier Analysis

Prior to constructing interwell prediction limits, data from pooled upgradient wells were visually screened for new outliers using time series plots. No measurements have historically been flagged as outliers, and no new measurements were identified during this analysis (Figure C). If future measurements are identified as outliers, a list of all flagged values will be provided.

Interwell Prediction Limits

Interwell prediction limits were constructed as recommended in the CCR Rule (2015) and in the EPA Unified Guidance (2009), based on a 1-of-2 resample plan using pooled upgradient well data for boron, calcium, chloride, fluoride, pH, sulfate, and TDS (Figure D). When interwell statistical methods are used, statistical limits may be updated with measurements from upgradient wells during each sample event after screening for any new outliers.

The April 2025 sample from each downgradient well was compared to the interwell prediction limits. In the event of an initial exceedance of compliance well data, a resample may be collected to determine whether the initial exceedance is confirmed, in which case a statistically significant increase (SSI) is identified. If the resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and therefore, no further action is necessary. If no resample is collected, the initial exceedance is considered a confirmed SSI.

Exceedances were noted for the following well/constituent pairs:

- Boron: MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-26
- Calcium: MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11, MW-12, MW-12A, MW-14, MW-14A, MW-17, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, and MW-26
- Chloride: MW-4, MW-5, MW-5A, MW-8, MW-9, MW-10, MW-11, MW-12, MW-12A, MW-13A, MW-14, MW-14A, MW-16, MW-17, MW-21, MW-23, MW-24, and MW-25
- Fluoride: MW-4, MW-5A, MW-7, MW-11, MW-17, MW-23, MW-24, and MW-25
- pH (upper limit): MW-8, MW-11, and MW-23
- Sulfate: MW-4, MW-5, MW-5A, MW-6, MW-9, MW-10, MW-11, MW-12, MW-12A, MW-13A, MW-14, MW-17, MW-21, MW-23, MW-24, MW-25, and MW-26
- TDS: MW-4, MW-5, MW-5A, MW-9, MW-10, MW-11, MW-12, MW-12A, MW-13A, MW-14, MW-17, MW-22, MW-23, MW-24, and MW-25

A summary table of well/constituent pairs found to exceed their respective limits follows this letter along with the graphical results.

Trend Tests

For well/constituent pairs that exceeded their respective prediction limits, the Sen's Slope/Mann-Kendall trend test is performed using 99% confidence and evaluates all measurements within a well to monitor whether concentration levels are increasing, decreasing, or stabilizing over time (Figure E). The upgradient well data are included as a reference in order to evaluate whether similar conditions exist upgradient of the facility. Note that trend tests require a minimum of 6 observations for meaningful results; therefore, new upgradient well MW-2R was not included with the trend tests. The following statistically significant decreasing and increasing trends were identified for upgradient and downgradient wells:

Increasing

- Boron: MW-13A
- Calcium: MW-1 (upgradient)
- Chloride: MW-13A
- Fluoride: MW-1 (upgradient) and MW-4
- pH: MW-8
- Sulfate: MW-2 (upgradient) and MW-13A
- TDS: MW-1 (upgradient) and MW-13A

Decreasing

- Boron: MW-1 (upgradient), MW-5A, MW-7, MW-11, MW-12, MW-12A, MW-13, MW-14A, MW-16, MW-17, and MW-19
- Calcium: MW-5A, MW-7, MW-11, MW-12A, MW-14A, and MW-17
- Chloride: MW-5A, MW-10, MW-11, MW-12, MW-12A, MW-14A, MW-16, MW-17, and MW-21
- Sulfate: MW-5A, MW-11, and MW-17
- TDS: MW-5, MW-5A, MW-11, MW-12, MW-12A, MW-17, and MW-24

The Trend Test Summary Table follows this letter along with the graphical results.

Background Update Summary Appendix IV Constituents – October 2023

Appendix IV – Assessment Monitoring Program

While the ANOVA is used to evaluate spatial variation and assist in determining whether intrawell or interwell prediction limits are the most appropriate statistical method for evaluation of Appendix III parameters, it is not required for evaluation of Appendix IV parameters. The CCR-Rule (2015) and the EPA Unified Guidance (2009) provide guidance that specifies the statistical methodology for parameters analyzed in an assessment monitoring program. The specified methodology is based on statistical comparison of downgradient average (mean or median) concentrations for each well/constituent pair to a Groundwater Protection Standard (GWPS) for each Appendix IV constituent. The GWPS is either a regulatory standard (defined below) or a statistically defined upper limit on expected background concentrations for a given constituent across all upgradient wells.

Outlier Analysis

Tukey's outlier test on pooled upgradient well data was used to evaluate Appendix IV constituents, and no values were identified as outliers. As mentioned above, any flagged

data will be displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages. When measurements are flagged as outliers, a summary table of all flagged outliers will be included with the report.

Trend Test Evaluation

The Sen's Slope/Mann-Kendall trend test was used to evaluate Appendix IV constituents at upgradient wells to determine whether concentrations are statistically increasing, decreasing or stable at the 99% confidence level. Statistically significant trends were identified for the following upgradient well/constituent pairs:

Increasing:

- Arsenic: MW-1
- Barium: MW-1
- Fluoride MW-1

Decreasing:

- Cobalt: MW-2

Although statistically significant trends were identified, no records were adjusted since the MCL is higher than background limits for arsenic, barium, and fluoride. In the case of cobalt, the magnitude of the slope is low relative to average concentrations. Therefore, all available data from upgradient wells were used to construct interwell tolerance limits for all Appendix IV parameters. As more data are collected, all upgradient well data will be re-evaluated for possible deselection of earlier measurements if concentrations no longer represent present-day groundwater quality conditions. The results of the trend tests were submitted with the October 2023 report.

Interwell Upper Tolerance Limits

Background limits were determined using tolerance limits constructed from pooled upgradient well data through October 2023 (Figure F). The tolerance limits contain a known fraction (coverage) of the background population with a known level of confidence. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. As requested by Alabama Department of Environmental Management (ADEM) to eliminate variation among upgradient well data, nonparametric tolerance limits, which use the highest value in

screened background as the statistical limit, were constructed. A summary table of the upper tolerance limits follows this letter.

These limits are compared to regulatory standards for the Appendix IV parameters, and the resulting Groundwater Protection Standard (GWPS) is the higher of the two limits. The GWPS were updated at the time of the October 2023 report and will be updated again during the Fall 2025 analysis.

Groundwater Protection Standards

These background limits were compared to the Maximum Contaminant Levels (MCLs) and CCR Rule-Specified levels as shown in the Groundwater Protection Standard (GWPS) table following this letter to determine the highest limit for use as the GWPS in the Confidence Interval comparisons.

The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. A summary of the tolerance limits follows this letter. These limits were then used when determining the GWPS under 40 CFR 257.95(h) and ADEM Admin. Code r. 335-13-15-.06(6)(h).

As described in 40 CFR 257.95(h)(1-3) the GWPS is based on the following:

- 1) The maximum contaminant level established under 141.62 and 141.66 of this title (the "MCL");
- 2) Where an MCL has not been established, rule-specified levels as follows:
 - a. Cobalt – 0.006 mg/L
 - b. Lead – 0.015 mg/L
 - c. Lithium – 0.04 mg/L
 - d. Molybdenum 0.1 mg/L

Regarding #2 above, the USEPA revised the Federal CCR Rule on July 30, 2018 and updated the GWPS for cobalt, lead, lithium, and molybdenum as described in 40 CRF 257.95(h)(2). These limits have also been incorporated under ADEM Chapter 335-13-15, Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments.

Following the above referenced federal and state requirements, GWPS have been established for the statistical evaluation of the Appendix IV constituents. The GWPS table

following this letter provides a summary of the limits established for the Appendix IV parameters (Figure G).

Statistical Analysis Appendix IV Constituents – April 2025

Confidence Intervals

Confidence intervals were constructed on downgradient wells using the most recent 8 samples through April 2025 for each of the Appendix IV parameters (Figure H). These intervals were either parametric or nonparametric confidence intervals depending on the data distribution and percentage of non-detects. When data followed a normal or transformed-normal distribution, parametric confidence intervals were used for Appendix IV parameters. Nonparametric confidence intervals, which use the highest and lowest values as interval limits when $n=8$, were constructed when data did not follow a normal or transformed-normal distribution or when there were greater than 50% non-detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the GWPS prepared as described above. The confidence level associated with nonparametric confidence intervals is dependent upon the number samples available.

As mentioned above, well/constituent pairs containing 100% non-detects did not require statistics and were deselected prior to construction confidence intervals. A list of deselected well/constituent pairs also follows this report. Each confidence interval was compared with the corresponding GWPS. Only when the entire confidence interval is above the GWPS is the well/constituent pair considered to exceed its respective standard. Both a tabular summary and graphical presentation of the confidence interval results follow this letter. The following confidence interval exceedances were noted:

- Arsenic: MW-17, MW-20, and MW-23
- Cobalt: MW-3, MW-4, MW-5A, MW-14, MW-14A, and MW-17
- Lithium: MW-5A, MW-7, MW-11, MW-14B, MW-17, MW-23, MW-24, and MW-25

Trend Tests – Confidence Interval Exceedances

For well/constituent pairs that exceeded their respective prediction limits, the Sen's Slope/Mann-Kendall trend test is performed using 95% confidence and evaluates all measurements within a well to monitor whether concentration levels are increasing, decreasing, or stabilizing over time (Figure I). For assessment monitoring, utilizing the

95% confidence level for trend tests readily identifies significant trends and is more sensitive than the 99% confidence level without drastically increasing the false negative rate. Upgradient wells are included in the trend analyses for all parameters found to exceed their confidence intervals in downgradient wells. When similar patterns exist upgradient of the site, it is an indication of variability in groundwater which may be unrelated to practices at the site. As mentioned above, trend tests require a minimum of 6 observations in order to have meaningful results; therefore, new upgradient well MW-2R was not included with the trend tests. The following statistically significant decreasing and increasing trends were noted for upgradient and downgradient wells:

Increasing

- Arsenic: MW-1 (upgradient)

Decreasing

- Arsenic: MW-20
- Cobalt: MW-2 (upgradient), MW-3, MW-4, and MW-14A
- Lithium: MW-5A, MW-7, MW-11, MW-14B, MW-17, MW-23, and MW-24

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality at the Lowman Power Plant. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Easton Rayner
Groundwater Analyst



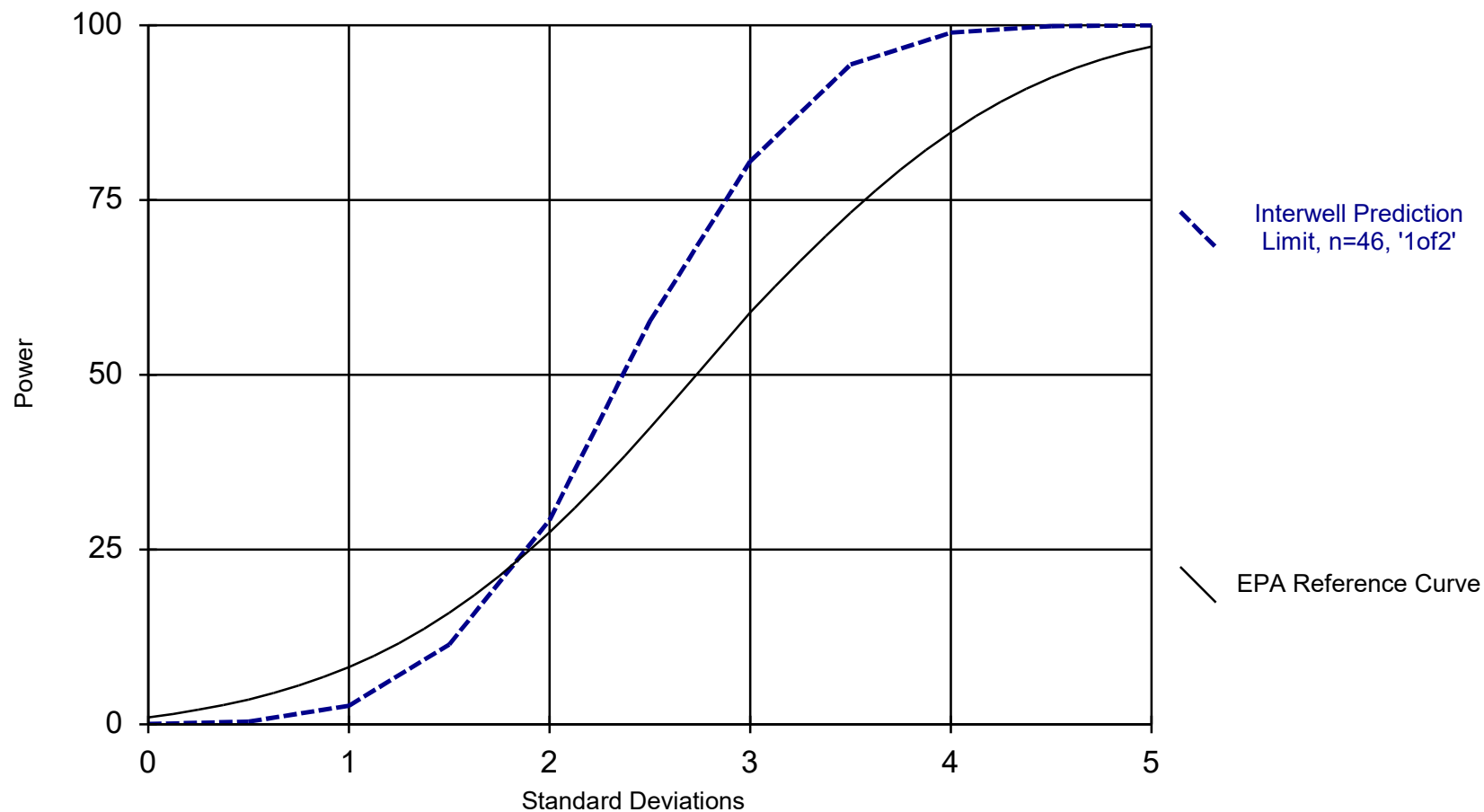
Andrew T. Collins
Project Manager

Table of Contents

Summary Tables	14
Figure A. Time Series	33
Figure B. Box Plots	207
Figure C. Outlier Summary	229
Figure D. Appendix III Interwell Prediction Limits	231
Figure E. Appendix III Trend Tests	323
Figure F. Upper Tolerance Limits	358
Figure G. Groundwater Protection Standards	364
Figure H. Confidence Intervals	366
Figure I. Appendix IV Trend Tests	411

Summary Tables

Interwell Power Curve



Kappa = 2.303, based on 28 compliance wells and 7 constituents, evaluated semi-annually (this report reflects annual total).

Analysis Run 6/25/2025 9:31 AM

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

100% Non-Detects: Appendix IV Downgradient & Delineation

Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% NDs)
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Antimony (mg/L)

MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-14B, MW-15, MW-16, MW-17, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Arsenic (mg/L)

MW-10, MW-12, MW-15, MW-19, MW-3

Beryllium (mg/L)

MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-14B, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-3, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Cadmium (mg/L)

MW-11, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-3, MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Chromium (mg/L)

MW-10, MW-11, MW-14, MW-14A, MW-16, MW-18, MW-19, MW-20, MW-22, MW-23, MW-24, MW-25, MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Cobalt (mg/L)

MW-11, MW-12, MW-14B, MW-26, MW-9

Fluoride, total (mg/L)

MW-12A, MW-13A, MW-14B, MW-15, MW-19

Lead (mg/L)

MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-14B, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-3, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Lithium (mg/L)

MW-13, MW-15, MW-18, MW-20, MW-21, MW-22, MW-26, MW-3, MW-8, MW-9

Mercury (mg/L)

MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-14B, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-3, MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Molybdenum (mg/L)

MW-10, MW-12, MW-13, MW-13A, MW-14A, MW-15, MW-18, MW-19, MW-20, MW-22, MW-4, MW-9

Selenium (mg/L)

MW-11, MW-15, MW-18, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-3, MW-5A, MW-8

Thallium (mg/L)

MW-10, MW-11, MW-12, MW-12A, MW-13, MW-13A, MW-14, MW-14A, MW-14B, MW-15, MW-16, MW-17, MW-18, MW-19, MW-20, MW-21, MW-22, MW-23, MW-24, MW-25, MW-26, MW-3, MW-4, MW-5, MW-5A, MW-6, MW-7, MW-8, MW-9

Appendix III - Interwell Prediction Limits - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	MW-10	0.05	n/a	4/15/2025	0.581	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-11	0.05	n/a	4/16/2025	3.28	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12	0.05	n/a	4/10/2025	0.452	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12A	0.05	n/a	4/10/2025	0.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13	0.05	n/a	4/22/2025	0.269	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13A	0.05	n/a	4/10/2025	0.302	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14	0.05	n/a	4/10/2025	0.705	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14A	0.05	n/a	4/15/2025	0.52	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-16	0.05	n/a	4/11/2025	0.371	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-17	0.05	n/a	4/17/2025	2.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-18	0.05	n/a	4/11/2025	0.068	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-19	0.05	n/a	4/10/2025	0.127	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-20	0.05	n/a	4/15/2025	0.064	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-21	0.05	n/a	4/17/2025	0.207	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-22	0.05	n/a	4/15/2025	0.103	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-23	0.05	n/a	4/21/2025	6.81	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-24	0.05	n/a	4/21/2025	2.08	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-25	0.05	n/a	4/21/2025	9.9	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-26	0.05	n/a	4/21/2025	0.239	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-4	0.05	n/a	4/10/2023	2.04	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5	0.05	n/a	4/10/2025	1.41	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5A	0.05	n/a	4/17/2025	1.8	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-6	0.05	n/a	4/15/2025	0.131	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-7	0.05	n/a	4/15/2025	0.307	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-8	0.05	n/a	4/15/2025	0.226	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-9	0.05	n/a	4/10/2025	4.46	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-10	50.7	n/a	4/15/2025	103	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-11	50.7	n/a	4/16/2025	163	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12	50.7	n/a	4/10/2025	91.8	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12A	50.7	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14	50.7	n/a	4/10/2025	86.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14A	50.7	n/a	4/15/2025	82.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-17	50.7	n/a	4/17/2025	112	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-20	50.7	n/a	4/15/2025	52	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-21	50.7	n/a	4/17/2025	80.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-22	50.7	n/a	4/15/2025	127	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-23	50.7	n/a	4/21/2025	353	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-24	50.7	n/a	4/21/2025	143	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-25	50.7	n/a	4/21/2025	360	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-26	50.7	n/a	4/21/2025	64	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-4	50.7	n/a	4/10/2023	210	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5	50.7	n/a	4/10/2025	93.3	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5A	50.7	n/a	4/17/2025	113	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-6	50.7	n/a	4/15/2025	73.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-7	50.7	n/a	4/15/2025	60.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-8	50.7	n/a	4/15/2025	56.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-9	50.7	n/a	4/10/2025	241	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-10	16.7	n/a	4/15/2025	80.3	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-11	16.7	n/a	4/16/2025	20.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12	16.7	n/a	4/10/2025	32.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12A	16.7	n/a	4/10/2025	33.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-13A	16.7	n/a	4/10/2025	95.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14	16.7	n/a	4/10/2025	34.1	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14A	16.7	n/a	4/15/2025	26.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-16	16.7	n/a	4/11/2025	23.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-17	16.7	n/a	4/17/2025	87.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-21	16.7	n/a	4/17/2025	17.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-23	16.7	n/a	4/21/2025	218	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-24	16.7	n/a	4/21/2025	70.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-25	16.7	n/a	4/21/2025	253	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-4	16.7	n/a	4/10/2023	397	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5	16.7	n/a	4/10/2025	54.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5A	16.7	n/a	4/17/2025	96.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-8	16.7	n/a	4/15/2025	26.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-9	16.7	n/a	4/10/2025	79.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	MW-11	0.325	n/a	4/16/2025	1.72	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-17	0.325	n/a	4/17/2025	1.78	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-23	0.325	n/a	4/21/2025	1.88	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2

Appendix III - Interwell Prediction Limits - Significant Results

Page 2

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	MW-24	0.325	n/a	4/21/2025	1.46	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-25	0.325	n/a	4/21/2025	0.828	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-4	0.325	n/a	4/10/2023	0.4	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-5A	0.325	n/a	4/17/2025	1.45	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-7	0.325	n/a	4/15/2025	1.51	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
pH, Field (SU)	MW-11	6.624	3.743	4/16/2025	7.07	Yes	48	5.184	0.6278	0	None	No	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-23	6.624	3.743	4/21/2025	7.05	Yes	48	5.184	0.6278	0	None	No	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-8	6.624	3.743	4/15/2025	6.93	Yes	48	5.184	0.6278	0	None	No	No	0.0001344	Param Inter 1 of 2
Sulfate as SO4 (mg/L)	MW-10	46.2	n/a	4/15/2025	291	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-11	46.2	n/a	4/16/2025	221	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-12	46.2	n/a	4/10/2025	200	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-12A	46.2	n/a	4/10/2025	184	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-13A	46.2	n/a	4/10/2025	121	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-14	46.2	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-17	46.2	n/a	4/17/2025	126	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-21	46.2	n/a	4/17/2025	58.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-23	46.2	n/a	4/21/2025	755	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-24	46.2	n/a	4/21/2025	186	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-25	46.2	n/a	4/21/2025	905	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-26	46.2	n/a	4/21/2025	59.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-4	46.2	n/a	4/10/2023	678	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-5	46.2	n/a	4/10/2025	154	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-5A	46.2	n/a	4/17/2025	107	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-6	46.2	n/a	4/15/2025	100	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-9	46.2	n/a	4/10/2025	419	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-10	336	n/a	4/15/2025	538	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-11	336	n/a	4/16/2025	598	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12	336	n/a	4/10/2025	488	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12A	336	n/a	4/10/2025	454	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-13A	336	n/a	4/10/2025	378	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-14	336	n/a	4/10/2025	432	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-17	336	n/a	4/17/2025	584	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-22	336	n/a	4/15/2025	369	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-23	336	n/a	4/21/2025	1600	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-24	336	n/a	4/21/2025	630	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-25	336	n/a	4/21/2025	1870	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-4	336	n/a	4/18/2023	1600	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5	336	n/a	4/10/2025	547	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5A	336	n/a	4/17/2025	556	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-9	336	n/a	4/10/2025	1100	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	MW-10	0.05	n/a	4/15/2025	0.581	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-11	0.05	n/a	4/16/2025	3.28	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12	0.05	n/a	4/10/2025	0.452	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12A	0.05	n/a	4/10/2025	0.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13	0.05	n/a	4/22/2025	0.269	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13A	0.05	n/a	4/10/2025	0.302	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14	0.05	n/a	4/10/2025	0.705	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14A	0.05	n/a	4/15/2025	0.52	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-15	0.05	n/a	4/11/2025	0.031	No	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-16	0.05	n/a	4/11/2025	0.371	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-17	0.05	n/a	4/17/2025	2.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-18	0.05	n/a	4/11/2025	0.068	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-19	0.05	n/a	4/10/2025	0.127	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-20	0.05	n/a	4/15/2025	0.064	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-21	0.05	n/a	4/17/2025	0.207	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-22	0.05	n/a	4/15/2025	0.103	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-23	0.05	n/a	4/21/2025	6.81	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-24	0.05	n/a	4/21/2025	2.08	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-25	0.05	n/a	4/21/2025	9.9	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-26	0.05	n/a	4/21/2025	0.239	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-3	0.05	n/a	4/15/2025	0.02	No	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-4	0.05	n/a	4/10/2023	2.04	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5	0.05	n/a	4/10/2025	1.41	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5A	0.05	n/a	4/17/2025	1.8	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-6	0.05	n/a	4/15/2025	0.131	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-7	0.05	n/a	4/15/2025	0.307	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-8	0.05	n/a	4/15/2025	0.226	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-9	0.05	n/a	4/10/2025	4.46	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-10	50.7	n/a	4/15/2025	103	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-11	50.7	n/a	4/16/2025	163	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12	50.7	n/a	4/10/2025	91.8	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12A	50.7	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-13	50.7	n/a	4/22/2025	47.5	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-13A	50.7	n/a	4/10/2025	38.5	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14	50.7	n/a	4/10/2025	86.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14A	50.7	n/a	4/15/2025	82.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-15	50.7	n/a	4/11/2025	9.82	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-16	50.7	n/a	4/11/2025	49.1	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-17	50.7	n/a	4/17/2025	112	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-18	50.7	n/a	4/11/2025	43.2	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-19	50.7	n/a	4/10/2025	23.4	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-20	50.7	n/a	4/15/2025	52	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-21	50.7	n/a	4/17/2025	80.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-22	50.7	n/a	4/15/2025	127	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-23	50.7	n/a	4/21/2025	353	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-24	50.7	n/a	4/21/2025	143	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-25	50.7	n/a	4/21/2025	360	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-26	50.7	n/a	4/21/2025	64	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-3	50.7	n/a	4/15/2025	11.5	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-4	50.7	n/a	4/10/2023	210	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5	50.7	n/a	4/10/2025	93.3	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5A	50.7	n/a	4/17/2025	113	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-6	50.7	n/a	4/15/2025	73.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-7	50.7	n/a	4/15/2025	60.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-8	50.7	n/a	4/15/2025	56.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-9	50.7	n/a	4/10/2025	241	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-10	16.7	n/a	4/15/2025	80.3	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-11	16.7	n/a	4/16/2025	20.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12	16.7	n/a	4/10/2025	32.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12A	16.7	n/a	4/10/2025	33.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-13	16.7	n/a	4/22/2025	1ND	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-13A	16.7	n/a	4/10/2025	95.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14	16.7	n/a	4/10/2025	34.1	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14A	16.7	n/a	4/15/2025	26.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-15	16.7	n/a	4/11/2025	5.12	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-16	16.7	n/a	4/11/2025	23.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-17	16.7	n/a	4/17/2025	87.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-18	16.7	n/a	4/11/2025	9.95	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Page 2

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	MW-19	16.7	n/a	4/10/2025	6.89	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-20	16.7	n/a	4/15/2025	4.91	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-21	16.7	n/a	4/17/2025	17.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-22	16.7	n/a	4/15/2025	10.3	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-23	16.7	n/a	4/21/2025	218	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-24	16.7	n/a	4/21/2025	70.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-25	16.7	n/a	4/21/2025	253	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-26	16.7	n/a	4/21/2025	9.68	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-3	16.7	n/a	4/15/2025	2.88	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-4	16.7	n/a	4/10/2023	397	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5	16.7	n/a	4/10/2025	54.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5A	16.7	n/a	4/17/2025	96.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-6	16.7	n/a	4/15/2025	7.18	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-7	16.7	n/a	4/15/2025	1.86	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-8	16.7	n/a	4/15/2025	26.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-9	16.7	n/a	4/10/2025	79.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	MW-10	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-11	0.325	n/a	4/16/2025	1.72	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-12	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-12A	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-13	0.325	n/a	4/22/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-13A	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-14	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-14A	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-15	0.325	n/a	4/11/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-16	0.325	n/a	4/11/2025	0.128	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-17	0.325	n/a	4/17/2025	1.78	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-18	0.325	n/a	4/11/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-19	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-20	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-21	0.325	n/a	4/17/2025	0.208	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-22	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-23	0.325	n/a	4/21/2025	1.88	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-24	0.325	n/a	4/21/2025	1.46	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-25	0.325	n/a	4/21/2025	0.828	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-26	0.325	n/a	4/21/2025	0.276	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-3	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-4	0.325	n/a	4/10/2023	0.4	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-5	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-5A	0.325	n/a	4/17/2025	1.45	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-6	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-7	0.325	n/a	4/15/2025	1.51	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-8	0.325	n/a	4/15/2025	0.242	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-9	0.325	n/a	4/10/2025	0.178	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
pH, Field (SU)	MW-10	6.624	3.743	4/15/2025	4.84	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-11	6.624	3.743	4/16/2025	7.07	Yes	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-12	6.624	3.743	4/10/2025	5.93	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-12A	6.624	3.743	4/10/2025	5.81	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-13	6.624	3.743	4/22/2025	6.58	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-13A	6.624	3.743	4/10/2025	5.35	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-14	6.624	3.743	4/10/2025	5.84	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-14A	6.624	3.743	4/15/2025	5.86	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-15	6.624	3.743	4/11/2025	5.13	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-16	6.624	3.743	4/11/2025	5.75	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-17	6.624	3.743	4/17/2025	6.17	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-18	6.624	3.743	4/11/2025	6.3	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-19	6.624	3.743	4/10/2025	5.64	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-20	6.624	3.743	4/15/2025	6.55	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-21	6.624	3.743	4/17/2025	6.52	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-22	6.624	3.743	4/15/2025	6.45	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-23	6.624	3.743	4/21/2025	7.05	Yes	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-24	6.624	3.743	4/21/2025	6.59	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-25	6.624	3.743	4/21/2025	6.1	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-26	6.624	3.743	4/21/2025	6.01	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-3	6.624	3.743	4/15/2025	5.38	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-4	6.624	3.743	4/10/2023	5.58	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-5	6.624	3.743	4/10/2025	5.64	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-5A	6.624	3.743	4/17/2025	5.95	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Page 3

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	MW-6	6.624	3.743	4/15/2025	5.9	No	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
pH, Field (SU)	MW-7	6.624	3.743	4/15/2025	6.34	No	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
pH, Field (SU)	MW-8	6.624	3.743	4/15/2025	6.93	Yes	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
pH, Field (SU)	MW-9	6.624	3.743	4/10/2025	6.56	No	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
Sulfate as SO4 (mg/L)	MW-10	46.2	n/a	4/15/2025	291	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-11	46.2	n/a	4/16/2025	221	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-12	46.2	n/a	4/10/2025	200	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-12A	46.2	n/a	4/10/2025	184	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-13	46.2	n/a	4/22/2025	27.9	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-13A	46.2	n/a	4/10/2025	121	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-14	46.2	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-14A	46.2	n/a	4/15/2025	39.6	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-15	46.2	n/a	4/11/2025	20.7	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-16	46.2	n/a	4/11/2025	39.3	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-17	46.2	n/a	4/17/2025	126	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-18	46.2	n/a	4/11/2025	3.54	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-19	46.2	n/a	4/10/2025	42.6	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-20	46.2	n/a	4/15/2025	8.15	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-21	46.2	n/a	4/17/2025	58.1	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-22	46.2	n/a	4/15/2025	0.5ND	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-23	46.2	n/a	4/21/2025	755	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-24	46.2	n/a	4/21/2025	186	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-25	46.2	n/a	4/21/2025	905	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-26	46.2	n/a	4/21/2025	59.9	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-3	46.2	n/a	4/15/2025	18.7	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-4	46.2	n/a	4/10/2023	678	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-5	46.2	n/a	4/10/2025	154	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-5A	46.2	n/a	4/17/2025	107	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-6	46.2	n/a	4/15/2025	100	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-7	46.2	n/a	4/15/2025	25.4	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-8	46.2	n/a	4/15/2025	18.3	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-9	46.2	n/a	4/10/2025	419	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-10	336	n/a	4/15/2025	538	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-11	336	n/a	4/16/2025	598	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12	336	n/a	4/10/2025	488	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12A	336	n/a	4/10/2025	454	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-13	336	n/a	4/22/2025	169	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-13A	336	n/a	4/10/2025	378	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-14	336	n/a	4/10/2025	432	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-14A	336	n/a	4/15/2025	332	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-15	336	n/a	4/11/2025	25.5ND	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-16	336	n/a	4/11/2025	233	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-17	336	n/a	4/17/2025	584	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-18	336	n/a	4/11/2025	243	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-19	336	n/a	4/10/2025	160	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-20	336	n/a	4/15/2025	182	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-21	336	n/a	4/17/2025	278	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-22	336	n/a	4/15/2025	369	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-23	336	n/a	4/21/2025	1600	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-24	336	n/a	4/21/2025	630	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-25	336	n/a	4/21/2025	1870	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-26	336	n/a	4/21/2025	272	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-3	336	n/a	4/15/2025	81	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-4	336	n/a	4/18/2023	1600	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5	336	n/a	4/10/2025	547	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5A	336	n/a	4/17/2025	556	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-6	336	n/a	4/15/2025	286	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-7	336	n/a	4/15/2025	241	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-8	336	n/a	4/15/2025	192	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-9	336	n/a	4/10/2025	1100	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter	(normality) 1 of 2

Appendix III - Trend Tests - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:31 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	MW-1 (bg)	-0.003253	-102	-98	Yes	23	43.48	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-11	-0.9071	-116	-98	Yes	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12	-0.0991	-45	-43	Yes	13	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12A	-0.06697	-128	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13	-0.09272	-94	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13A	0.0177	103	63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-14A	-0.5105	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-16	-0.3163	-112	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-17	-0.5349	-102	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-19	-0.02456	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-5A	-1.098	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-7	-0.9442	-202	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-1 (bg)	1.213	114	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-11	-43.45	-133	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-12A	-6.794	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-14A	-16.63	-138	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-17	-17.46	-100	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-5A	-36.92	-164	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-7	-23.93	-191	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-10	-3.779	-101	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-11	-44.14	-169	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12	-10.22	-52	-43	Yes	13	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12A	-7.168	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-13A	9.275	130	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-14A	-24.98	-146	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-16	-14.91	-118	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-17	-15.7	-90	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-21	-3.042	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-5A	-29.15	-159	-87	Yes	21	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-1 (bg)	0.01263	149	98	Yes	23	47.83	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-4	0.02939	86	74	Yes	19	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-8	0.04428	167	152	Yes	31	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-11	-80.89	-137	-98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-13A	6.942	86	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-17	-15.13	-67	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-2 (bg)	0.6305	87	74	Yes	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-5A	-27.02	-101	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-1 (bg)	6.9	100	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-11	-240.4	-149	-98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12	-28.97	-46	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12A	-35.25	-127	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-13A	20.12	96	63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-17	-76	-96	-63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-24	-293.4	-35	-34	Yes	11	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5	-45.86	-48	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5A	-164.7	-178	-87	Yes	21	0	n/a	n/a	0.01	NP

Appendix III - Trend Tests - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:31 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	MW-1 (bg)	-0.003253	-102	-98	Yes	23	43.48	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-10	0.01506	75	98	No	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-11	-0.9071	-116	-98	Yes	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12	-0.0991	-45	-43	Yes	13	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12A	-0.06697	-128	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13	-0.09272	-94	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13A	0.0177	103	63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-14	-0.08115	-16	-38	No	12	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-14A	-0.5105	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-16	-0.3163	-112	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-17	-0.5349	-102	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-18	-0.008199	-41	-63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-19	-0.02456	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-2 (bg)	-0.00149	-67	-74	No	19	52.63	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-20	0.001152	29	63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-21	0.0005922	1	63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-22	0.0003576	6	63	No	17	5.882	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-23	-0.8994	-57	-63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-24	-1.419	-33	-34	No	11	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-25	-0.9125	-19	-34	No	11	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-26	0	-1	-34	No	11	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-4	0.09892	53	74	No	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-5	-0.07841	-12	-43	No	13	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-5A	-1.098	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-6	-0.01652	-95	-98	No	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-7	-0.9442	-202	-98	Yes	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-8	0.008117	56	98	No	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-9	0.3051	87	98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-1 (bg)	1.213	114	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-10	-3.028	-77	-98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-11	-43.45	-133	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-12	-4.889	-42	-43	No	13	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-12A	-6.794	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-14	-7.939	-22	-38	No	12	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-14A	-16.63	-138	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-17	-17.46	-100	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-2 (bg)	0	-8	-74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-20	-0.2669	-10	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-21	-1.22	-29	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-22	-1.122	-17	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-23	-11.85	-28	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-24	-56.78	-30	-34	No	11	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-25	-6.149	-1	-34	No	11	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-26	-1.752	-3	-34	No	11	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-4	-2.629	-41	-74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-5	-7.061	-41	-43	No	13	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-5A	-36.92	-164	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-6	-1.646	-65	-98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-7	-23.93	-191	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-8	-0.8418	-63	-98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-9	23	94	98	No	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-1 (bg)	-0.08252	-87	-98	No	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-10	-3.779	-101	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-11	-44.14	-169	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12	-10.22	-52	-43	Yes	13	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12A	-7.168	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-13A	9.275	130	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-14	-9.637	-35	-38	No	12	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-14A	-24.98	-146	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-16	-14.91	-118	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-17	-15.7	-90	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-2 (bg)	-0.1119	-28	-74	No	19	21.05	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-21	-3.042	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-23	-25.92	-36	-63	No	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-24	-43.49	-27	-34	No	11	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-25	-24.28	-11	-34	No	11	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-4	-1.788	-18	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-5	-5.429	-32	-43	No	13	0	n/a	n/a	0.01	NP

Appendix III - Trend Tests - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:31 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	MW-5A	-29.15	-159	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-8	-2.833	-76	-98	No	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-9	-7.471	-19	-98	No	23	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-1 (bg)	0.01263	149	98	Yes	23	47.83	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-11	0	-4	-98	No	23	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-17	0.0905	32	63	No	17	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-2 (bg)	0	0	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-23	-0.07633	-20	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-24	0.1939	27	34	No	11	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-25	-0.0003916	-1	-34	No	11	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-4	0.02939	86	74	Yes	19	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-5A	-0.02239	-31	-87	No	21	4.762	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-7	0.1019	88	98	No	23	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-1 (bg)	0.05343	94	105	No	24	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-11	0.02949	126	152	No	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-2 (bg)	0.005783	9	81	No	20	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-23	-0.008338	-4	-63	No	17	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-8	0.04428	167	152	Yes	31	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-1 (bg)	0.8622	65	98	No	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-10	1.58	17	98	No	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-11	-80.89	-137	-98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-12	-5.347	-17	-43	No	13	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-12A	-8.466	-48	-87	No	21	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-13A	6.942	86	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-14	-11.04	-17	-38	No	12	8.333	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-17	-15.13	-67	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-2 (bg)	0.6305	87	74	Yes	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-21	1.986	21	63	No	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-23	2.469	4	63	No	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-24	-137.2	-23	-34	No	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-25	4.705	2	34	No	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-26	6.401	25	34	No	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-4	26.77	74	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-5	-5.893	-8	-43	No	13	7.692	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-5A	-27.02	-101	-87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-6	-3.327	-53	-98	No	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-9	51.98	79	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-1 (bg)	6.9	100	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-10	-17.27	-85	-98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-11	-240.4	-149	-98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12	-28.97	-46	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12A	-35.25	-127	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-13A	20.12	96	63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-14	-53.43	-34	-38	No	12	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-17	-76	-96	-63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-2 (bg)	2.386	41	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-22	-4.305	-21	-63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-23	-84.26	-33	-63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-24	-293.4	-35	-34	Yes	11	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-25	-29.84	-1	-34	No	11	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-4	-10.07	-17	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5	-45.86	-48	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5A	-164.7	-178	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-9	51	38	98	No	23	0	n/a	n/a	0.01	NP

Upper Tolerance Limits

Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant Printed 1/23/2024, 11:24 AM

<u>Constituent</u>	<u>Upper Lim.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Arsenic (mg/L)	0.0031	37	n/a	n/a	54.05	n/a	n/a	0.1499	NP Inter
Barium, Total (mg/L)	0.146	37	n/a	n/a	0	n/a	n/a	0.1499	NP Inter
Beryllium (mg/L)	0.001	37	n/a	n/a	91.89	n/a	n/a	0.1499	NP Inter
Cadmium (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Chromium (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Cobalt (mg/L)	0.013	37	n/a	n/a	0	n/a	n/a	0.1499	NP Inter
Combined Radium 226 + 228 (pCi/L)	1.49	39	n/a	n/a	0	n/a	n/a	0.1353	NP Inter
Fluoride, total (mg/L)	0.162	39	n/a	n/a	69.23	n/a	n/a	0.1353	NP Inter
Lead (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Lithium (mg/L)	0.004	38	n/a	n/a	78.95	n/a	n/a	0.1424	NP Inter
Mercury (mg/L)	0.0002	37	n/a	n/a	94.59	n/a	n/a	0.1499	NP Inter
Molybdenum (mg/L)	0.001	37	n/a	n/a	97.3	n/a	n/a	0.1499	NP Inter
Selenium (mg/L)	0.001	37	n/a	n/a	91.89	n/a	n/a	0.1499	NP Inter
Thallium (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter

LOWMAN POWER PLANT GWPS			
Analyte	Units	Background	GWPS
Antimony	mg/L	0.001	0.006
Arsenic	mg/L	0.0031	0.01
Barium	mg/L	0.15	2
Beryllium	mg/L	0.001	0.004
Cadmium	mg/L	0.001	0.005
Chromium	mg/L	0.001	0.1
Cobalt	mg/L	0.013	0.013
Combined Radium-226/228	pCi/L	1.49	5
Fluoride	mg/L	0.16	4
Lead	mg/L	0.001	0.015
Lithium	mg/L	0.004	0.04
Mercury	mg/L	0.0002	0.002
Molybdenum	mg/L	0.001	0.1
Selenium	mg/L	0.001	0.05
Thallium	mg/L	0.001	0.002

Notes:

1. mg/L - Milligrams per liter

2. pCi/L - Picocuries per liter

3. The background limits were used as the groundwater protection standard (GWPS) when appropriate under 40 CFR §257.95(h), ADEM Rule 335-13-15-.06(h), and the ADEM Variance.

4. GWPS established during second semi-annual sampling event in 2023.

Confidence Interval Summary Table - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-17	0.05891	0.02492	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-20	0.02797	0.02258	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-23	0.2327	0.1278	0.01	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-14	0.05352	0.01703	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-14A	0.04581	0.03294	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-17	0.02661	0.01539	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-3	0.02747	0.01753	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-4	0.9472	0.7223	0.013	Yes	8	0	x^2	0.01	Param.
Cobalt (mg/L)	MW-5A	0.02197	0.01328	0.013	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-11	0.0567	0.0419	0.04	Yes	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-14B	0.165	0.06317	0.04	Yes	8	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-17	0.1033	0.06016	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-23	0.168	0.1255	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-24	0.1233	0.07095	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-25	0.1455	0.1228	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-5A	0.06218	0.05219	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-7	0.08964	0.06721	0.04	Yes	8	0	No	0.01	Param.

Confidence Interval Summary Table - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-18	0.0015	0.001	0.006	No	8	87.5	No	0.004	NP (NDs)
Antimony (mg/L)	MW-3	0.0037	0.001	0.006	No	8	87.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-11	0.003445	0.001705	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-12A	0.0597	0.001	0.01	No	8	87.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-13	0.006559	0.001448	0.01	No	8	0	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-13A	0.009327	0.006423	0.01	No	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-14	0.0386	0.004453	0.01	No	8	0	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-14A	0.009597	0.003778	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-14B	0.0017	0.001	0.01	No	8	25	No	0.004	NP (normality)
Arsenic (mg/L)	MW-16	0.003295	0.001055	0.01	No	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-17	0.05891	0.02492	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-18	0.0111	0.001	0.01	No	8	50	No	0.004	NP (normality)
Arsenic (mg/L)	MW-20	0.02797	0.02258	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-21	0.009229	0.00246	0.01	No	8	12.5	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-22	0.005411	0.002489	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-23	0.2327	0.1278	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-24	0.002843	0.001489	0.01	No	8	37.5	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-25	0.05	0.0071	0.01	No	8	50	No	0.004	NP (normality)
Arsenic (mg/L)	MW-26	0.0014	0.001	0.01	No	8	62.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-4	0.009011	0.0008525	0.01	No	8	37.5	x^(1/3)	0.01	Param.
Arsenic (mg/L)	MW-5	0.05159	0.00932	0.01	No	8	0	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-5A	0.003944	0.002181	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-6	0.0217	0.001	0.01	No	8	62.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-7	0.001	0.001	0.01	No	8	75	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-8	0.03305	0.009774	0.01	No	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-9	0.0043	0.001	0.01	No	8	37.5	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-10	0.036	0.02525	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-11	0.05344	0.02956	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-12	0.03408	0.02697	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-12A	0.274	0.027	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-13	0.1044	0.08877	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-13A	0.1771	0.1401	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-14	0.2679	0.1163	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-14A	0.09057	0.06268	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-14B	0.1699	0.08087	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-15	0.0577	0.04472	2	No	8	0	ln(x)	0.01	Param.
Barium, Total (mg/L)	MW-16	0.1628	0.08473	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-17	0.158	0.054	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-18	0.2074	0.1213	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-19	0.07136	0.04914	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-20	0.1285	0.1017	2	No	8	0	x^3	0.01	Param.
Barium, Total (mg/L)	MW-21	0.1057	0.08131	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-22	0.1487	0.1303	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-23	0.05821	0.02929	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-24	0.165	0.104	2	No	8	0	x^2	0.01	Param.
Barium, Total (mg/L)	MW-25	0.05107	0.03868	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-26	0.1335	0.09628	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-3	0.1142	0.08609	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-4	0.0451	0.02752	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-5	0.3665	0.1367	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-5A	0.09484	0.07766	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-6	0.106	0.038	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-7	0.119	0.074	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-8	0.1117	0.07326	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-9	0.136	0.049	2	No	8	0	No	0.004	NP (normality)
Beryllium (mg/L)	MW-4	0.005581	0.003977	0.004	No	8	0	No	0.01	Param.
Cadmium (mg/L)	MW-10	0.0015	0.001	0.005	No	8	75	No	0.004	NP (NDs)
Cadmium (mg/L)	MW-12	0.001	0.00037	0.005	No	8	87.5	No	0.004	NP (NDs)
Cadmium (mg/L)	MW-14B	0.0102	0.001	0.005	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-12	0.003	0.001	0.1	No	8	25	No	0.004	NP (normality)
Chromium (mg/L)	MW-12A	0.001	0.001	0.1	No	8	50	No	0.004	NP (normality)
Chromium (mg/L)	MW-13	0.00116	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-13A	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-14B	0.002	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-15	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-17	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-21	0.001	0.001	0.1	No	8	62.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-26	0.001	0.001	0.1	No	8	50	No	0.004	NP (normality)

Confidence Interval Summary Table - All Results

Page 2

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Chromium (mg/L)	MW-3	0.003	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-10	0.004647	0.001228	0.013	No	8	12.5	No	0.01	Param.
Cobalt (mg/L)	MW-12A	0.013	0.001	0.013	No	8	75	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-13	0.002	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-13A	0.019	0.011	0.013	No	8	0	No	0.004	NP (normality)
Cobalt (mg/L)	MW-14	0.05352	0.01703	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-14A	0.04581	0.03294	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-15	0.004	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-16	0.01559	0.006907	0.013	No	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-17	0.02661	0.01539	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-18	0.001	0.001	0.013	No	8	87.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-19	0.004	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-20	0.006	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-21	0.005	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-22	0.003	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-23	0.016	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-24	0.004	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-25	0.011	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-3	0.02747	0.01753	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-4	0.9472	0.7223	0.013	Yes	8	0	x^2	0.01	Param.
Cobalt (mg/L)	MW-5	0.01982	0.01128	0.013	No	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-5A	0.02197	0.01328	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-6	0.014	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-7	0.001	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-8	0.002	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-10	1.808	0.2548	5	No	8	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-11	1.711	0.595	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-12	1.134	0.2267	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-12A	1.235	0.2649	5	No	8	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-13	1.369	0.4153	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-13A	1.62	0.5994	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-14	1.799	0.4507	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-14A	1.671	0.4539	5	No	8	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-14B	1.99	0.5419	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-15	1.205	0.3072	5	No	8	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-16	1.4	0.4114	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-17	1.38	0.3173	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-18	0.8281	0.4296	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-19	0.675	0.09922	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-20	1.276	0.4266	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-21	0.7827	0.4161	5	No	8	0	x^3	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-22	1.189	0.3153	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-23	1.481	0.6655	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-24	1.268	0.7602	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-25	1.347	0.4564	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-26	0.987	0.3725	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-3	1.174	0.1488	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-4	1.346	0.5897	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-5	1.399	0.6637	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-5A	3.012	0.2263	5	No	8	0	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-6	0.8296	0.4557	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-7	10.9	0.533	5	No	8	0	No	0.004	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-8	0.8159	0.3666	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-9	2.577	0.9865	5	No	8	0	sqrt(x)	0.01	Param.
Fluoride, total (mg/L)	MW-10	0.282	0.125	4	No	8	87.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-11	2.102	1.645	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-12	0.151	0.05	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-13	1.25	0.13	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-14	0.1891	0.1284	4	No	8	37.5	x^5	0.01	Param.
Fluoride, total (mg/L)	MW-14A	0.253	0.125	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-16	0.128	0.125	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-17	1.922	0.7936	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-18	0.146	0.125	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-20	0.203	0.125	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-21	0.208	0.125	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-22	0.223	0.125	4	No	8	87.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-23	2.42	1.391	4	No	8	0	x^2	0.01	Param.
Fluoride, total (mg/L)	MW-24	1.563	0.8503	4	No	8	0	x^2	0.01	Param.

Confidence Interval Summary Table - All Results

Page 3

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Fluoride, total (mg/L)	MW-25	0.8779	0.3766	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-26	0.2248	0.1192	4	No	8	25	No	0.01	Param.
Fluoride, total (mg/L)	MW-3	0.157	0.125	4	No	8	87.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-4	0.8186	0.3139	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-5	0.336	0.125	4	No	8	50	No	0.004	NP (normality)
Fluoride, total (mg/L)	MW-5A	1.676	1.256	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-6	0.2	0.125	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-7	2.486	1.802	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-8	0.2806	0.1608	4	No	8	25	x^2	0.01	Param.
Fluoride, total (mg/L)	MW-9	0.226	0.125	4	No	8	50	No	0.004	NP (normality)
Lead (mg/L)	MW-4	0.001811	0.001059	0.015	No	8	25	No	0.01	Param.
Lithium (mg/L)	MW-10	0.01606	0.01252	0.04	No	8	0	No	0.01	Param.
Lithium (mg/L)	MW-11	0.0567	0.0419	0.04	Yes	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-12	0.00916	0.004	0.04	No	8	50	No	0.004	NP (normality)
Lithium (mg/L)	MW-12A	0.00633	0.00408	0.04	No	8	37.5	No	0.01	Param.
Lithium (mg/L)	MW-13A	0.00958	0.00659	0.04	No	8	0	No	0.01	Param.
Lithium (mg/L)	MW-14	0.004	0.0015	0.04	No	8	87.5	No	0.004	NP (NDs)
Lithium (mg/L)	MW-14A	0.0118	0.00679	0.04	No	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-14B	0.165	0.06317	0.04	Yes	8	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-16	0.0519	0.0309	0.04	No	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-17	0.1033	0.06016	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-19	0.01222	0.008678	0.04	No	8	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-23	0.168	0.1255	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-24	0.1233	0.07095	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-25	0.1455	0.1228	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-4	0.006922	0.004803	0.04	No	8	12.5	No	0.01	Param.
Lithium (mg/L)	MW-5	0.00585	0.005	0.04	No	8	87.5	No	0.004	NP (NDs)
Lithium (mg/L)	MW-5A	0.06218	0.05219	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-6	0.00603	0.004	0.04	No	8	62.5	No	0.004	NP (NDs)
Lithium (mg/L)	MW-7	0.08964	0.06721	0.04	Yes	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-11	0.1065	0.06752	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-12A	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-14	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-14B	0.04297	0.01807	0.1	No	8	0	ln(x)	0.01	Param.
Molybdenum (mg/L)	MW-16	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-17	0.1161	0.02765	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-21	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-23	0.1585	0.0993	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-24	0.01727	0.005122	0.1	No	8	12.5	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-25	0.09514	0.06211	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-26	0.006971	0.003779	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-3	0.002	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-5	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-5A	0.1241	0.05826	0.1	No	8	0	x^(1/3)	0.01	Param.
Molybdenum (mg/L)	MW-6	0.003	0.001	0.1	No	8	62.5	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-7	0.02103	0.01047	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-8	0.001	0.001	0.1	No	8	62.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-10	0.003867	0.0008827	0.05	No	8	0	No	0.01	Param.
Selenium (mg/L)	MW-12	0.008	0.001	0.05	No	8	37.5	No	0.004	NP (normality)
Selenium (mg/L)	MW-12A	0.007	0.001	0.05	No	8	25	No	0.004	NP (normality)
Selenium (mg/L)	MW-13	0.003	0.001	0.05	No	8	37.5	No	0.004	NP (normality)
Selenium (mg/L)	MW-13A	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-14	0.001	0.001	0.05	No	8	75	No	0.004	NP (NDs)
Selenium (mg/L)	MW-14A	0.002	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-14B	0.002	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-16	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-17	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-19	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-26	0.01783	0.004673	0.05	No	8	0	No	0.01	Param.
Selenium (mg/L)	MW-4	0.005	0.001	0.05	No	8	62.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-5	0.0033	0.00188	0.05	No	8	0	No	0.004	NP (normality)
Selenium (mg/L)	MW-6	0.011	0.001	0.05	No	8	62.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-7	0.012	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-9	0.002	0.001	0.05	No	8	75	No	0.004	NP (NDs)

Appendix IV - Trend Tests - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:25 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-1 (bg)	0.000173	93	71	Yes	22	22.73	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-20	-0.003089	-94	-49	Yes	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14A	-0.008554	-108	-62	Yes	20	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-2 (bg)	-0.0002491	-78	-53	Yes	18	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-3	-0.001438	-52	-49	Yes	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-4	-0.0272	-83	-53	Yes	18	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-11	-0.002786	-129	-81	Yes	24	4.167	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-14B	-0.02091	-22	-17	Yes	8	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-17	-0.01241	-116	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-23	-0.0108	-86	-58	Yes	19	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-24	-0.01909	-29	-23	Yes	10	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-5A	-0.011	-144	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-7	-0.0137	-167	-81	Yes	24	0	n/a	n/a	0.05	NP

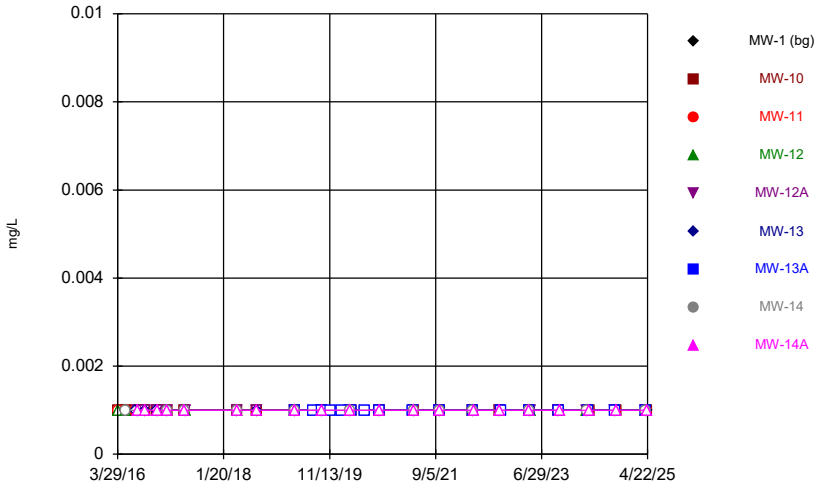
Appendix IV - Trend Tests - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:25 AM

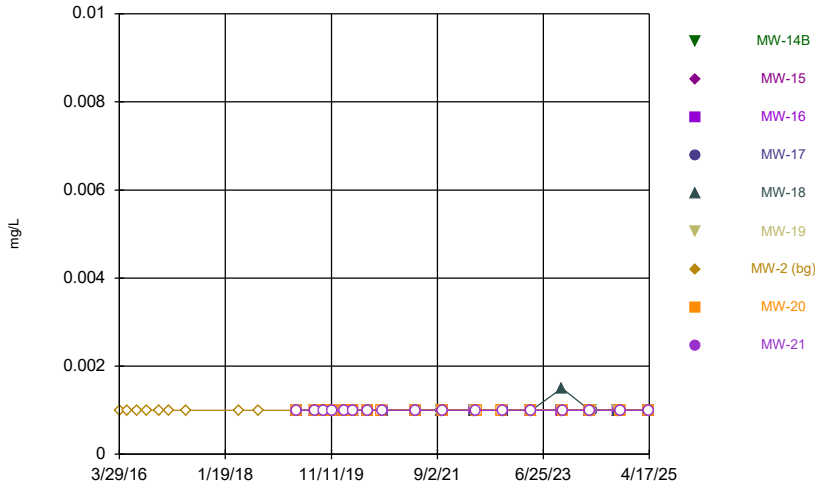
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-1 (bg)	0.000173	93	71	Yes	22	22.73	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-17	0.001406	17	49	No	17	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-2 (bg)	0	13	53	No	18	94.44	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-20	-0.003089	-94	-49	Yes	17	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-23	-0.006412	-13	-49	No	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-1 (bg)	-0.000164	-44	-71	No	22	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14	-0.006122	-13	-30	No	12	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14A	-0.008554	-108	-62	Yes	20	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-17	-0.0009271	-22	-49	No	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-2 (bg)	-0.0002491	-78	-53	Yes	18	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-3	-0.001438	-52	-49	Yes	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-4	-0.0272	-83	-53	Yes	18	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-5A	0.0004195	21	62	No	20	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-1 (bg)	0	14	71	No	22	86.36	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-11	-0.002786	-129	-81	Yes	24	4.167	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-14B	-0.02091	-22	-17	Yes	8	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-17	-0.01241	-116	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-2 (bg)	0	15	58	No	19	73.68	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-23	-0.0108	-86	-58	Yes	19	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-24	-0.01909	-29	-23	Yes	10	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-25	-0.00186	-4	-23	No	10	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-5A	-0.011	-144	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-7	-0.0137	-167	-81	Yes	24	0	n/a	n/a	0.05	NP

FIGURE A.

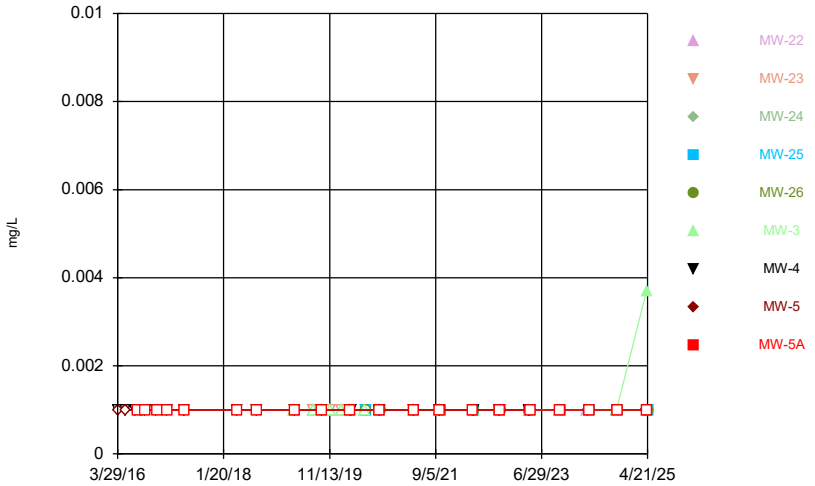
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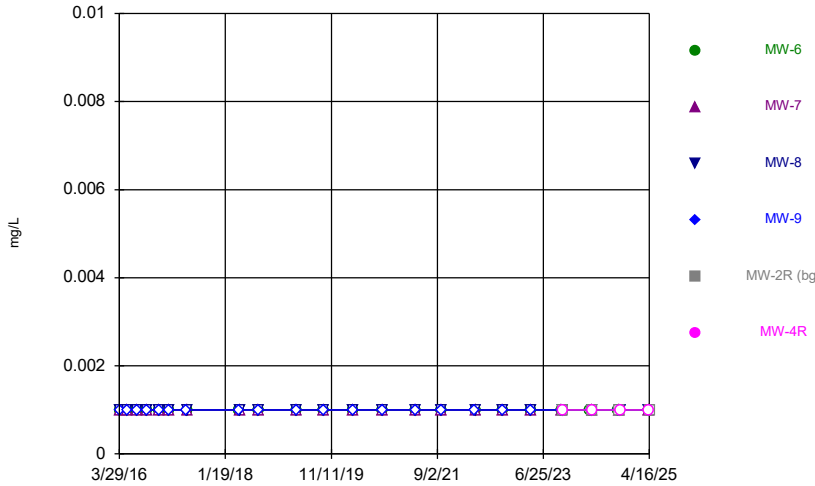
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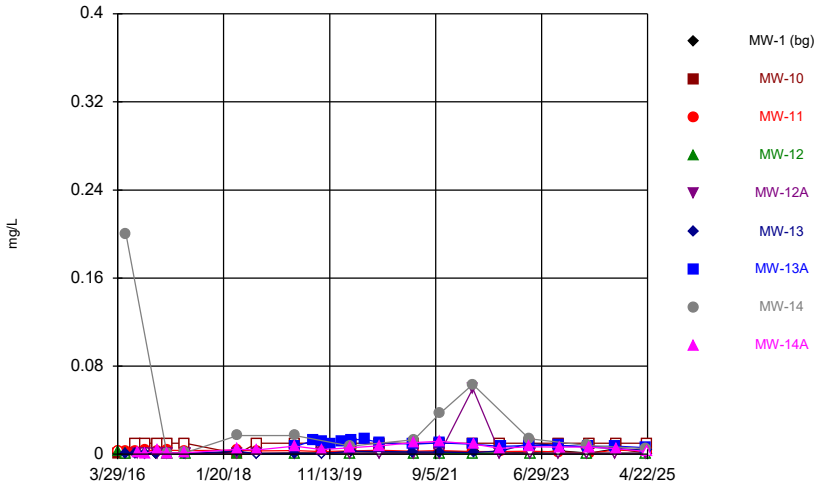
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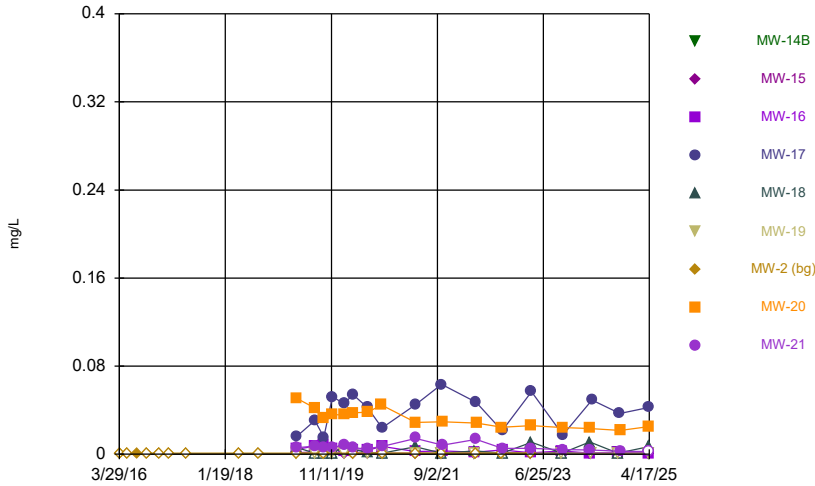
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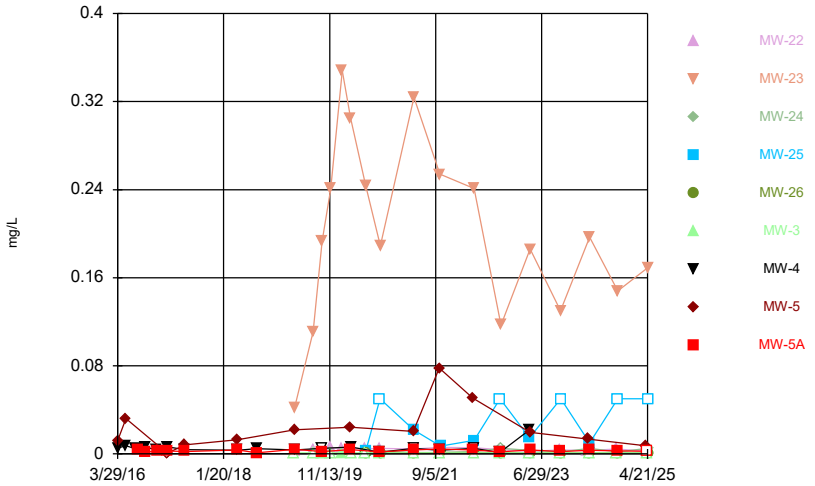
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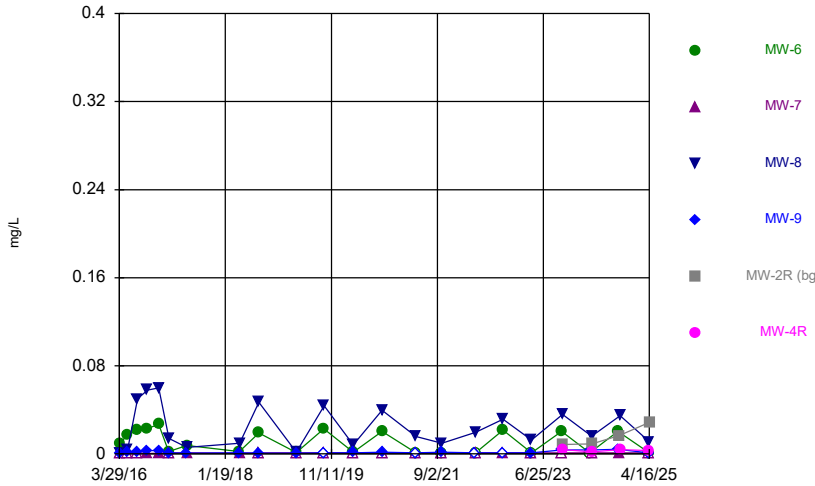
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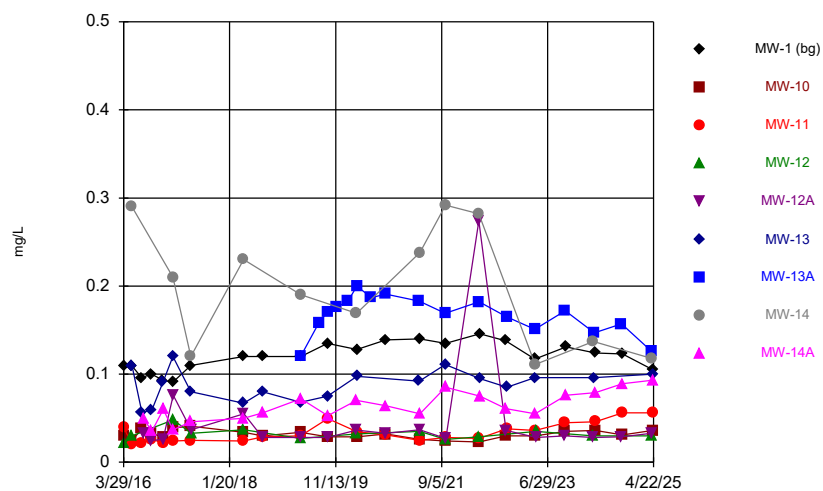
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Time Series

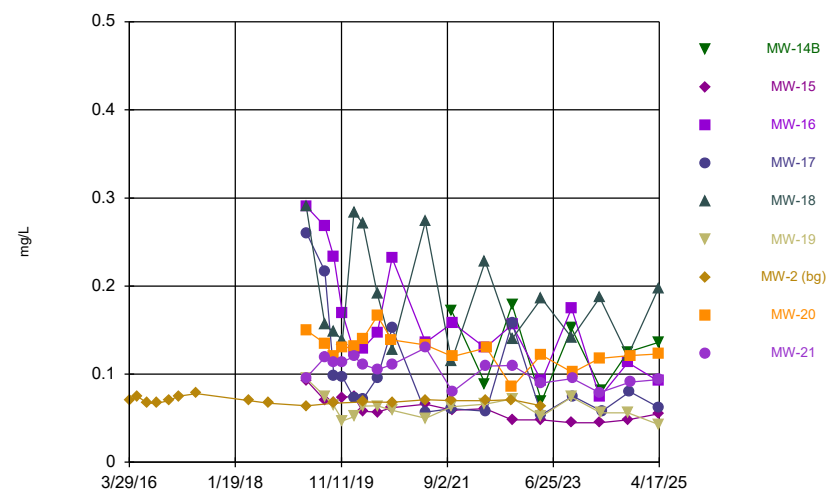


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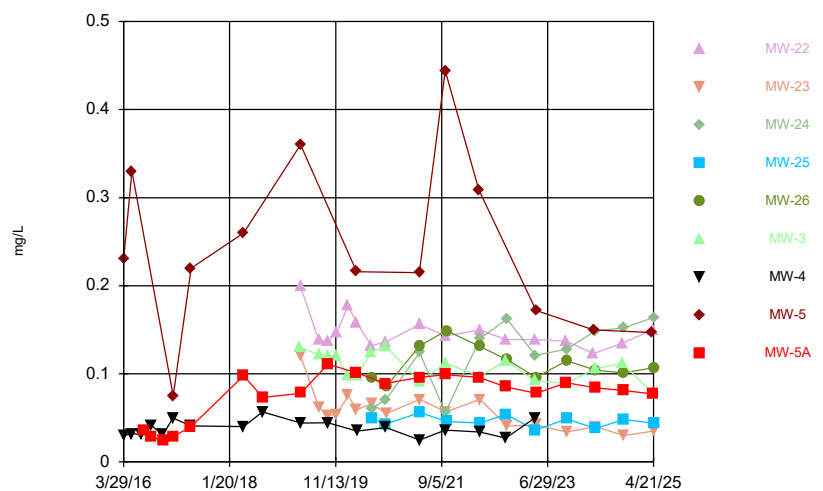
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



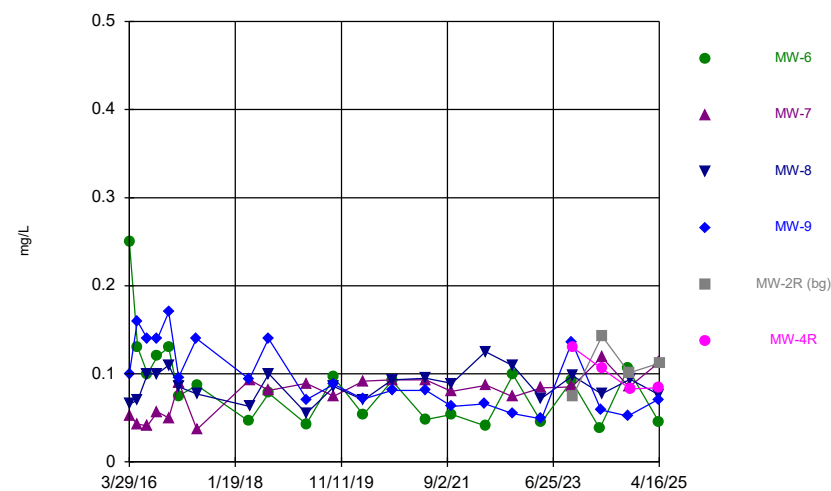
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



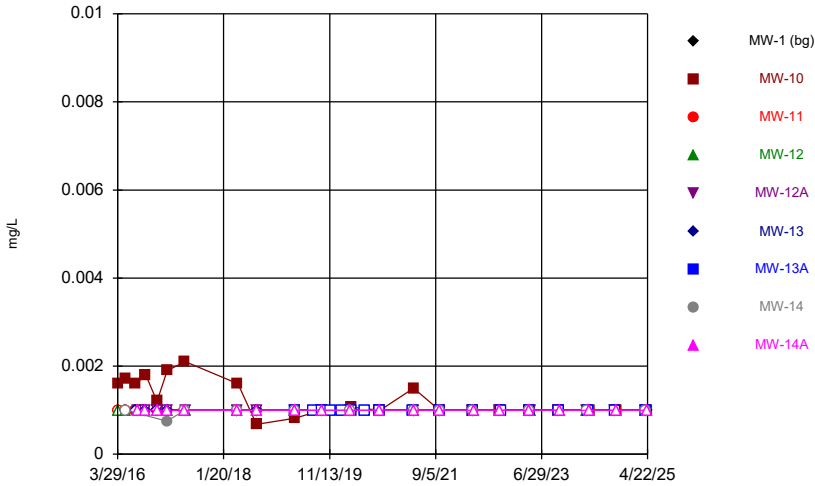
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series

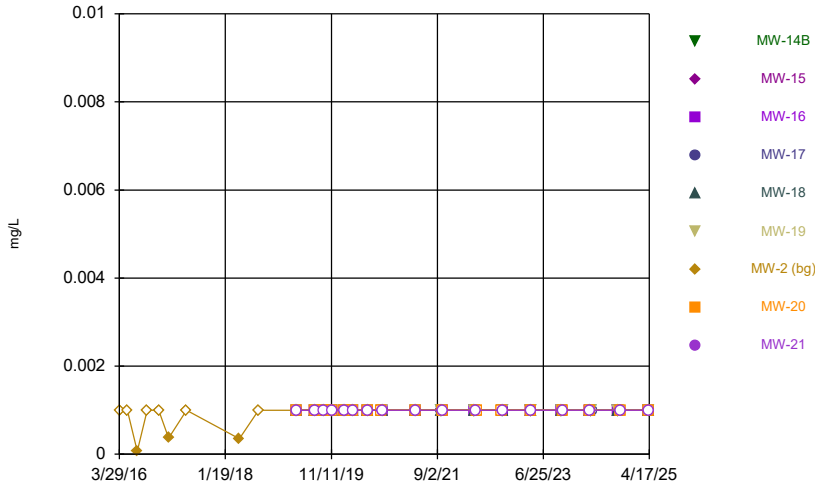


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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

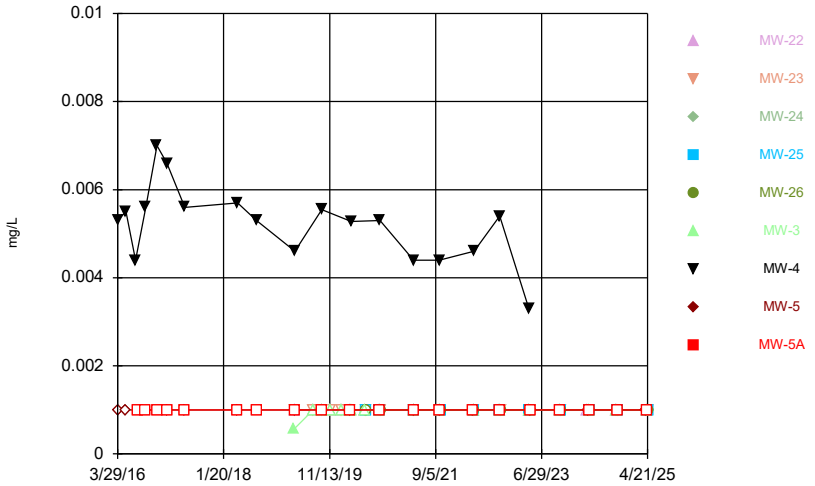
Time Series



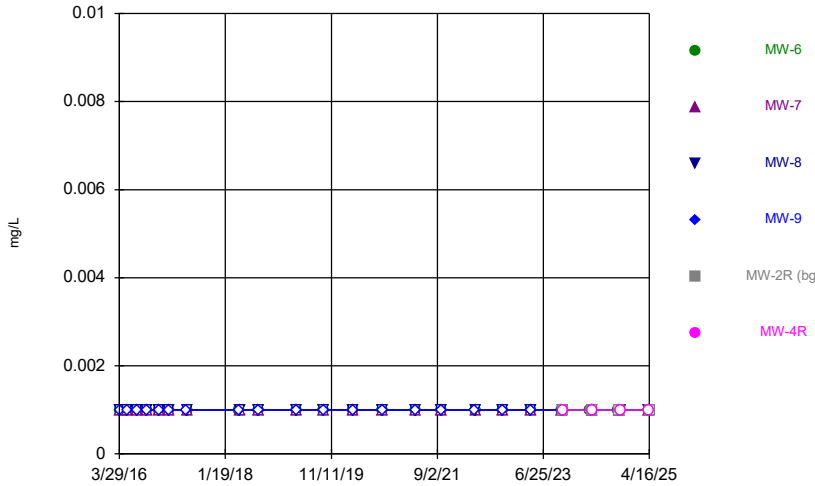
Time Series



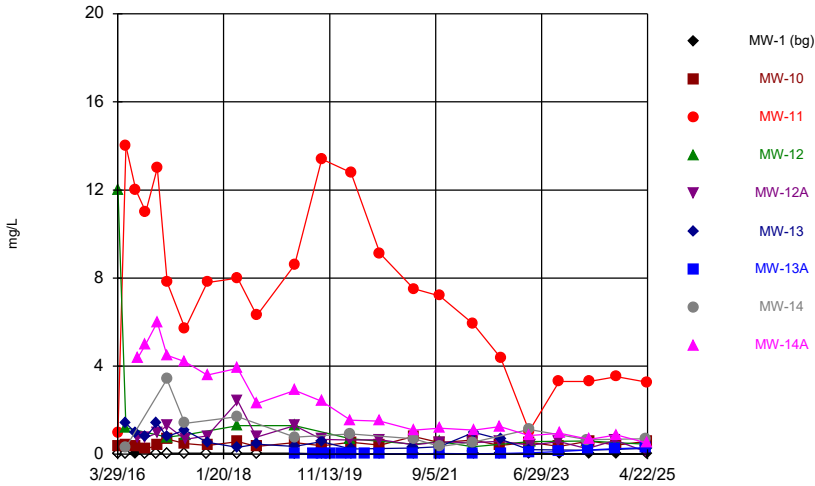
Time Series



Time Series

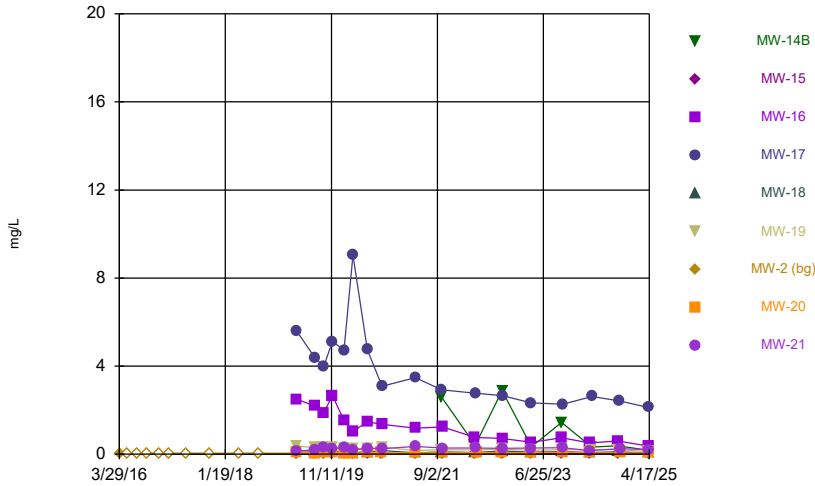


Time Series



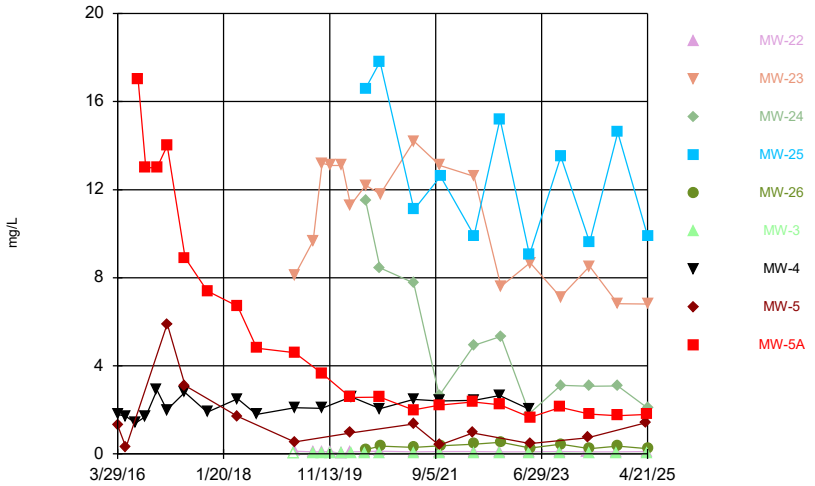
Constituent: Boron, total Analysis Run 6/17/2025 9:06 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



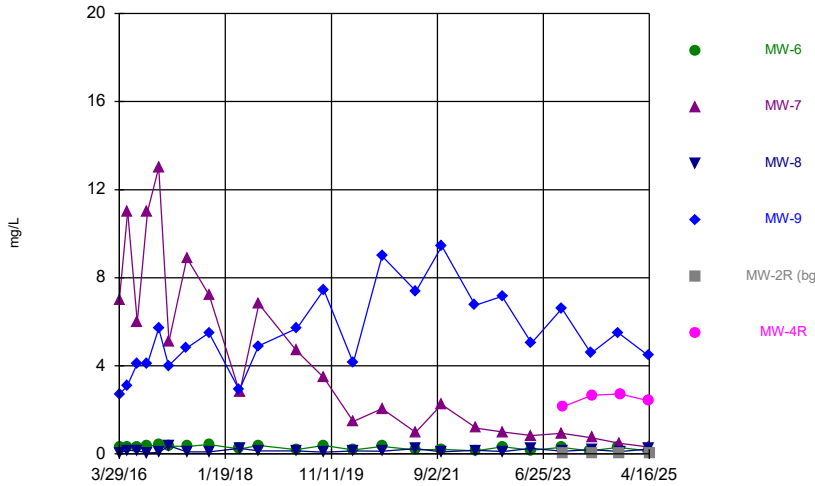
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



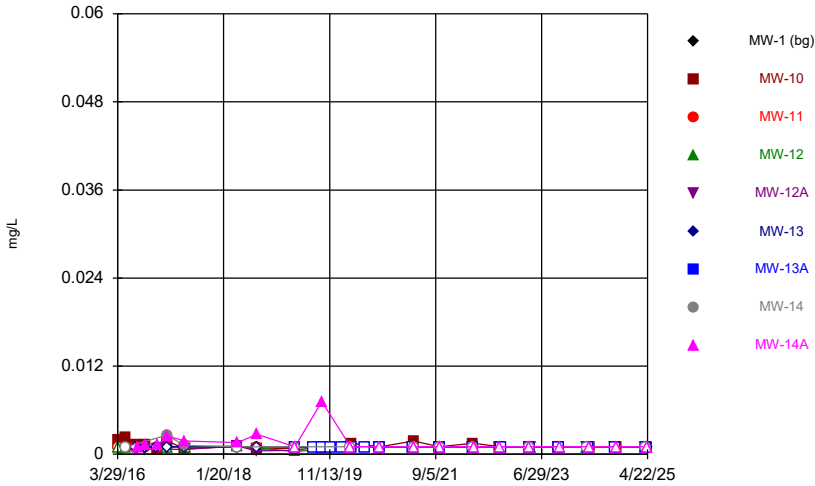
Constituent: Boron, total Analysis Run 6/17/2025 9:06 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series

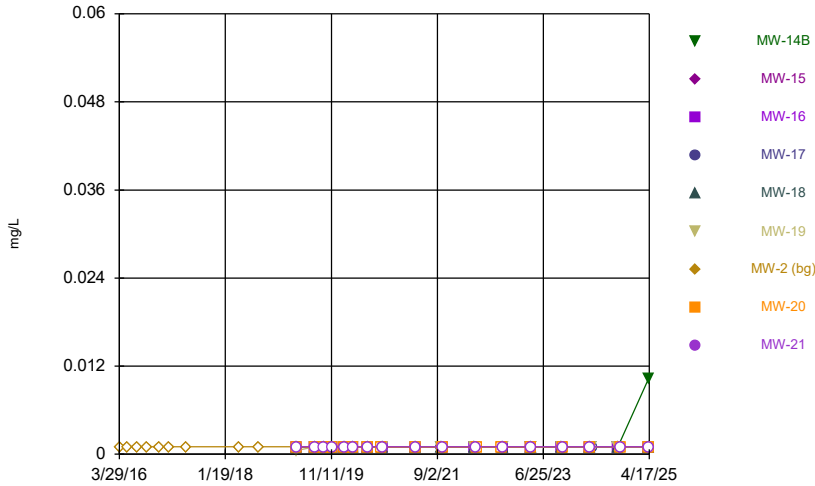


Constituent: Boron, total Analysis Run 6/17/2025 9:06 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

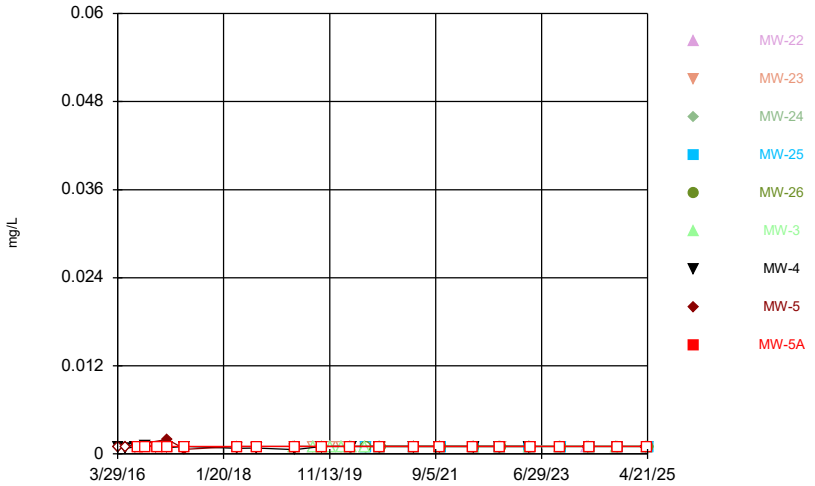
Time Series



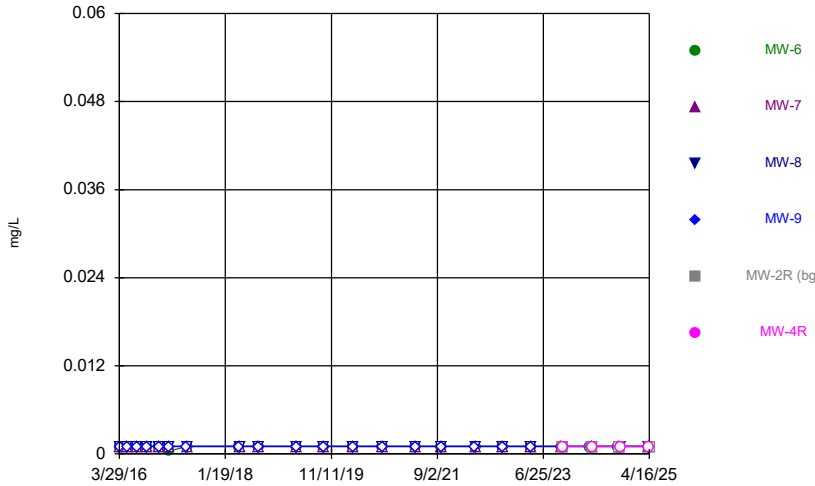
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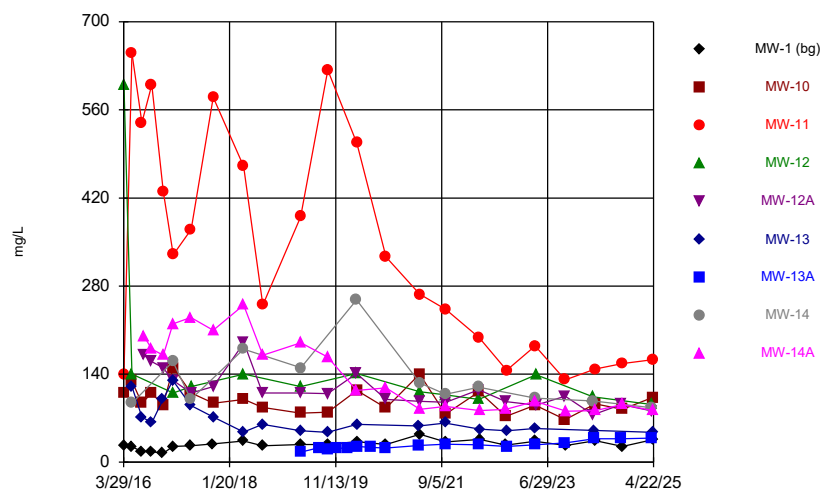
Time Series



Time Series

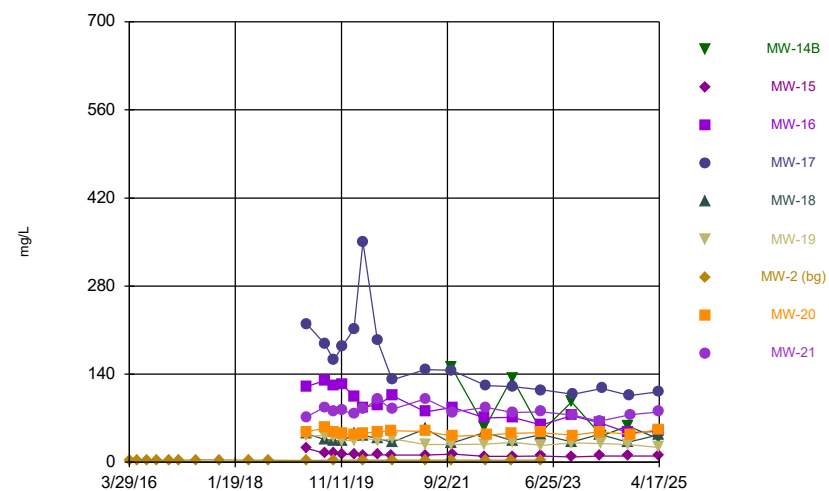


Time Series



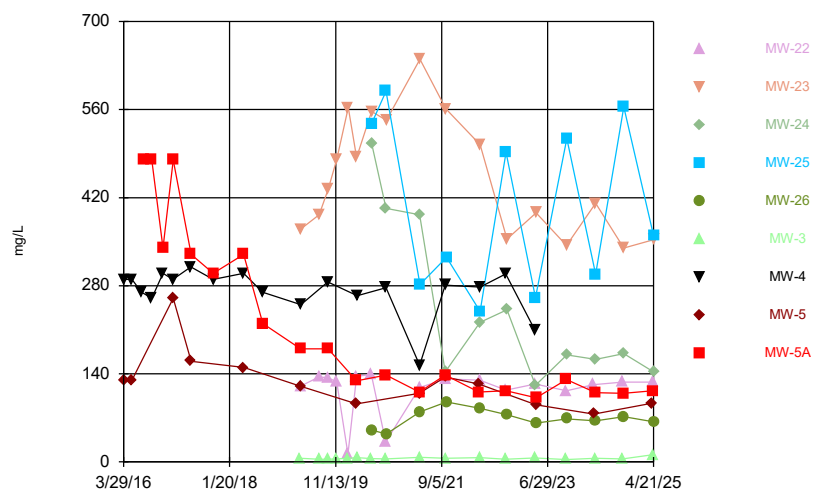
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



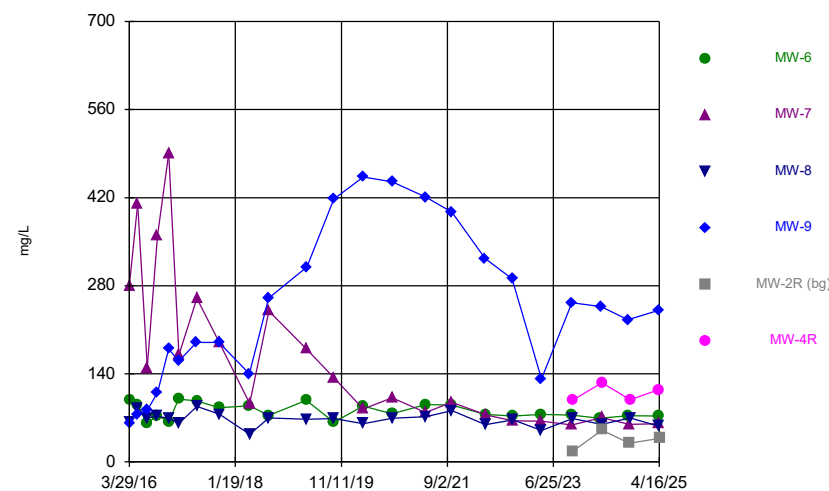
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



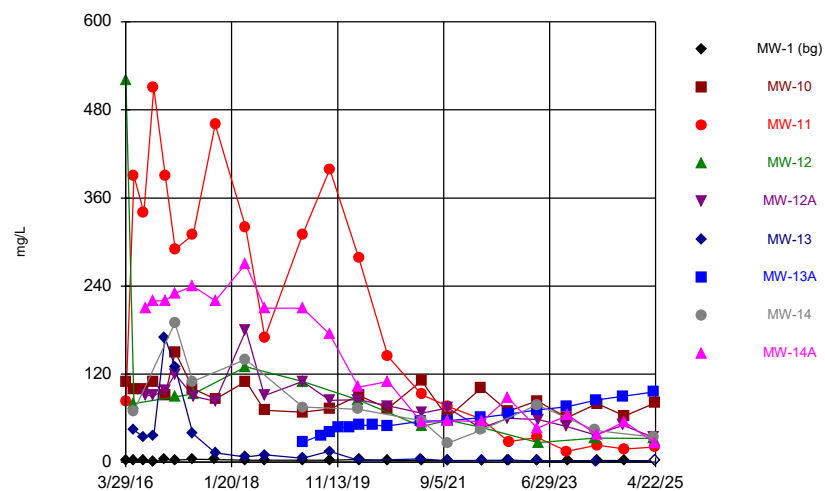
Constituent: Calcium, total Analysis Run 6/17/2025 9:06 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



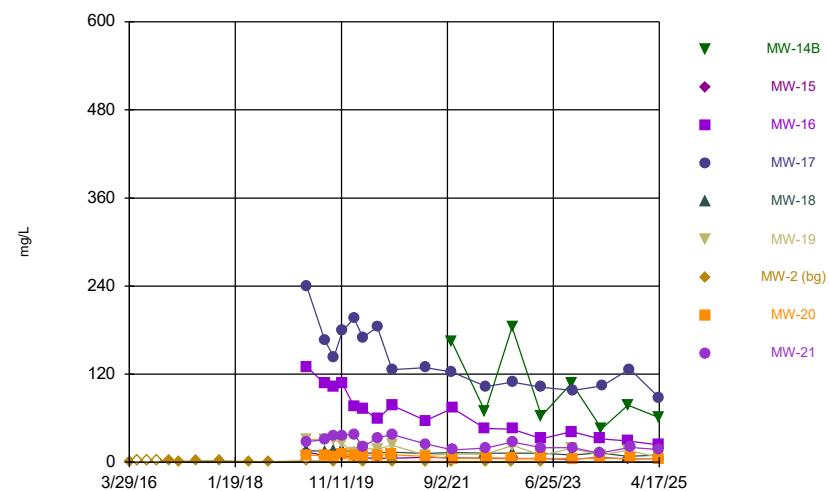
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



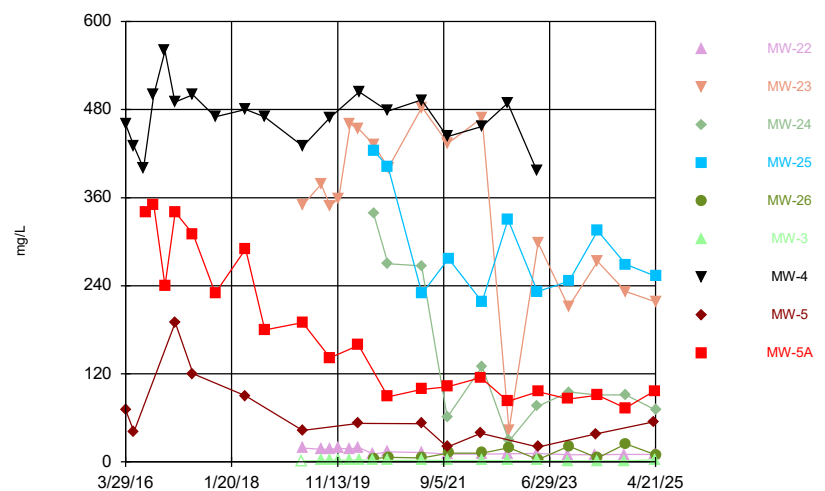
Constituent: Chloride, Total Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



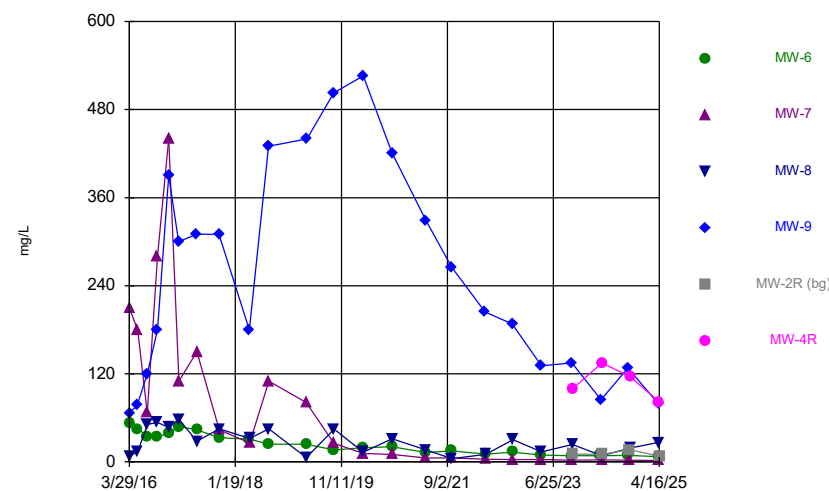
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



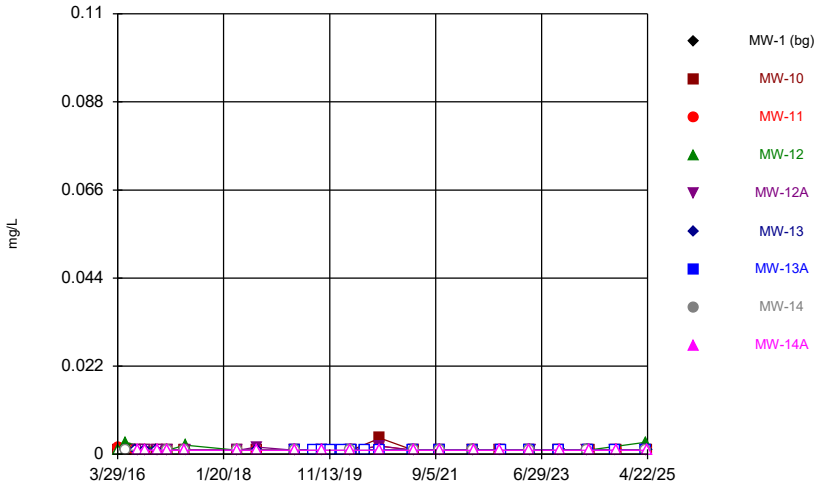
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



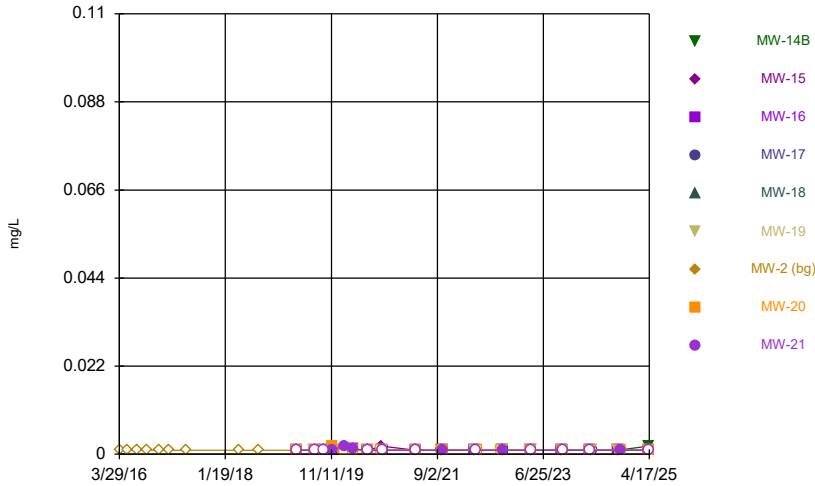
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



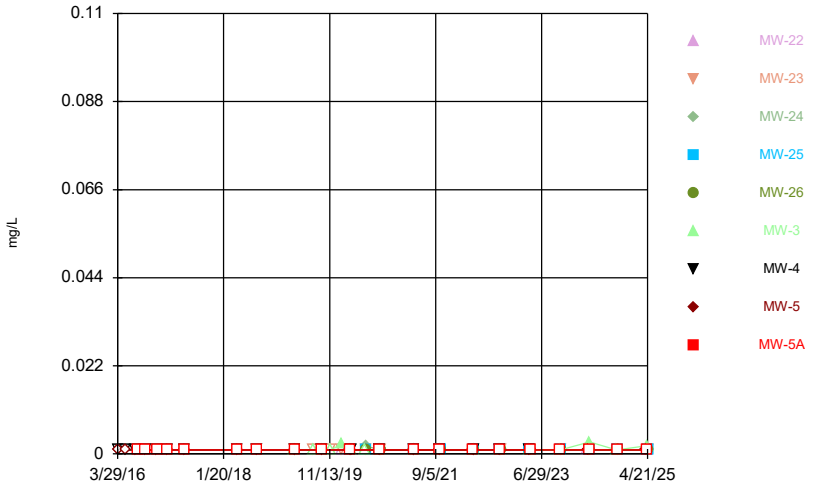
Constituent: Chromium Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



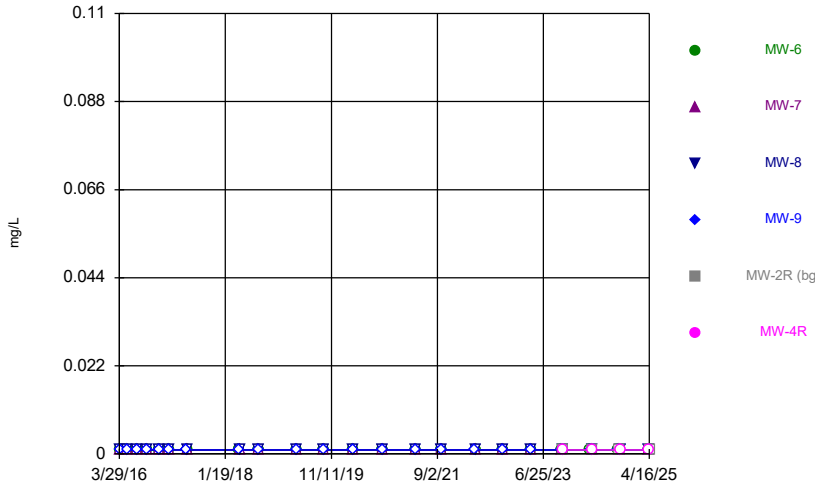
Constituent: Chromium Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



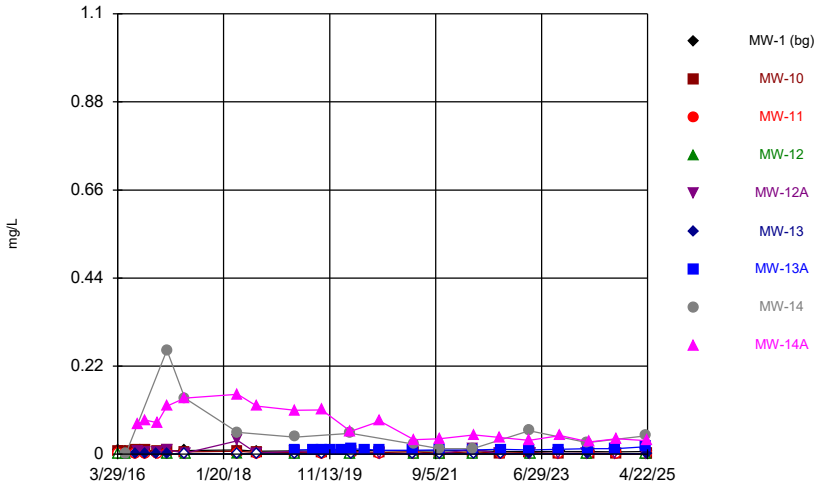
Constituent: Chromium Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series

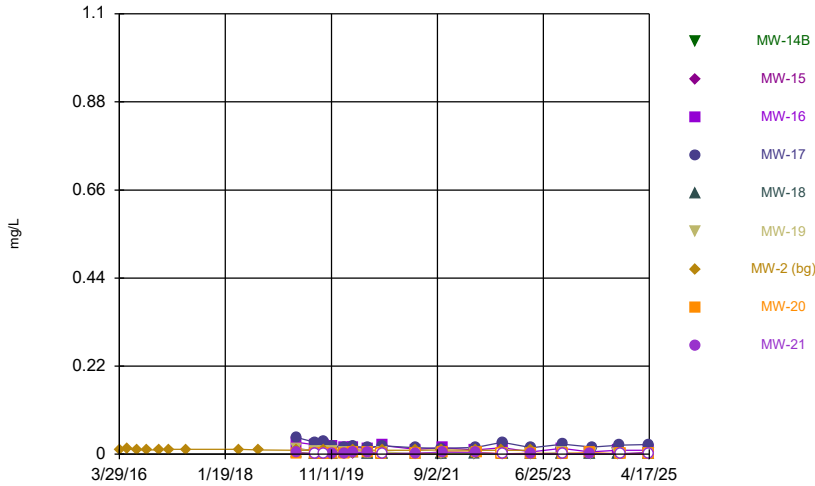


Constituent: Chromium Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

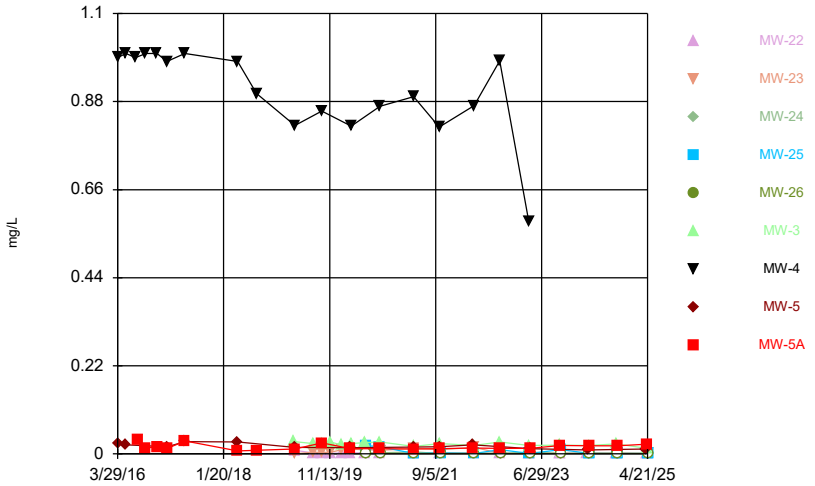
Time Series



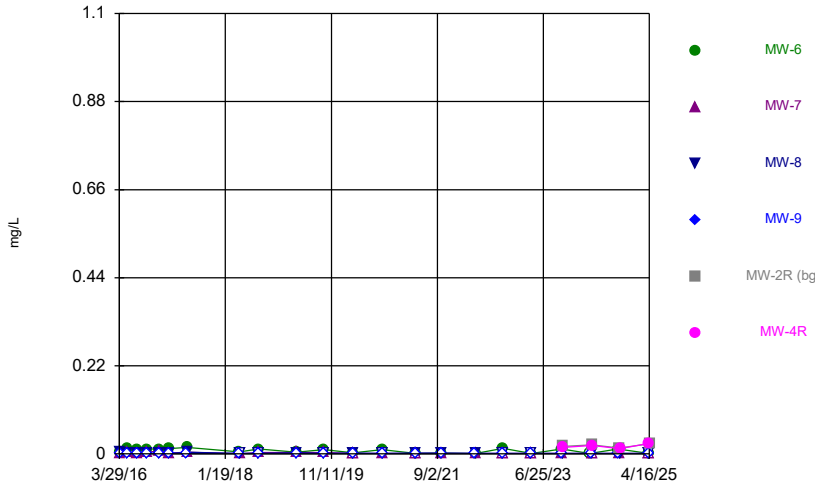
Time Series



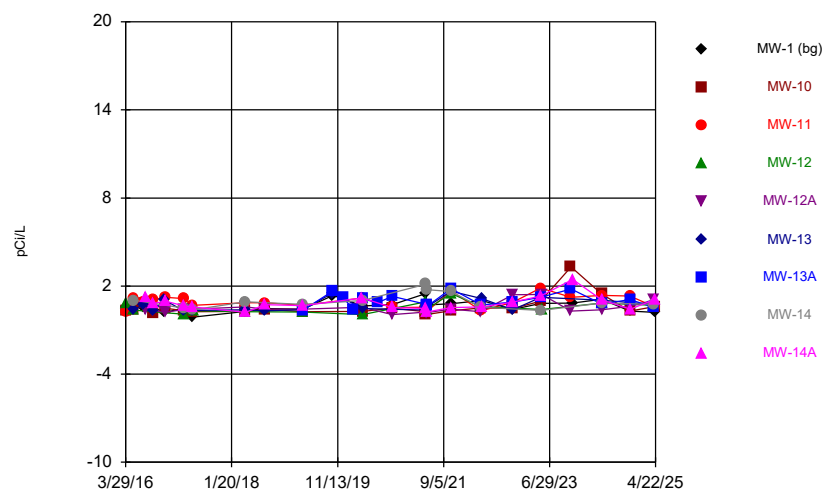
Time Series



Time Series

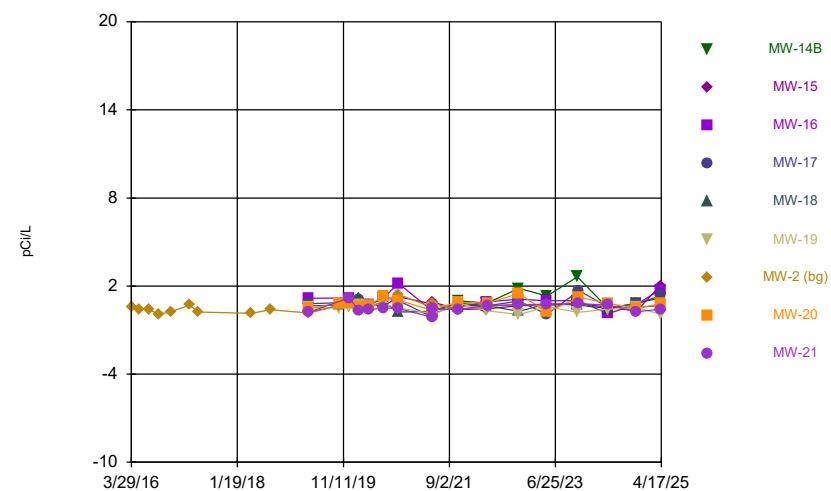


Time Series



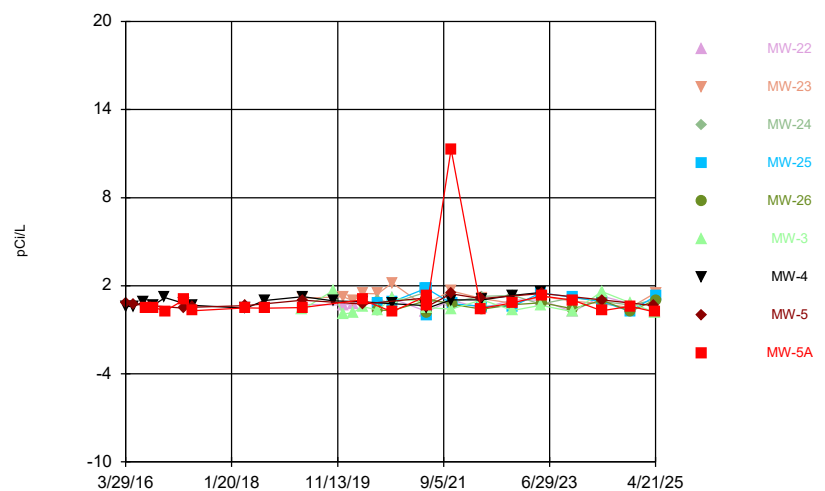
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



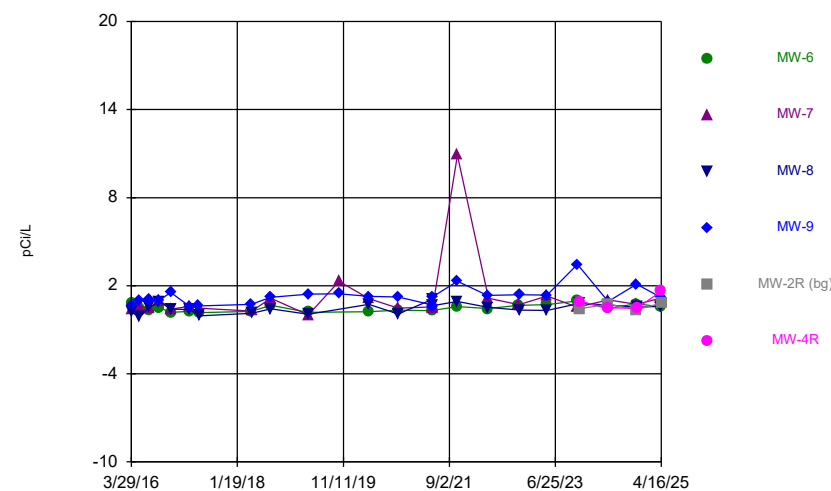
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



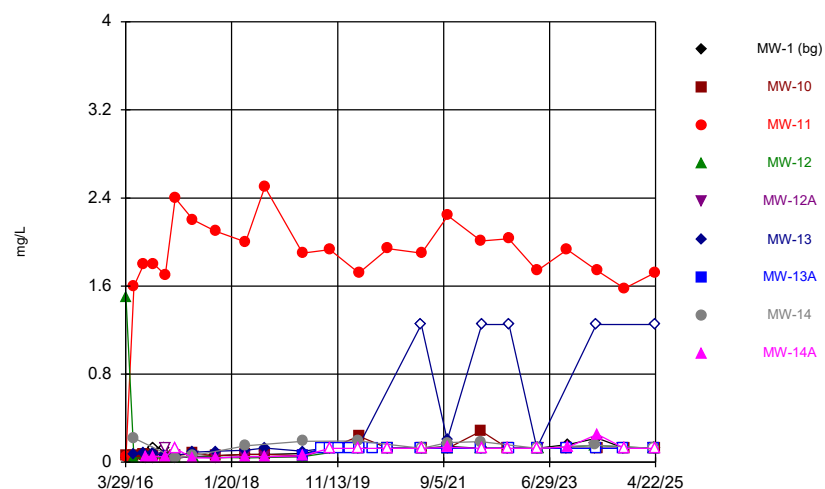
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



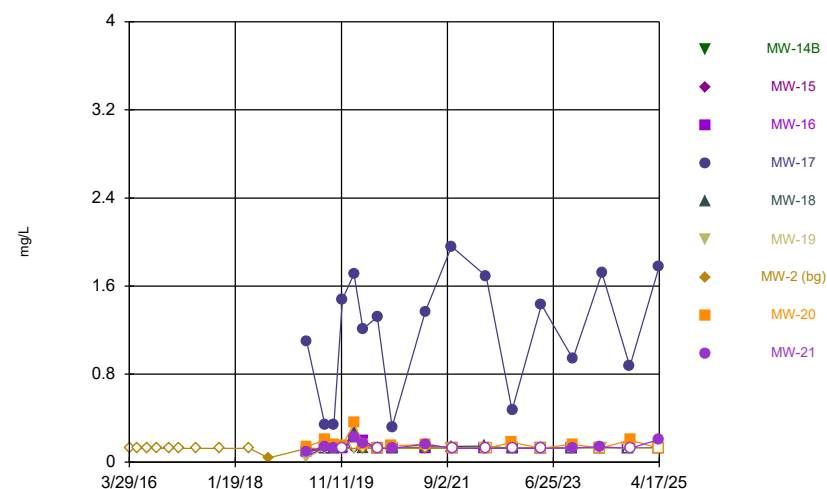
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



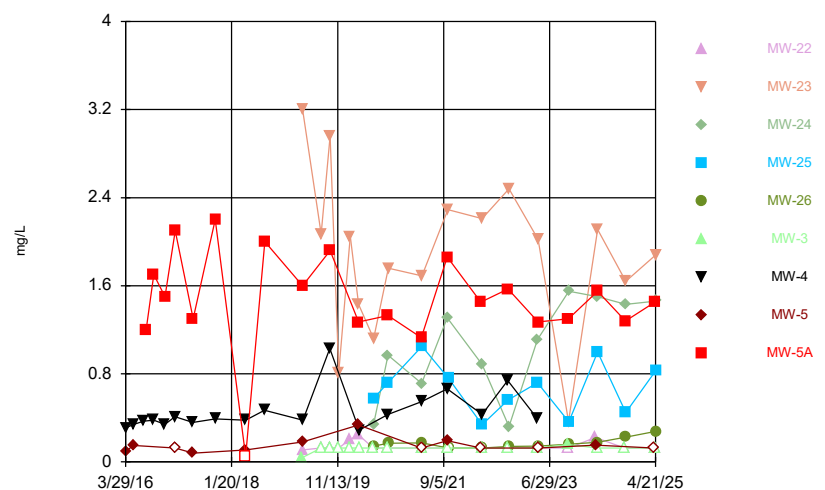
Constituent: Fluoride, total Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



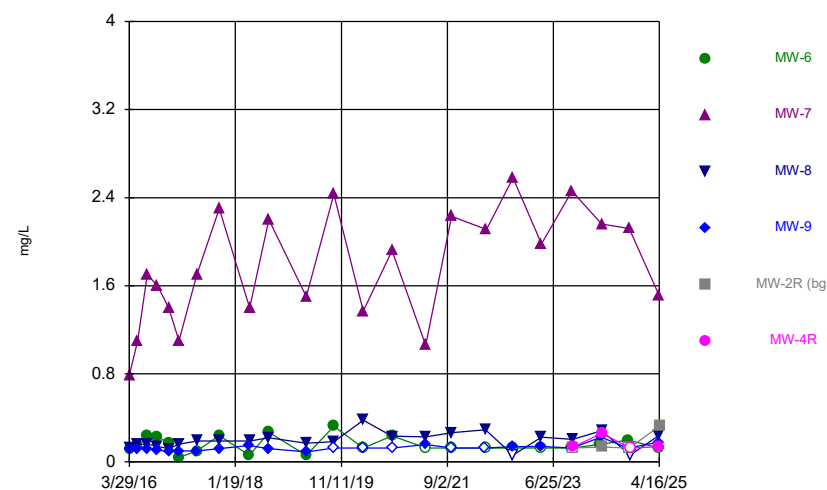
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



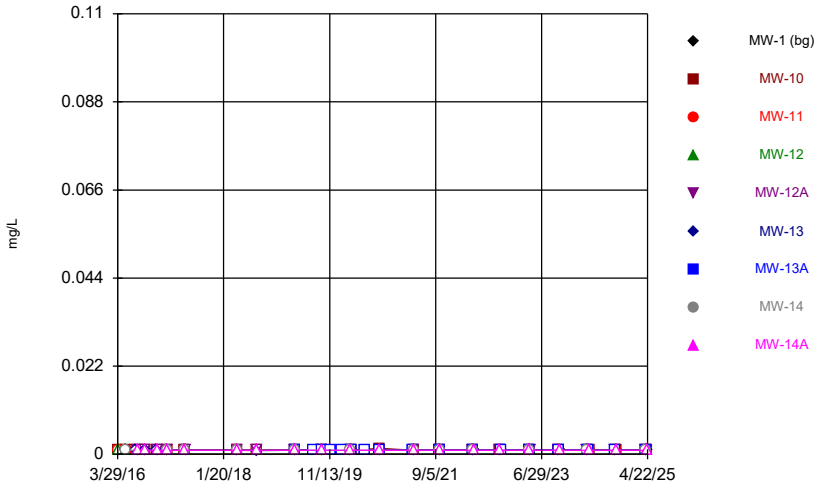
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



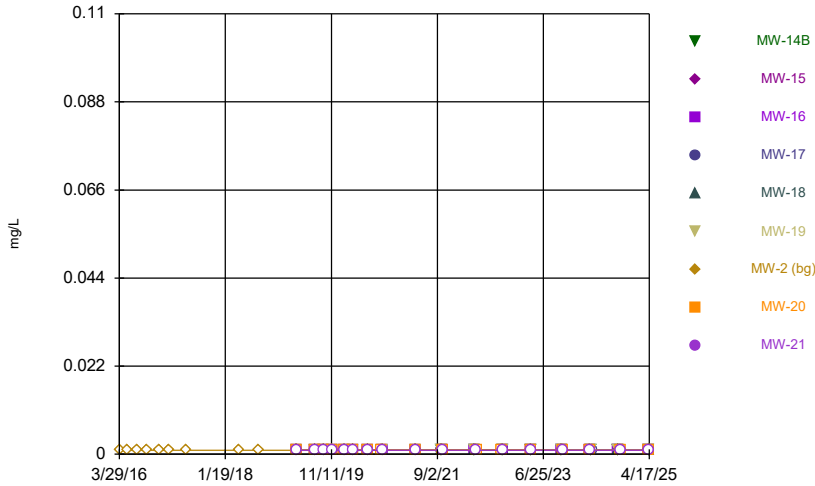
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



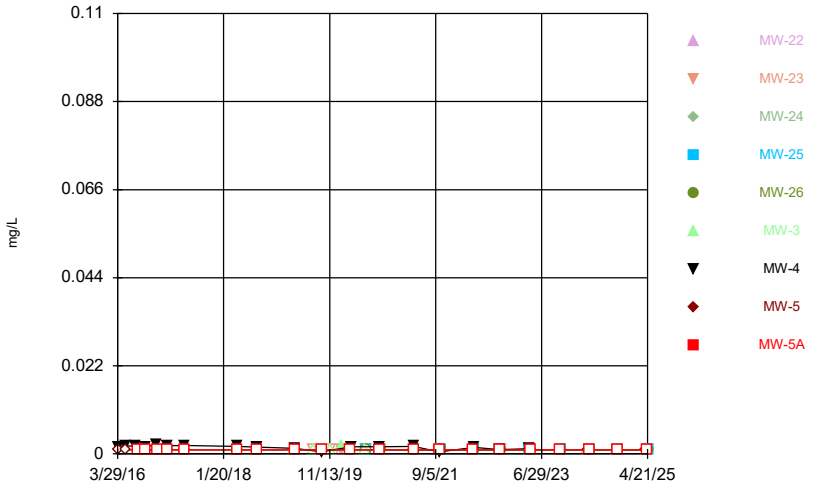
Constituent: Lead Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



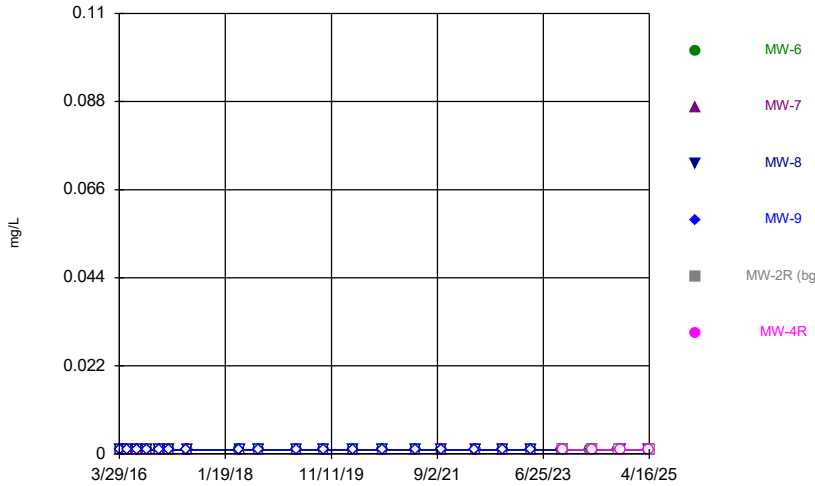
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



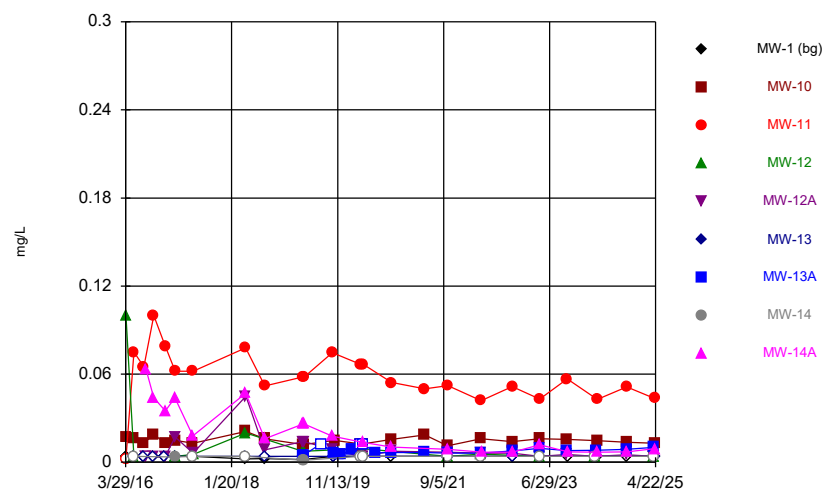
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series

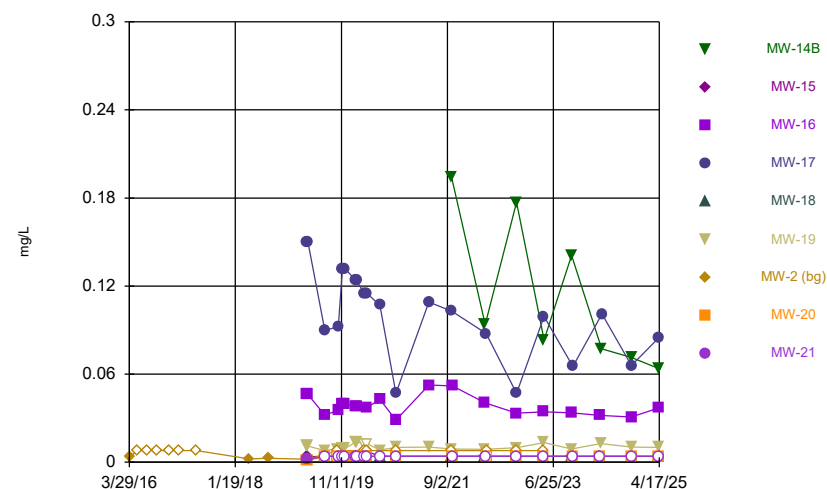


Constituent: Lead Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

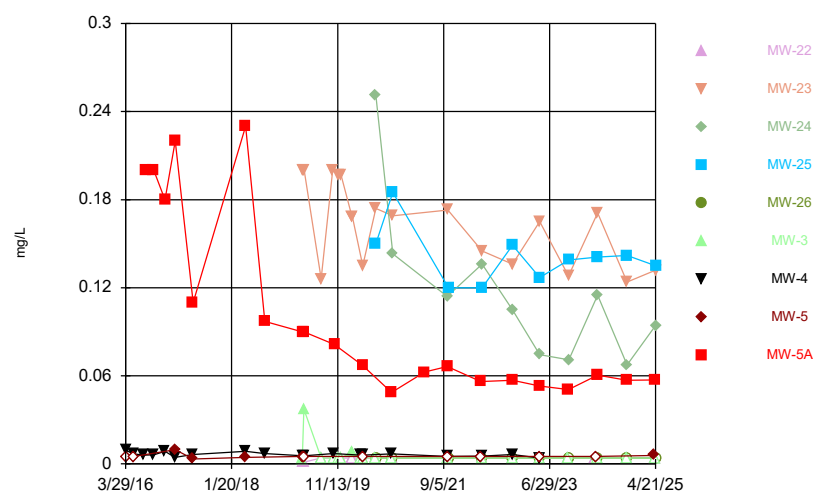
Time Series



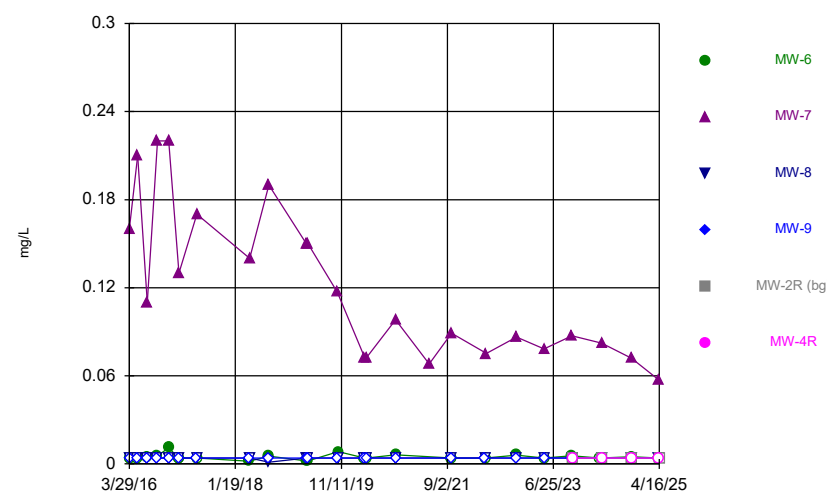
Time Series



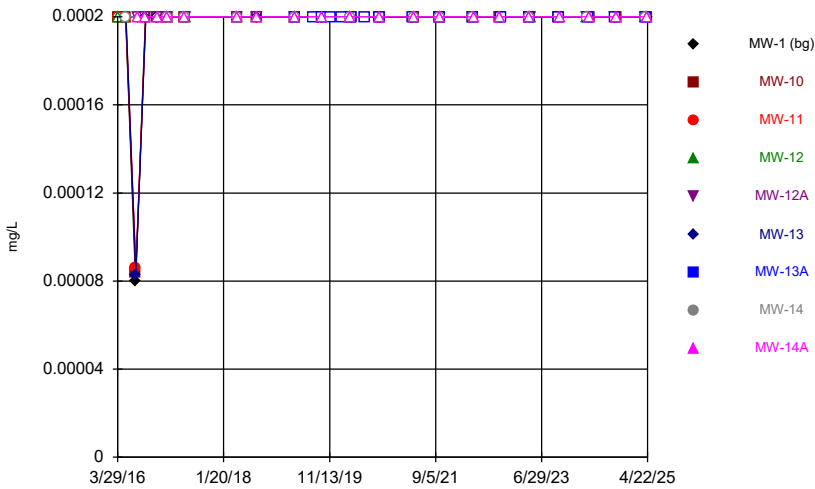
Time Series



Time Series

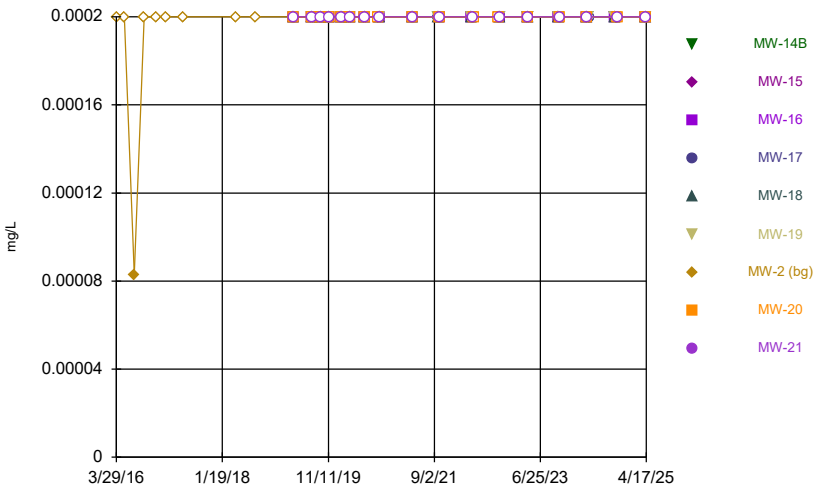


Time Series



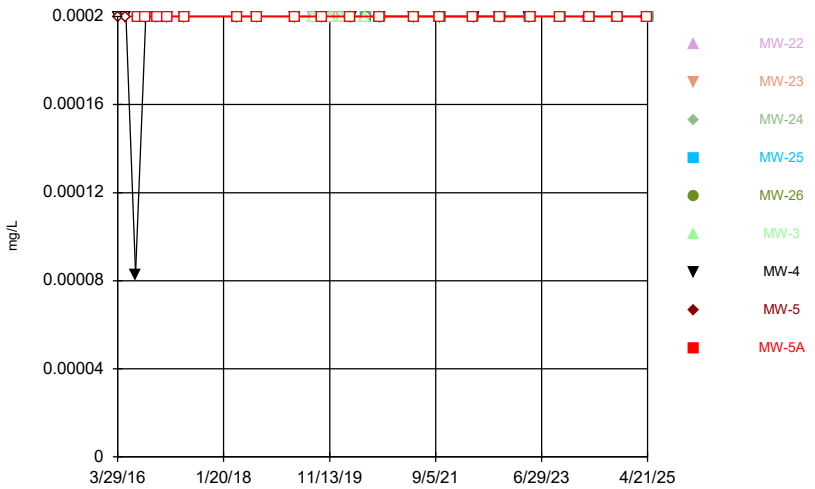
Constituent: Mercury Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



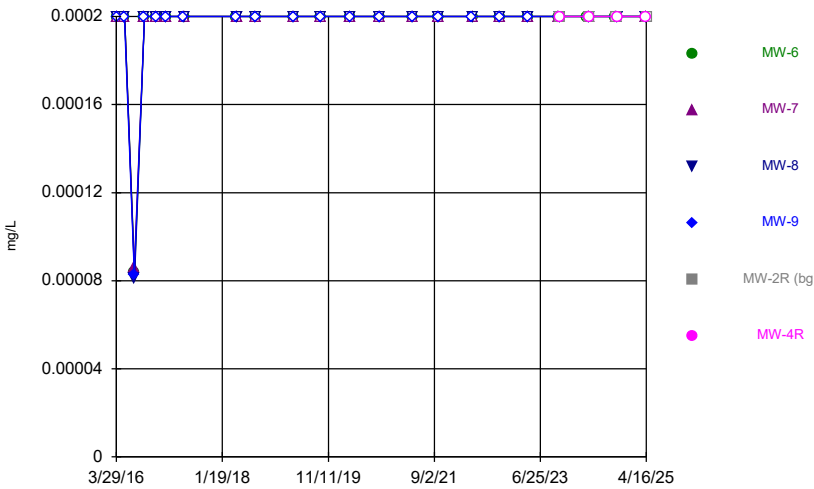
Constituent: Mercury Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



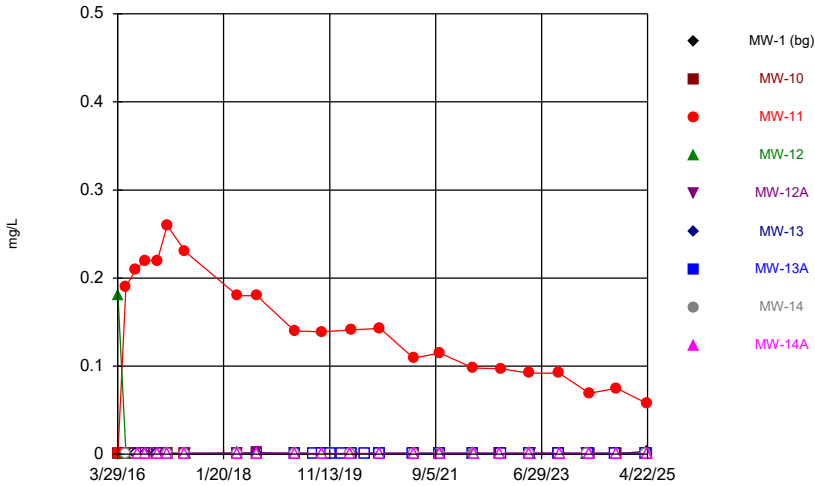
Constituent: Mercury Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



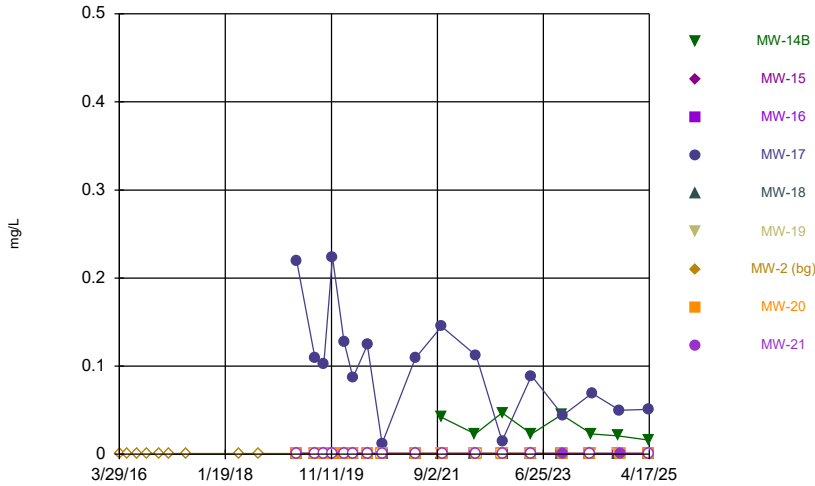
Constituent: Mercury Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



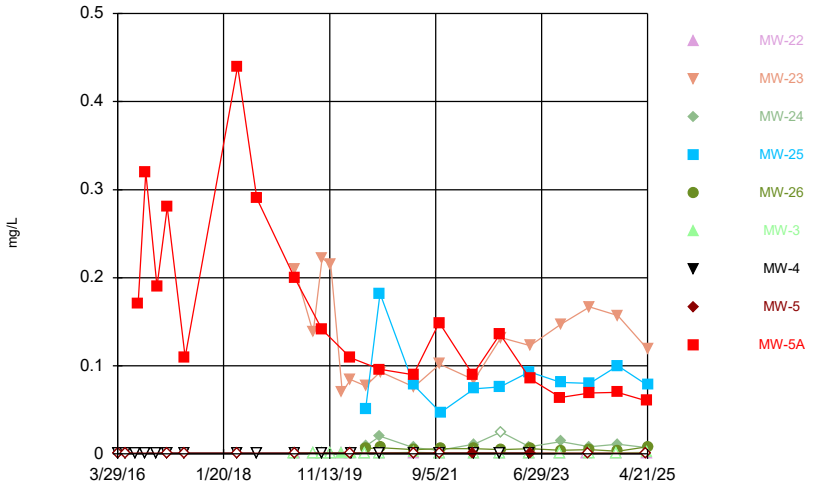
Constituent: Molybdenum Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



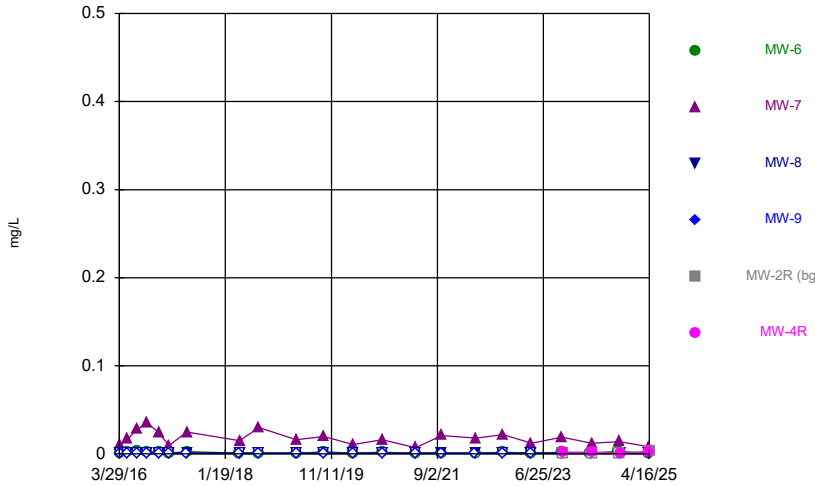
Constituent: Molybdenum Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



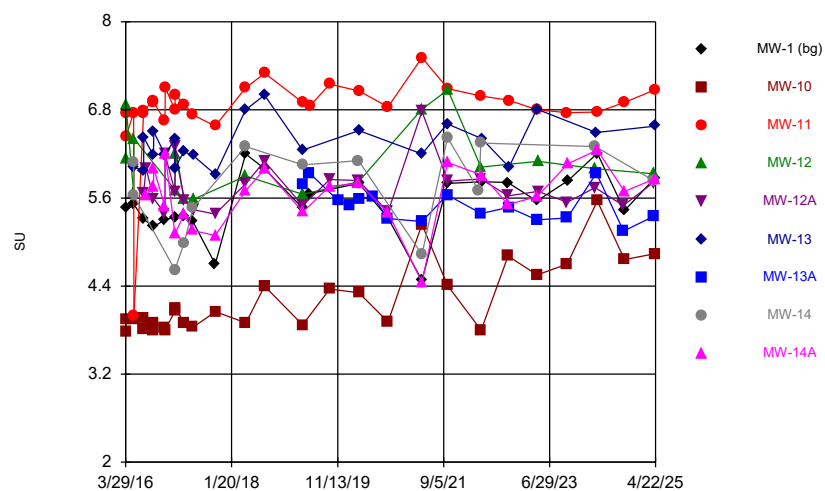
Constituent: Molybdenum Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series

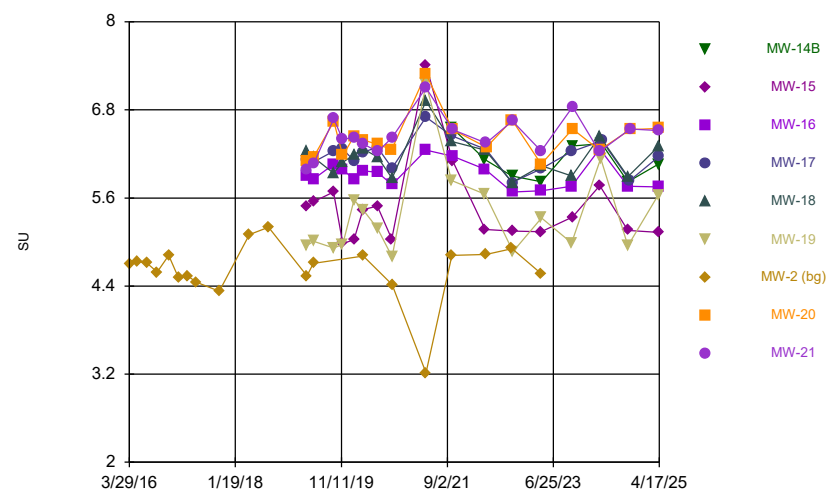


Constituent: Molybdenum Analysis Run 6/17/2025 9:07 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

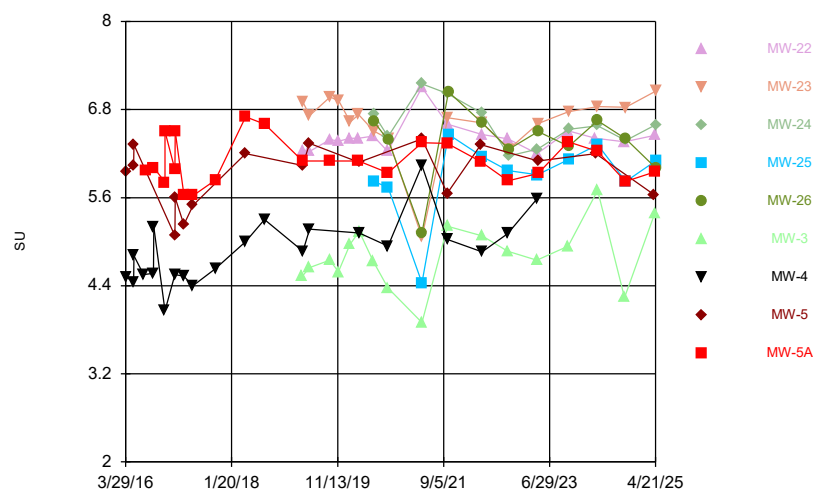
Time Series



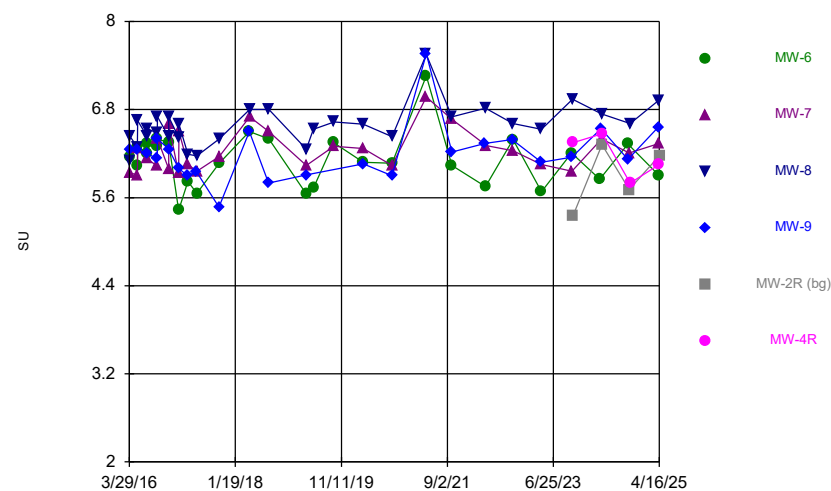
Time Series



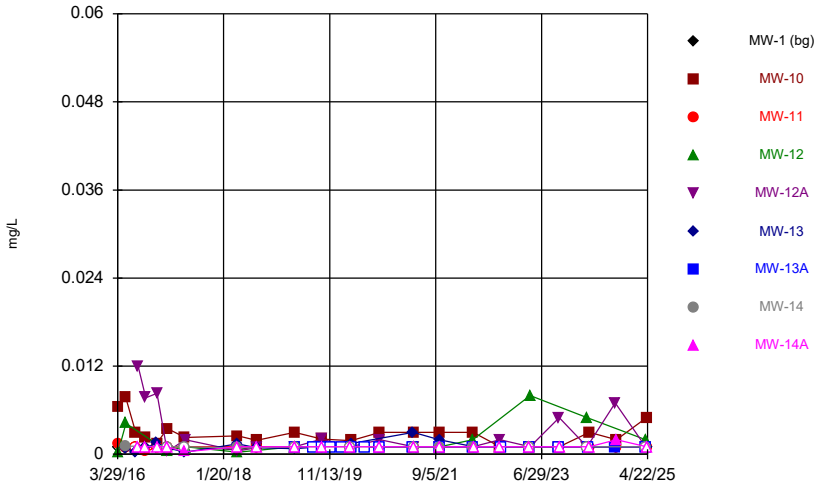
Time Series



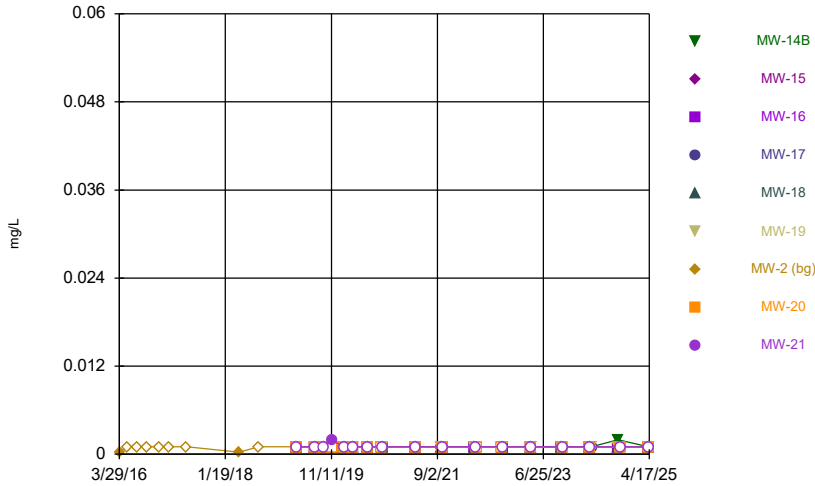
Time Series



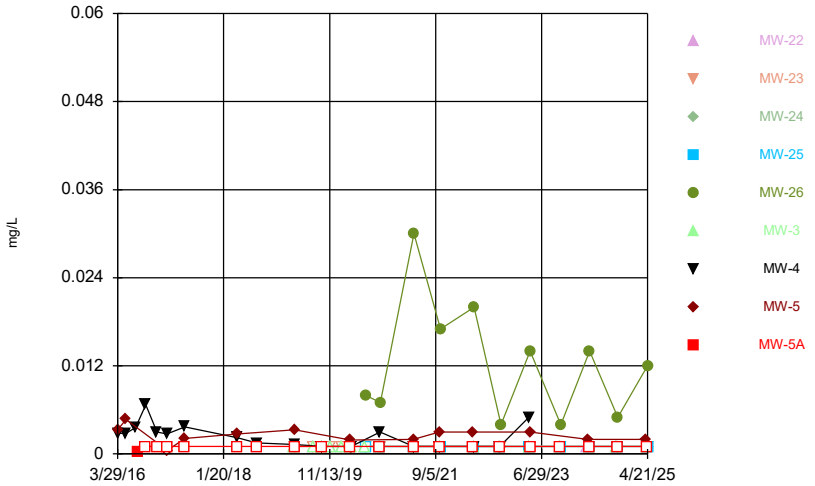
Time Series



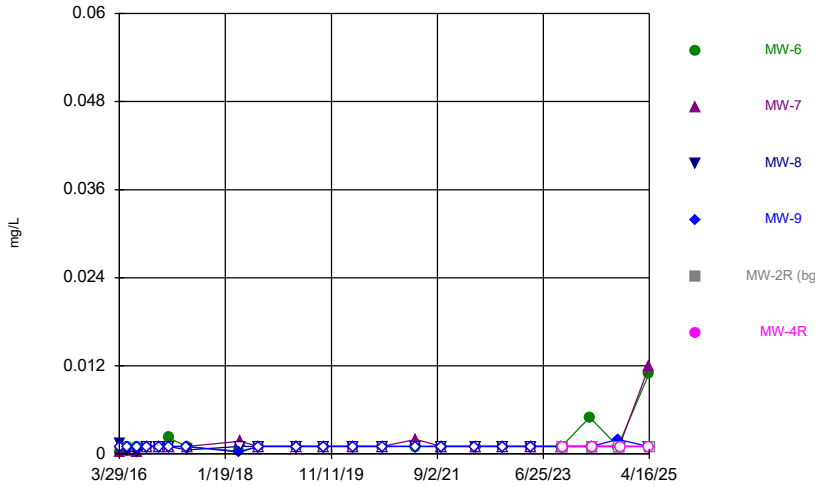
Time Series



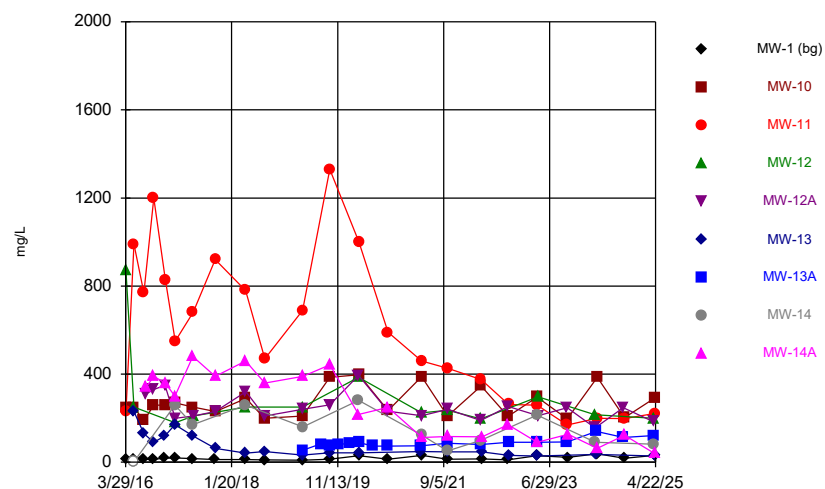
Time Series



Time Series

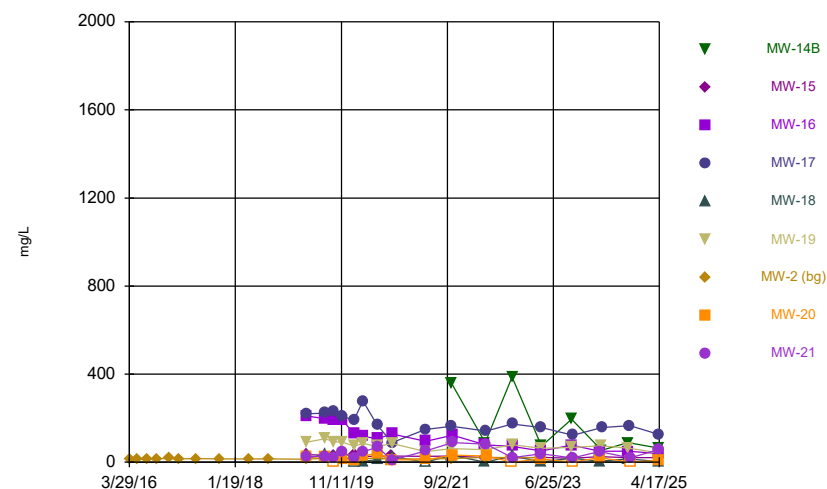


Time Series



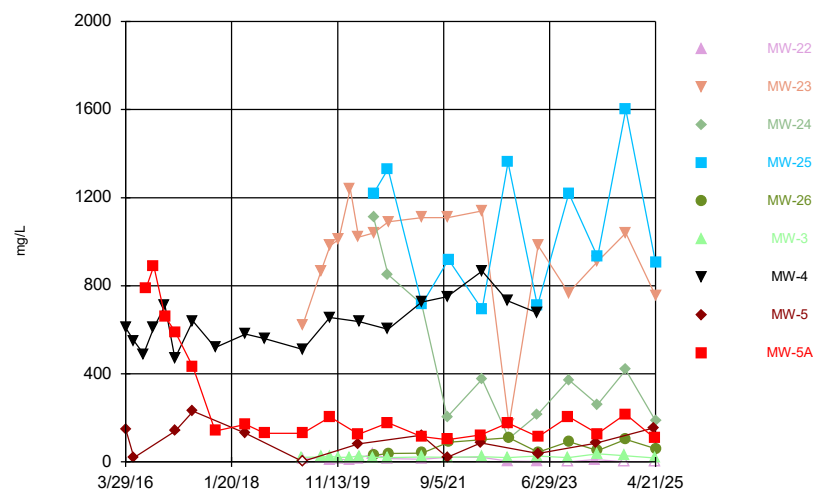
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



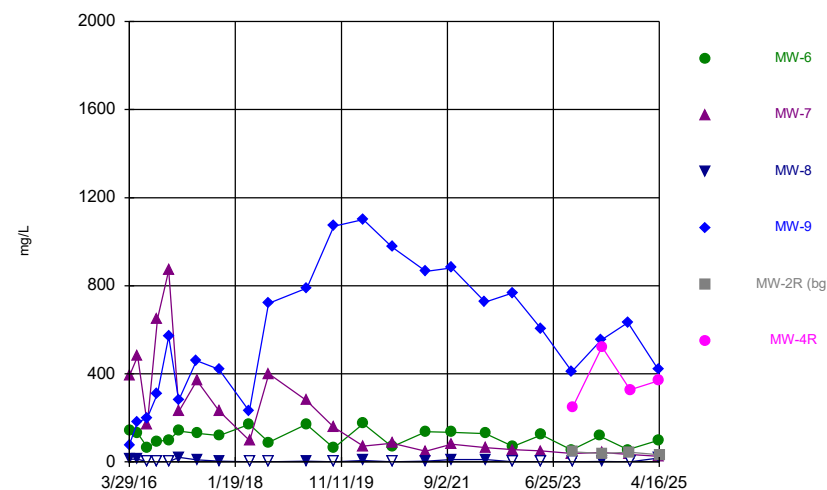
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



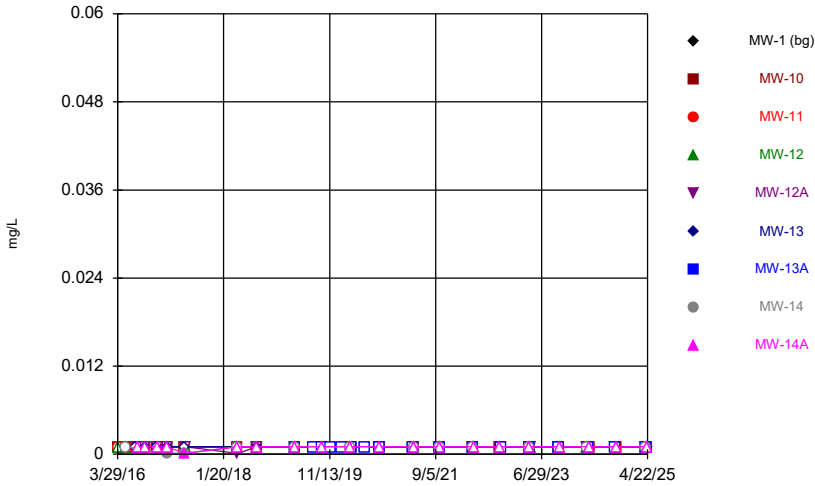
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



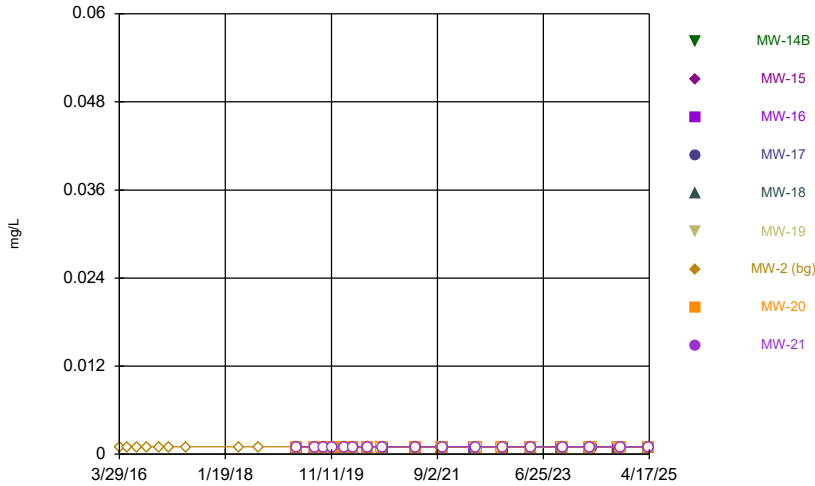
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



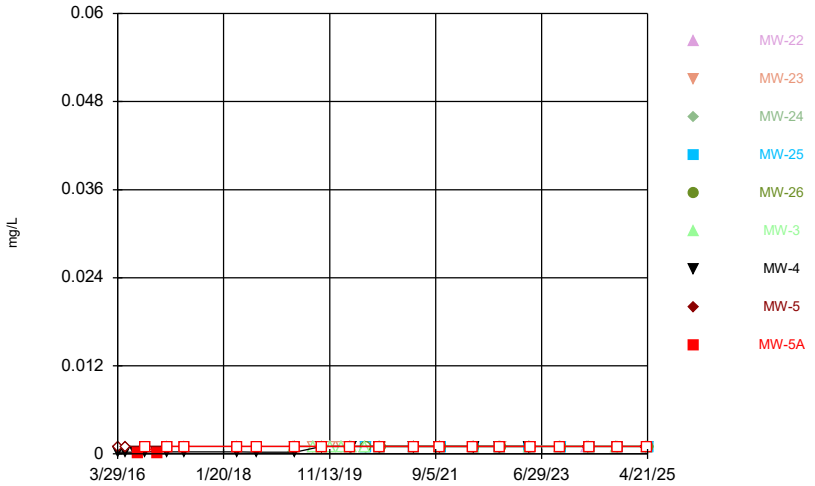
Constituent: Thallium Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



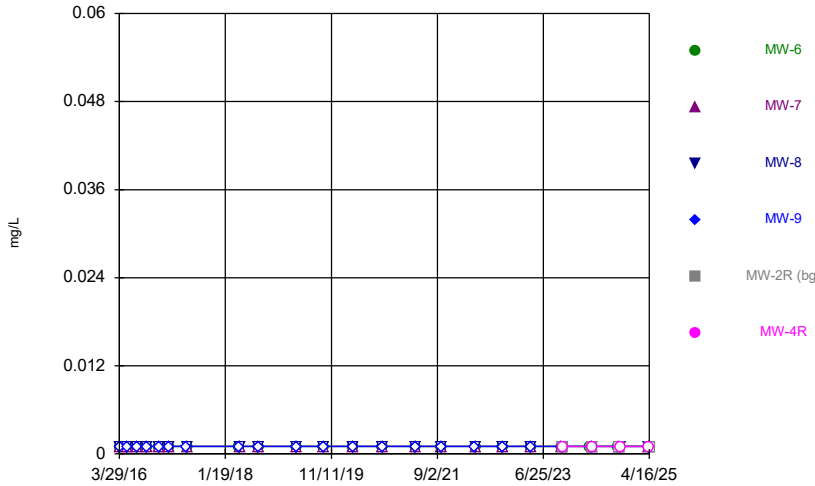
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



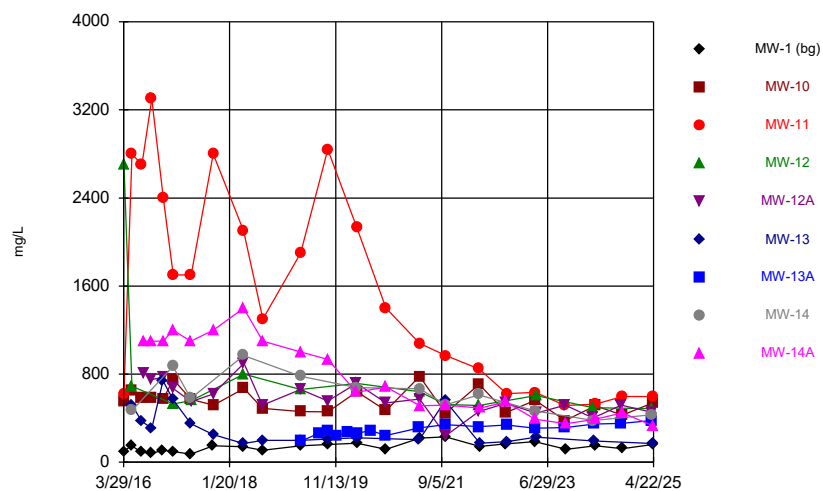
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



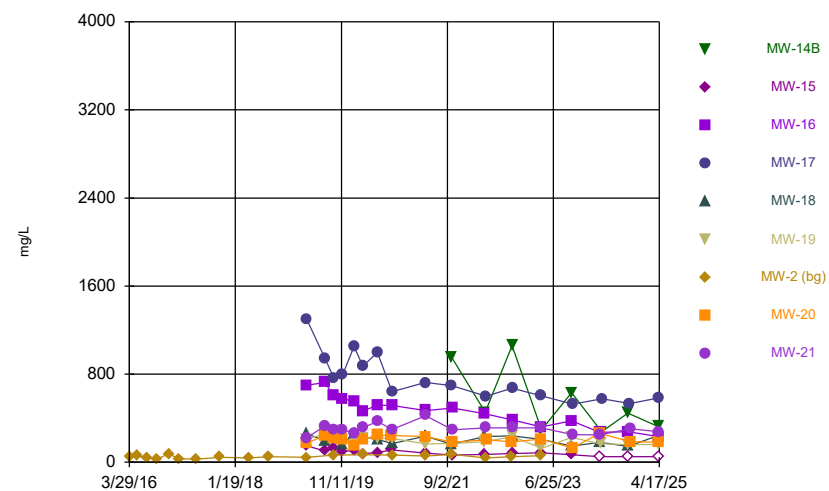
Constituent: Thallium Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



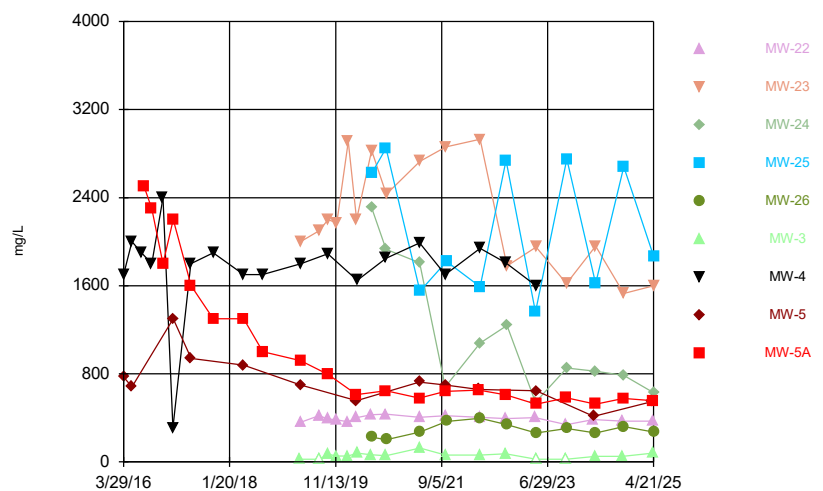
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



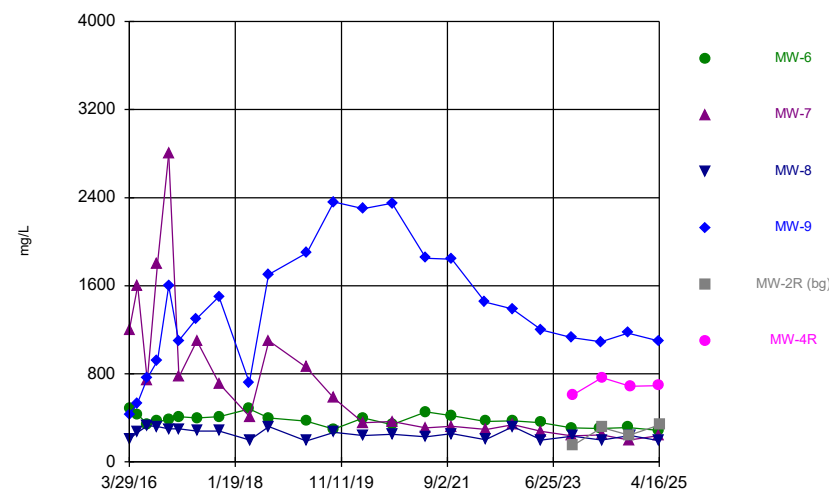
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:08 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		<0.001	<0.001	<0.001					
5/18/2016	<0.001	<0.001							
5/19/2016			<0.001	<0.001		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		<0.001	<0.001			<0.001			
8/4/2016					<0.001				<0.001
9/19/2016	<0.001								
9/20/2016		<0.001			<0.001				
9/21/2016			<0.001			<0.001			<0.001
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001			<0.001				
12/1/2016			<0.001						<0.001
1/30/2017						<0.001			
1/31/2017	<0.001							<0.001	<0.001
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	<0.001							<0.001	<0.001
5/24/2017		<0.001	<0.001						
5/25/2017				<0.001	<0.001				
4/17/2018	<0.001							<0.001	<0.001
4/18/2018			<0.001			<0.001			
4/19/2018		<0.001		<0.001	<0.001				
8/13/2018						<0.001			
8/14/2018	<0.001	<0.001			<0.001				
8/15/2018			<0.001						<0.001
4/9/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	<0.001		<0.001				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		<0.001	<0.001			<0.001	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	<0.001							
9/24/2020			<0.001		<0.001				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		<0.001	<0.001						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								<0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			<0.001	<0.001	<0.001				

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	<0.001				
4/26/2022								<0.001	
4/27/2022		<0.001	<0.001				<0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			<0.001				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		<0.001		
10/18/2023		<0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				<0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					<0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	<0.001						
4/10/2025				<0.001	<0.001		<0.001	<0.001	
4/15/2025	<0.001	<0.001							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	<0.001				<0.001
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		<0.001	<0.001						
3/25/2020				<0.001	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		<0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	<0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					0.0015				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	<0.001	<0.001	<0.001		<0.001	<0.001			
10/15/2024				<0.001					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	<0.001	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							<0.001	<0.001	
5/19/2016							<0.001	<0.001	
7/19/2016							<0.001		
8/4/2016									<0.001
9/20/2016							<0.001		<0.001
11/29/2016							<0.001		
11/30/2016									<0.001
1/31/2017							<0.001		
2/1/2017								<0.001	<0.001
5/23/2017							<0.001		
5/24/2017								<0.001	<0.001
4/18/2018							<0.001	<0.001	<0.001
8/14/2018							<0.001		
8/15/2018									<0.001
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								<0.001	<0.001
4/10/2019							<0.001		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						<0.001	<0.001		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					<0.001			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						<0.001	<0.001
3/26/2020						<0.001	<0.001		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	<0.001	<0.001	<0.001				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			<0.001		
9/24/2020		<0.001			<0.001				
4/19/2021								<0.001	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				<0.001		
4/22/2021		<0.001		<0.001	<0.001	<0.001			
9/28/2021			<0.001				<0.001	<0.001	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	<0.001				
4/26/2022								<0.001	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	<0.001		
5/4/2022		<0.001		<0.001	<0.001				
10/11/2022						<0.001	<0.001		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						<0.001	<0.001		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			<0.001			<0.001	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	<0.001				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			<0.001	<0.001	<0.001	<0.001			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	<0.001				
4/10/2025								<0.001	
4/15/2025	<0.001					0.0037			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	<0.001				

Time Series

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.001	<0.001		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	<0.001	<0.001	<0.001			
7/19/2016		<0.001		<0.001		
7/20/2016	<0.001		<0.001			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	<0.001			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	<0.001	<0.001	<0.001			
4/17/2018	<0.001			<0.001		
4/18/2018		<0.001	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					<0.001	
4/24/2024						<0.001
10/2/2024	<0.001			<0.001		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	0.00072 (J)								
3/30/2016		0.00054 (J)	<0.005	0.0027					
5/18/2016	<0.001	0.00063 (J)							
5/19/2016			0.003	<0.001		0.00074 (J)			
5/20/2016								0.2	
7/19/2016	0.0014								
7/20/2016		<0.01	0.0031			0.00074 (J)			
8/4/2016					0.00051 (J)				0.0015
9/19/2016	<0.001								
9/20/2016		<0.01			<0.001				
9/21/2016			0.0037			0.00067 (J)			0.00099 (J)
11/29/2016	<0.001					0.00088 (J)			
11/30/2016		<0.01			<0.001				
12/1/2016			0.0028						0.0036
1/30/2017						0.00088 (J)			
1/31/2017	0.0011 (J)							0.00078 (J)	0.00094 (J)
2/1/2017		<0.01		<0.001	<0.001				
2/2/2017			0.0035						
5/22/2017						0.00078 (J)			
5/23/2017	0.00083 (J)							0.0013	0.0012 (J)
5/24/2017		<0.01	0.0032						
5/25/2017				<0.001	<0.001				
4/17/2018	0.0019							0.017	0.0045
4/18/2018			0.0037			0.0028			
4/19/2018		0.00054 (J)		0.00053 (J)	0.00068 (J)				
8/13/2018						<0.001			
8/14/2018	0.00073 (J)	<0.01			<0.001				
8/15/2018			0.0029						0.004
4/9/2019		<0.01	0.0033	<0.001	<0.001	0.00082 (J)	0.0069		
4/10/2019	0.0014							0.017	0.0075
8/1/2019							0.0123		
9/23/2019						<0.001	0.0113		
9/24/2019	0.00139								
9/26/2019		<0.01	<0.005		<0.001				0.00416
11/18/2019							0.00988		
1/30/2020							0.0112		
3/23/2020									0.00593
3/24/2020				<0.001	<0.001			0.00726	
3/25/2020		<0.01	0.00301			0.00271	0.0132		
3/26/2020	0.00235								
6/23/2020							0.0134		
9/21/2020							0.0105		
9/23/2020	0.002	<0.01							
9/24/2020			0.0036		<0.001				0.0077
4/19/2021						0.0021	0.0092		
4/20/2021		<0.01	0.0028						
4/21/2021				<0.001	<0.001				
4/22/2021	0.0017							0.0132	0.0106
9/28/2021						0.0018	0.0103		
9/29/2021								0.0368	0.0117
9/30/2021	0.0023	<0.01							
10/1/2021			0.0033	<0.001	<0.001				

Time Series

Page 2

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	0.0597				
4/26/2022								0.0635	
4/27/2022		<0.01	0.0025				0.0092		
5/2/2022	0.0024					0.0017			
5/4/2022									0.0091
10/11/2022	0.0023								
10/12/2022									0.0054
10/13/2022		<0.01			<0.001				
10/17/2022			0.0025				0.0071		
10/18/2022						0.003			
4/10/2023						0.0098			
4/11/2023	0.0012						0.0081		
4/12/2023		<0.01	0.0028						
4/13/2023								0.014	0.0067
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		0.0081		
10/18/2023		<0.01	0.0022						
10/23/2023	0.0031								
10/24/2023									0.0066
4/9/2024				<0.001	<0.001				
4/11/2024								0.008	
4/17/2024						0.0064	0.0069		
4/22/2024		<0.01							0.0064
4/23/2024	<0.001		0.001						
10/2/2024					<0.001				
10/3/2024							0.0073		
10/9/2024									0.0051
10/10/2024	0.0052	<0.01	0.0038						
4/10/2025				<0.001	<0.001		0.006	0.005	
4/15/2025	<0.001	<0.01							<0.005
4/16/2025			<0.005						
4/22/2025						0.0037			

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							0.00055 (J)		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								0.051	0.0059
4/7/2019		0.0012 (J)			0.0063	<0.001			
4/8/2019			0.0046	0.016					
4/10/2019							<0.001		
7/31/2019		0.00227	0.00742	0.0307					
8/1/2019					<0.001	<0.001		0.0421	0.00729
9/24/2019		0.00156			<0.001		<0.001		
9/25/2019			0.00861			<0.001		0.033	0.00632
9/26/2019				0.0155					
11/19/2019			0.00501	0.0523	<0.001				0.00594
11/20/2019		<0.001				<0.001		0.036	
1/29/2020						<0.001		0.0359	0.00866
1/30/2020		<0.001	0.00315	0.0458	0.00691				
3/23/2020		<0.001	0.00379						
3/25/2020				0.0542	0.00443	<0.001		0.0377	0.00574
3/26/2020							<0.001		
6/22/2020		<0.001	0.0037						
6/23/2020				0.0426	0.0015	<0.001		0.0381	
6/24/2020									0.0051
9/21/2020		<0.001						0.0446	
9/22/2020			0.0071	0.0241	<0.001	<0.001			0.0071
9/23/2020							<0.001		
4/19/2021				0.0448	0.0067				
4/20/2021		<0.001	0.0025			<0.001		0.0289	
4/21/2021									0.0145
4/22/2021							<0.001		
9/28/2021				0.0634		<0.001			
9/29/2021	0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	0.0031					0.0294	0.0083
4/26/2022	<0.001	<0.001	0.0018		0.0031	<0.001			
5/2/2022							<0.001		
5/3/2022				0.0472					0.0134
5/4/2022								0.0282	
10/11/2022							<0.001	0.0244	
10/12/2022	0.0017	<0.001	0.0039	0.0214	<0.001				
10/13/2022									0.0055
10/18/2022						<0.001			
4/11/2023							<0.001	0.0259	0.0055
4/12/2023		<0.001	0.0014	0.0569	0.0109				
4/13/2023	0.001					<0.001			
10/17/2023		<0.001	0.0031			<0.001			
10/18/2023	0.0016								

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								0.0242	0.0041
10/26/2023				0.0177					
4/9/2024								0.0235	0.0039
4/11/2024		<0.001	0.0011		0.0111				
4/17/2024						<0.001			
4/22/2024	0.001								
4/24/2024				0.0492					
10/3/2024	0.0012	<0.001	0.0019		<0.001	<0.001			
10/15/2024				0.0369					
10/16/2024								0.0215	0.0026
4/10/2025						<0.001			
4/11/2025	<0.001	<0.001	0.0011		0.0069				
4/15/2025								0.0251	
4/17/2025				0.0426					<0.005

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.0054	0.012	
5/19/2016							0.0073	0.032	
7/19/2016							0.0049		
8/4/2016									0.0034
9/20/2016							0.0059		0.0016
11/29/2016							0.004		
11/30/2016									0.0026
1/31/2017							0.0064		
2/1/2017								<0.0013	0.0028
5/23/2017							0.0039		
5/24/2017								0.0082	0.0023
4/18/2018							0.0034	0.013	0.0036
8/14/2018							0.0048		
8/15/2018									0.00094 (J)
4/6/2019						<0.001			
4/7/2019	0.0027								
4/8/2019		0.042							
4/9/2019								0.022	0.0043
4/10/2019							0.0036		
7/31/2019	0.00391								
8/1/2019		0.111				<0.001			
9/24/2019						<0.001	<0.005		
9/26/2019	0.00422								0.00212
9/27/2019		0.193							
11/18/2019						<0.001			
11/19/2019	0.00577	0.241							
1/29/2020	0.00504					0.00102			
1/30/2020		0.348							
3/23/2020	0.00515	0.305						0.0242	0.00384
3/26/2020						<0.001	0.00612		
6/23/2020	0.0046					<0.001			
6/24/2020		0.244	0.0017	0.0023	<0.001				
9/21/2020	0.0051								
9/22/2020			0.0027			<0.001			0.0019
9/23/2020				<0.05			0.0017		
9/24/2020		0.189			<0.001				
4/19/2021								0.0205	0.0036
4/20/2021	0.0044								
4/21/2021			0.0013				<0.005		
4/22/2021		0.324		0.0217	<0.001	<0.001			
9/28/2021			0.0013				0.0034	0.0779	0.0044
9/29/2021						<0.001			
9/30/2021	0.006								
10/1/2021		0.254							
10/5/2021				0.0071	0.0012				
4/26/2022								0.0508	0.0036
5/2/2022	0.0057								
5/3/2022			0.0023			<0.001	<0.005		
5/4/2022		0.241		0.0122	0.0014				
10/11/2022						<0.001	0.0012		
10/12/2022									0.002
10/13/2022	0.004			<0.05					

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		0.117	<0.005		<0.001				
4/10/2023						<0.001	0.0212		
4/12/2023	0.0024								
4/13/2023			0.0033	0.0146					
4/18/2023		0.186			0.0011			0.0197	0.0037
10/23/2023						<0.001			
10/24/2023	0.0036								0.0023
10/25/2023		0.13							
10/26/2023			0.002	<0.05	<0.001				
4/9/2024	0.0029								
4/11/2024								0.0135	
4/23/2024			<0.005	0.01	<0.001	<0.001			0.0034
4/24/2024		0.197							
10/9/2024	0.0045					<0.001			
10/15/2024									0.0026
10/16/2024		0.148	0.0019	<0.05	<0.001				
4/10/2025								0.0075	
4/15/2025	<0.005					<0.001			
4/17/2025									<0.005
4/21/2025		0.169	<0.005	<0.05	<0.001				

Time Series

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.0095	<0.001		0.00094 (J)		
3/30/2016			0.0007 (J)			
5/18/2016				0.0012 (J)		
5/19/2016	0.017	<0.001	0.0041			
7/19/2016		<0.001		0.0013		
7/20/2016	0.022		0.05			
9/20/2016	0.023	0.00047 (J)	0.058	0.0031		
11/29/2016	0.027			0.0031		
11/30/2016		0.00085 (J)	0.06			
1/31/2017	0.0021			0.00095 (J)		
2/1/2017		<0.001	0.014			
5/22/2017				0.00084 (J)		
5/24/2017	0.0076	0.00098 (J)	0.0059			
4/17/2018	0.0021			0.00094 (J)		
4/18/2018		0.00065 (J)	0.0098			
8/14/2018				0.00071 (J)		
8/15/2018	0.019	<0.001	0.047			
4/7/2019	0.0012 (J)	<0.001	0.0016			
4/10/2019				0.00066 (J)		
9/24/2019				<0.001		
9/25/2019	0.0229	<0.001				
9/26/2019			0.0437			
3/26/2020	0.00156	<0.001	0.00815	0.00114		
9/23/2020	0.0205	<0.001	0.0396	0.0016		
4/20/2021		<0.001				
4/21/2021	<0.001		0.0157	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		0.0097	0.0015		
4/25/2022				<0.001		
4/27/2022	<0.001		0.0196			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	0.0217	0.001	0.0316			
4/11/2023				0.0011		
4/12/2023	<0.001	<0.001	0.0125			
10/17/2023	0.0204					
10/18/2023		<0.001				
10/19/2023				0.0035		
10/23/2023			0.036			
10/25/2023					0.0085	0.004
4/9/2024	<0.001					
4/17/2024				0.0035		
4/22/2024		<0.001	0.0162			
4/23/2024					0.009	
4/24/2024						0.002
10/2/2024	0.0206			0.0043		
10/9/2024		0.001				
10/10/2024					0.0167	
10/15/2024			0.0346			0.004
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	0.0111			0.003
4/16/2025					0.0287	

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	0.11								
3/30/2016		0.03	0.039	0.021					
5/18/2016	0.11	0.024							
5/19/2016			0.02	0.03		0.11			
5/20/2016								0.29	
7/19/2016	0.096								
7/20/2016		0.038	0.022			0.057			
8/4/2016					0.033				0.049
9/19/2016	0.1								
9/20/2016		0.033			0.025				
9/21/2016			0.026			0.059			0.035
11/29/2016	0.093					0.091			
11/30/2016		0.028			0.026				
12/1/2016			0.022						0.06
1/30/2017						0.12			
1/31/2017	0.091							0.21	0.037
2/1/2017		0.039		0.048	0.076				
2/2/2017			0.024						
5/22/2017						0.08			
5/23/2017	0.11							0.12	0.046
5/24/2017		0.041	0.025						
5/25/2017				0.033	0.037				
4/17/2018	0.12							0.23	0.05
4/18/2018			0.024			0.067			
4/19/2018		0.034		0.037	0.055				
8/13/2018						0.08			
8/14/2018	0.12	0.03			0.028				
8/15/2018			0.029						0.056
4/9/2019		0.034	0.03	0.027	0.028	0.068	0.12		
4/10/2019	0.12							0.19	0.072
8/1/2019							0.158		
9/23/2019						0.075	0.171		
9/24/2019	0.135								
9/26/2019		0.0289	0.0494		0.0283				0.0527
11/18/2019							0.176		
1/30/2020							0.183		
3/23/2020									0.0702
3/24/2020				0.0322	0.0366			0.169	
3/25/2020		0.0289	0.0347			0.0975	0.2		
3/26/2020	0.128								
6/23/2020							0.187		
9/21/2020							0.191		
9/23/2020	0.139	0.032							
9/24/2020			0.031		0.033				0.064
4/19/2021						0.092	0.183		
4/20/2021		0.026	0.025						
4/21/2021				0.035	0.037				
4/22/2021	0.14							0.238	0.055
9/28/2021						0.111	0.169		
9/29/2021								0.292	0.085
9/30/2021	0.135	0.024							
10/1/2021			0.028	0.026	0.027				

Time Series

Page 2

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				0.029	0.274				
4/26/2022								0.282	
4/27/2022		0.023	0.027				0.182		
5/2/2022	0.146					0.095			
5/4/2022									0.075
10/11/2022	0.138								
10/12/2022									0.061
10/13/2022		0.03			0.036				
10/17/2022			0.038				0.165		
10/18/2022						0.085			
4/10/2023						0.096			
4/11/2023	0.117						0.151		
4/12/2023		0.03	0.036						
4/13/2023								0.111	0.055
4/18/2023				0.035	0.028				
10/17/2023					0.03		0.172		
10/18/2023		0.035	0.045						
10/23/2023	0.131								
10/24/2023									0.076
4/9/2024				0.03	0.028				
4/11/2024								0.137	
4/17/2024						0.096	0.147		
4/22/2024		0.036							0.079
4/23/2024	0.124		0.046						
10/2/2024					0.029				
10/3/2024							0.157		
10/9/2024									0.089
10/10/2024	0.123	0.031	0.056						
4/10/2025				0.03	0.033		0.126	0.118	
4/15/2025	0.105	0.036							0.093
4/16/2025			0.056						
4/22/2025						0.1			

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.07		
5/18/2016							0.075		
7/19/2016							0.067		
9/19/2016							0.067		
11/29/2016							0.07		
1/31/2017							0.075		
5/23/2017							0.078		
4/17/2018							0.07 (F1)		
8/14/2018							0.067		
4/6/2019								0.15	0.096
4/7/2019		0.093			0.29	0.095			
4/8/2019			0.29	0.26					
4/10/2019							0.064		
7/31/2019		0.0704	0.268	0.217					
8/1/2019					0.156	0.0751		0.135	0.119
9/24/2019		0.0681			0.148		0.067		
9/25/2019			0.233			0.0641		0.12	0.113
9/26/2019				0.0988					
11/19/2019			0.169	0.0967	0.139				0.114
11/20/2019		0.0738				0.047		0.13	
1/29/2020						0.0517		0.131	0.12
1/30/2020		0.0745	0.126	0.0728	0.284				
3/23/2020		0.0579	0.129						
3/25/2020				0.0716	0.271	0.0637		0.14	0.111
3/26/2020							0.0685		
6/22/2020		0.057	0.147						
6/23/2020				0.096	0.191	0.064		0.166	
6/24/2020									0.105
9/21/2020		0.062						0.139	
9/22/2020			0.232	0.152	0.128	0.059			0.111
9/23/2020							0.068		
4/19/2021				0.057	0.273				
4/20/2021		0.066	0.136			0.05		0.133	
4/21/2021									0.13
4/22/2021							0.071		
9/28/2021				0.061		0.063			
9/29/2021	0.172				0.115				
9/30/2021							0.07		
10/4/2021		0.059	0.158					0.12	0.08
4/26/2022	0.089	0.061	0.13		0.228	0.066			
5/2/2022							0.07		
5/3/2022				0.058					0.109
5/4/2022								0.13	
10/11/2022							0.071	0.085	
10/12/2022	0.179	0.048	0.156	0.158	0.14				
10/13/2022									0.11
10/18/2022						0.072			
4/11/2023							0.064	0.122	0.09
4/12/2023		0.048	0.092	0.054	0.186				
4/13/2023	0.069					0.052			
10/17/2023		0.045	0.175			0.074			
10/18/2023	0.152								

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					0.141				
10/24/2023								0.102	0.095
10/26/2023				0.075					
4/9/2024								0.118	0.079
4/11/2024		0.045	0.074		0.187				
4/17/2024						0.056			
4/22/2024	0.081								
4/24/2024				0.058					
10/3/2024	0.125	0.048	0.113		0.121	0.056			
10/15/2024				0.08					
10/16/2024								0.121	0.091
4/10/2025						0.043			
4/11/2025	0.136	0.055	0.092		0.197				
4/15/2025								0.123	
4/17/2025				0.062					0.094

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.03	0.23	
5/19/2016							0.032	0.33	
7/19/2016							0.031		
8/4/2016									0.035
9/20/2016							0.041		0.028
11/29/2016							0.031		
11/30/2016									0.024
1/31/2017							0.05		
2/1/2017								0.075	0.029
5/23/2017							0.041		
5/24/2017								0.22	0.04
4/18/2018							0.04	0.26	0.098
8/14/2018							0.057		
8/15/2018									0.073
4/6/2019						0.13			
4/7/2019	0.2								
4/8/2019		0.12							
4/9/2019								0.36	0.078
4/10/2019							0.044		
7/31/2019	0.138								
8/1/2019		0.0616				0.122			
9/24/2019						0.121	0.0444		
9/26/2019	0.137								0.111
9/27/2019		0.0529							
11/18/2019						0.12			
11/19/2019	0.147	0.0541							
1/29/2020	0.177					0.0975			
1/30/2020		0.0754							
3/23/2020	0.158	0.0593						0.216	0.101
3/26/2020						0.0985	0.0351		
6/23/2020	0.132					0.125			
6/24/2020		0.066	0.061	0.049	0.095				
9/21/2020	0.136								
9/22/2020			0.071			0.131			0.089
9/23/2020				0.043			0.039		
9/24/2020		0.055			0.086				
4/19/2021								0.215	0.096
4/20/2021	0.156								
4/21/2021			0.124				0.025		
4/22/2021		0.071		0.056	0.132	0.091			
9/28/2021			0.056				0.036	0.444	0.099
9/29/2021						0.112			
9/30/2021	0.143								
10/1/2021		0.057							
10/5/2021				0.046	0.149				
4/26/2022								0.309	0.096
5/2/2022	0.15								
5/3/2022			0.14			0.097	0.034		
5/4/2022		0.071		0.044	0.131				
10/11/2022						0.115	0.027		
10/12/2022									0.085
10/13/2022	0.139			0.054					

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		0.041	0.162		0.116				
4/10/2023						0.092	0.05		
4/12/2023	0.139								
4/13/2023			0.121	0.036					
4/18/2023		0.042			0.096			0.172	0.078
10/23/2023						0.089			
10/24/2023	0.137								0.09
10/25/2023		0.034							
10/26/2023			0.128	0.049	0.115				
4/9/2024	0.123								
4/11/2024								0.15	
4/23/2024			0.149	0.038	0.104	0.106			0.084
4/24/2024		0.04							
10/9/2024	0.135					0.112			
10/15/2024									0.081
10/16/2024		0.03	0.152	0.048	0.101				
4/10/2025								0.147	
4/15/2025	0.15					0.078			
4/17/2025									0.077
4/21/2025		0.035	0.164	0.044	0.107				

Time Series

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.25	0.052		0.1		
3/30/2016			0.066			
5/18/2016				0.16		
5/19/2016	0.13	0.043	0.07			
7/19/2016		0.041		0.14		
7/20/2016	0.1		0.1			
9/20/2016	0.12	0.057	0.1	0.14		
11/29/2016	0.13			0.17		
11/30/2016		0.05	0.11			
1/31/2017	0.075			0.096		
2/1/2017		0.09	0.085			
5/22/2017				0.14		
5/24/2017	0.087	0.037	0.077			
4/17/2018	0.046			0.094		
4/18/2018		0.093	0.063			
8/14/2018				0.14		
8/15/2018	0.078	0.081	0.1			
4/7/2019	0.043	0.089	0.055			
4/10/2019				0.071		
9/24/2019				0.0881		
9/25/2019	0.0962	0.0748				
9/26/2019			0.0856			
3/26/2020	0.0536	0.0917	0.0703	0.0712		
9/23/2020	0.092	0.093	0.093	0.081		
4/20/2021		0.093				
4/21/2021	0.048		0.095	0.081		
9/29/2021		0.08				
9/30/2021	0.054		0.089	0.063		
4/25/2022				0.066		
4/27/2022	0.041		0.125			
5/3/2022		0.087				
10/11/2022				0.055		
10/17/2022	0.099	0.074	0.109			
4/11/2023				0.049		
4/12/2023	0.045	0.084	0.072			
10/17/2023	0.092					
10/18/2023		0.085				
10/19/2023				0.136		
10/23/2023			0.098			
10/25/2023					0.075	0.13
4/9/2024	0.038					
4/17/2024				0.059		
4/22/2024		0.119	0.077			
4/23/2024					0.143	
4/24/2024						0.106
10/2/2024	0.106			0.052		
10/9/2024		0.085				
10/10/2024					0.101	
10/15/2024			0.094			0.083
4/10/2025				0.071		
4/15/2025	0.045	0.113	0.076			0.084
4/16/2025					0.112	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		0.0016 (J)	<0.001	<0.001					
5/18/2016	<0.001	0.0017 (J)							
5/19/2016			<0.001	<0.001		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		0.0016 (J)	<0.001			<0.001			
8/4/2016					<0.001				<0.001
9/19/2016	<0.001								
9/20/2016		0.0018 (J)			<0.001				
9/21/2016			<0.001			<0.001			<0.001
11/29/2016	<0.001					<0.001			
11/30/2016		0.0012 (J)			<0.001				
12/1/2016			<0.001						<0.001
1/30/2017						<0.001			
1/31/2017	<0.001							0.00075 (J)	<0.001
2/1/2017		0.0019 (J)		<0.001	<0.001				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	<0.001							<0.001	<0.001
5/24/2017		0.0021 (J)	<0.001						
5/25/2017				<0.001	<0.001				
4/17/2018	<0.001							<0.001	<0.001
4/18/2018			<0.001			<0.001			
4/19/2018		0.0016 (J)		<0.001	<0.001				
8/13/2018						<0.001			
8/14/2018	<0.001	0.00068 (J)			<0.001				
8/15/2018			<0.001						<0.001
4/9/2019		0.00082 (J)	<0.001	<0.001	<0.001	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	<0.001		<0.001				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		0.00107	<0.001			<0.001	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	<0.001							
9/24/2020			<0.001		<0.001				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		0.0015	<0.001						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								<0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			<0.001	<0.001	<0.001				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	<0.001				
4/26/2022								<0.001	
4/27/2022		<0.001	<0.001				<0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			<0.001				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		<0.001		
10/18/2023		<0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				<0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					<0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	<0.001						
4/10/2025				<0.001	<0.001		<0.001	<0.001	
4/15/2025	<0.001	<0.001							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							6.8E-05 (J)		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							0.00037 (J)		
5/23/2017							<0.001		
4/17/2018							0.00035 (J)		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	<0.001				<0.001
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		<0.001	<0.001						
3/25/2020				<0.001	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		<0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	<0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	<0.001	<0.001	<0.001		<0.001	<0.001			
10/15/2024				<0.001					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	<0.001	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.0053	<0.001	
5/19/2016							0.0055	<0.001	
7/19/2016							0.0044		
8/4/2016									<0.001
9/20/2016							0.0056		<0.001
11/29/2016							0.007		
11/30/2016									<0.001
1/31/2017							0.0066		
2/1/2017								<0.001	<0.001
5/23/2017							0.0056		
5/24/2017								<0.001	<0.001
4/18/2018							0.0057	<0.001	<0.001
8/14/2018							0.0053		
8/15/2018									<0.001
4/6/2019						0.00057 (J)			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								<0.001	<0.001
4/10/2019							0.0046		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						<0.001	0.00555		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					<0.001			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						<0.001	<0.001
3/26/2020						<0.001	0.00528		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	<0.001	<0.001	<0.001				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			0.0053		
9/24/2020		<0.001			<0.001				
4/19/2021								<0.001	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				0.0044		
4/22/2021		<0.001		<0.001	<0.001	<0.001			
9/28/2021			<0.001				0.0044	<0.001	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	<0.001				
4/26/2022								<0.001	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	0.0046		
5/4/2022		<0.001		<0.001	<0.001				
10/11/2022						<0.001	0.0054		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						<0.001	0.0033		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			<0.001			<0.001	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	<0.001				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			<0.001	<0.001	<0.001	<0.001			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	<0.001				
4/10/2025								<0.001	
4/15/2025	<0.001					<0.001			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	<0.001				

Time Series

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.001	<0.001		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	<0.001	<0.001	<0.001			
7/19/2016		<0.001		<0.001		
7/20/2016	<0.001		<0.001			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	<0.001			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	<0.001	<0.001	<0.001			
4/17/2018	<0.001			<0.001		
4/18/2018		<0.001	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					<0.001	
4/24/2024						<0.001
10/2/2024	<0.001			<0.001		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.05								
3/30/2016		0.35	0.95	12					
5/18/2016	<0.05	0.41							
5/19/2016			14	1.2		1.4			
5/20/2016								0.32	
7/19/2016	0.024 (J)								
7/20/2016		0.34	12			0.97			
8/4/2016					0.75				4.4
9/19/2016	<0.05								
9/20/2016		0.26			0.75				
9/21/2016			11			0.79			5
11/29/2016	<0.05					1.4			
11/30/2016		0.39			0.97				
12/1/2016			13						6
1/30/2017						0.8			
1/31/2017	<0.05							3.4	4.5
2/1/2017		0.69		0.77	1.3				
2/2/2017			7.8						
5/22/2017						1.1			
5/23/2017	<0.05							1.4	4.2
5/24/2017		0.48	5.7						
5/25/2017				0.88	0.68				
10/9/2017	<0.05								
10/10/2017			7.8		0.83	0.55			3.6
10/11/2017		0.4							
4/17/2018	<0.05							1.7	3.9
4/18/2018			8			0.31			
4/19/2018		0.57		1.3	2.4				
8/13/2018						0.46			
8/14/2018	<0.05	0.36			0.78				
8/15/2018			6.3						2.3
4/9/2019		0.53	8.6	1.3	1.3	0.36	0.022 (J)		
4/10/2019	<0.05							0.77	2.9
8/1/2019							0.0128		
9/23/2019						0.58	0.0187		
9/24/2019	0.0163								
9/26/2019		0.388	13.4		0.672				2.4
11/18/2019							0.0145		
1/30/2020							0.0133		
3/23/2020									1.54
3/24/2020				0.698	0.65			0.92	
3/25/2020		0.539	12.8			0.237	0.0245		
3/26/2020	0.0169								
6/23/2020							0.023		
9/21/2020							0.013		
9/23/2020	0.013	0.413							
9/24/2020			9.11		0.657				1.51
4/19/2021						0.289	0.023		
4/20/2021		0.81	7.52						
4/21/2021				0.46	0.434				
4/22/2021	0.017							0.7	1.1
9/28/2021						0.346	0.03		

Time Series

Page 2

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/29/2021								0.352	1.19
9/30/2021	0.023	0.531							
10/1/2021			7.19	0.566	0.555				
4/25/2022				0.343	0.526				
4/26/2022								0.544	
4/27/2022		0.646	5.92				0.028		
5/2/2022	0.015					1			
5/4/2022									1.1
10/11/2022	0.022								1.26
10/12/2022									
10/13/2022		0.392			0.588				
10/17/2022			4.38				0.032		
10/18/2022						0.682			
4/10/2023						0.204			
4/11/2023	0.019						0.068		
4/12/2023		0.537	1.05						
4/13/2023								1.12	0.851
4/18/2023				0.572	0.414				
10/17/2023					0.57		0.123		
10/18/2023		0.355	3.31						
10/23/2023	0.018								
10/24/2023									0.953
4/9/2024				0.601	0.249				
4/11/2024								0.656	
4/17/2024						0.179	0.195		
4/22/2024		0.602							0.67
4/23/2024	0.022		3.3						
10/2/2024					0.625				
10/3/2024							0.25		
10/9/2024									0.884
10/10/2024	0.018	0.412	3.52						
4/10/2025				0.452	0.12		0.302	0.705	
4/15/2025	0.021	0.581							0.52
4/16/2025			3.28						
4/22/2025						0.269			

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.022 (J)		
5/18/2016							<0.05		
7/19/2016							<0.05		
9/19/2016							<0.05		
11/29/2016							<0.05		
1/31/2017							<0.05		
5/23/2017							<0.05		
10/10/2017							<0.05		
4/17/2018							<0.05		
8/14/2018							<0.05		
4/6/2019								0.089	0.14
4/7/2019		0.052			0.17	0.38			
4/8/2019			2.5	5.6					
4/10/2019							<0.05		
7/31/2019		0.0517	2.18	4.38					
8/1/2019					0.132	0.295		0.0535	0.216
9/24/2019		0.0518			0.145		0.0168		
9/25/2019			1.89			0.328		0.0659	0.305
9/26/2019				4					
11/19/2019			2.67	5.12	0.134				0.268
11/20/2019		0.0447				0.309		0.0625	
1/29/2020						0.241		0.0556	0.291
1/30/2020		0.0294	1.53	4.73	0.0726				
3/23/2020		0.0349	1.02						
3/25/2020				9.05	0.0784	0.261		0.0554	0.201
3/26/2020							0.0183		
6/22/2020		0.039	1.48						
6/23/2020				4.75	0.109	0.239		0.06	
6/24/2020									0.265
9/21/2020		0.033						0.067	
9/22/2020			1.36	3.09	0.168	0.33			0.251
9/23/2020							0.012		
4/19/2021				3.48	0.07				
4/20/2021		0.032	1.19			0.172		0.061	
4/21/2021									0.349
4/22/2021							0.017		
9/28/2021				2.93		0.207			
9/29/2021	2.6				0.108				
9/30/2021							0.019		
10/4/2021		0.027	1.24					0.063	0.277
4/26/2022	0.418	0.037	0.767		0.085	0.199			
5/2/2022							0.017		
5/3/2022				2.77					0.282
5/4/2022								0.081	
10/11/2022							0.02	0.073	
10/12/2022	2.88	0.041	0.712	2.66	0.145				
10/13/2022									0.273
10/18/2022						0.243			
4/11/2023							0.018	0.064	0.276
4/12/2023		0.026	0.55	2.33	0.098				
4/13/2023	0.338					0.186			
10/17/2023		0.035	0.75			0.215			

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/18/2023	1.44								
10/19/2023					0.117				
10/24/2023								0.087	0.291
10/26/2023				2.28					
4/9/2024								0.062	0.16
4/11/2024		0.027	0.508		0.084				
4/17/2024						0.216			
4/22/2024	0.326								
4/24/2024				2.62					
10/3/2024	0.382	0.035	0.602		0.112	0.209			
10/15/2024				2.42					
10/16/2024								0.065	0.256
4/10/2025						0.127			
4/11/2025	0.176	0.031	0.371		0.068				
4/15/2025								0.064	
4/17/2025				2.12					0.207

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							1.8	1.3	
5/19/2016							1.7	0.29	
7/19/2016							1.4		
8/4/2016									17
9/20/2016							1.7		13
11/29/2016							2.9		
11/30/2016									13
1/31/2017							2		
2/1/2017								5.9	14
5/23/2017							2.8		
5/24/2017								3.1	8.9
10/10/2017							1.9		7.4
4/18/2018							2.5	1.7	6.7
8/14/2018							1.8		
8/15/2018									4.8
4/6/2019						<0.05			
4/7/2019	0.12								
4/8/2019		8.1							
4/9/2019								0.55	4.6
4/10/2019							2.1		
7/31/2019	0.0867								
8/1/2019		9.67				0.0204			
9/24/2019						0.0208	2.07		
9/26/2019	0.0968								3.65
9/27/2019		13.2							
11/18/2019						0.0222			
11/19/2019	0.102	13.1							
1/29/2020	<0.01					0.018			
1/30/2020		13.1							
3/23/2020	0.0918	11.3						0.953	2.57
3/26/2020						0.0184	2.59		
6/23/2020	0.101					0.022			
6/24/2020		12.2	11.5	16.6	0.195				
9/21/2020	0.116								
9/22/2020			8.45			0.019			2.58
9/23/2020				17.8			2.05		
9/24/2020		11.8			0.354				
4/19/2021								1.36	2
4/20/2021	0.1								
4/21/2021			7.76				2.47		
4/22/2021		14.2		11.1	0.291	0.02			
9/28/2021			2.65				2.41	0.395	2.22
9/29/2021						0.028			
9/30/2021	0.107								
10/1/2021		13.1							
10/5/2021				12.6	0.373				
4/26/2022								0.956	2.36
5/2/2022	0.106								
5/3/2022			4.93			0.017	2.43		
5/4/2022		12.6		9.91	0.448				
10/11/2022						0.024	2.65		
10/12/2022									2.23

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/13/2022	0.094			15.2					
10/18/2022		7.61	5.34		0.529				
4/10/2023						0.019	2.04		
4/12/2023	0.099								
4/13/2023			1.83	9.05					
4/18/2023		8.68			0.265			0.468	1.67
10/23/2023						0.036			
10/24/2023	0.102								2.12
10/25/2023		7.12							
10/26/2023			3.11	13.5	0.443				
4/9/2024	0.099								
4/11/2024								0.739	
4/23/2024			3.07	9.61	0.239	0.018			1.81
4/24/2024		8.52							
10/9/2024	0.095					0.022			
10/15/2024									1.73
10/16/2024		6.82	3.08	14.6	0.354				
4/10/2025								1.41	
4/15/2025	0.103					0.02			
4/17/2025									1.8
4/21/2025		6.81	2.08	9.9	0.239				

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.3	7		2.7		
3/30/2016			0.051			
5/18/2016				3.1		
5/19/2016	0.28	11	0.16			
7/19/2016		6		4.1		
7/20/2016	0.32		0.13			
9/20/2016	0.35	11	0.049 (J)	4.1		
11/29/2016	0.4			5.7		
11/30/2016		13	0.071			
1/31/2017	0.35			4		
2/1/2017		5.1	0.37			
5/22/2017				4.8		
5/24/2017	0.34	8.9	0.097			
10/9/2017				5.5		
10/11/2017	0.43	7.2	0.098			
4/17/2018	0.23			2.9		
4/18/2018		2.8	0.25			
8/14/2018				4.9		
8/15/2018	0.38	6.8	0.13			
4/7/2019	0.19	4.7	0.13			
4/10/2019				5.7		
9/24/2019				7.44		
9/25/2019	0.385	3.46				
9/26/2019			0.0858			
3/26/2020	0.179	1.48	0.133	4.13		
9/23/2020	0.343	2.05	0.128	8.99		
4/20/2021		0.977				
4/21/2021	0.186		0.238	7.39		
9/29/2021		2.25				
9/30/2021	0.213		0.093	9.43		
4/25/2022				6.75		
4/27/2022	0.131		0.165			
5/3/2022		1.17				
10/11/2022				7.16		
10/17/2022	0.325	0.999	0.111			
4/11/2023				5.04		
4/12/2023	0.166	0.83	0.26			
10/17/2023	0.296					
10/18/2023		0.938				
10/19/2023				6.61		
10/23/2023			0.123			
10/25/2023					0.015	2.14
4/9/2024	0.13					
4/17/2024				4.57		
4/22/2024		0.737	0.193			
4/23/2024					0.013	
4/24/2024						2.67
10/2/2024	0.297			5.51		
10/9/2024		0.48				
10/10/2024					0.013	
10/15/2024			0.104			2.72
4/10/2025				4.46		

Time Series

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
4/15/2025	0.131	0.307	0.226			2.41
4/16/2025					0.018	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		0.0019 (J)	<0.001	<0.001					
5/18/2016	<0.001	0.0023 (J)							
5/19/2016			<0.001	<0.001		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		0.0013 (J)	<0.001			<0.001			
8/4/2016					0.00072 (J)				0.00087 (J)
9/19/2016	<0.001								
9/20/2016		0.0012 (J)			0.00061 (J)				
9/21/2016			<0.001			<0.001			0.0012 (J)
11/29/2016	<0.001					<0.001			
11/30/2016		0.0006 (J)			0.00077 (J)				
12/1/2016			<0.001						0.0012 (J)
1/30/2017						<0.001			
1/31/2017	<0.001							0.0026	0.0025
2/1/2017		0.0018 (J)		<0.001	0.00068 (J)				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	<0.001							0.0012 (J)	0.0018 (J)
5/24/2017		0.00072 (J)	<0.001						
5/25/2017				<0.001	0.00069 (J)				
4/17/2018	<0.001							<0.001	0.0016 (J)
4/18/2018			<0.001			<0.001			
4/19/2018		0.0011 (J)		0.0011 (J)	0.0011 (J)				
8/13/2018						<0.001			
8/14/2018	<0.001	0.00067 (J)			0.00047 (J)				
8/15/2018			<0.001						0.0027
4/9/2019		0.00084 (J)	<0.001	0.00037 (J)	0.00056 (J)	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	<0.001		<0.001				0.00715
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		0.00149	<0.001			<0.001	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	<0.001							
9/24/2020			<0.001		<0.001				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		0.0018	<0.001						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								<0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			<0.001	<0.001	<0.001				

Time Series

Page 2

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	<0.001				
4/26/2022								<0.001	
4/27/2022		0.0015	<0.001				<0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			<0.001				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		<0.001		
10/18/2023		<0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				<0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					<0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	<0.001						
4/10/2025				<0.001	<0.001		<0.001	<0.001	
4/15/2025	<0.001	0.001							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	0.00049 (J)			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	<0.001				<0.001
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		<0.001	<0.001						
3/25/2020				<0.001	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		<0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	<0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	<0.001	<0.001	<0.001		<0.001	<0.001			
10/15/2024				<0.001					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	0.0102	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.00095 (J)	<0.001	
5/19/2016							0.00076 (J)	<0.001	
7/19/2016							0.00099 (J)		
8/4/2016									<0.001
9/20/2016							0.0011 (J)		<0.001
11/29/2016							0.001 (J)		
11/30/2016									<0.001
1/31/2017							0.00085 (J)		
2/1/2017								0.002 (J)	<0.001
5/23/2017							<0.001		
5/24/2017								0.00063 (J)	<0.001
4/18/2018							0.00076 (J)	<0.001	<0.001
8/14/2018							0.0008 (J)		
8/15/2018									<0.001
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								<0.001	<0.001
4/10/2019							0.00057 (J)		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						<0.001	<0.001		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					<0.001			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						<0.001	<0.001
3/26/2020						<0.001	<0.001		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	<0.001	<0.001	<0.001				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			<0.001		
9/24/2020		<0.001			<0.001				
4/19/2021								<0.001	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				<0.001		
4/22/2021		<0.001		<0.001	<0.001	<0.001			
9/28/2021			<0.001				<0.001	<0.001	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	<0.001				
4/26/2022								<0.001	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	<0.001		
5/4/2022		<0.001		<0.001	<0.001				
10/11/2022						<0.001	<0.001		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						<0.001	<0.001		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			<0.001			<0.001	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	<0.001				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			<0.001	<0.001	<0.001	<0.001			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	<0.001				
4/10/2025								<0.001	
4/15/2025	<0.001					<0.001			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	<0.001				

Time Series

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.001	<0.001		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	<0.001	<0.001	<0.001			
7/19/2016		<0.001		<0.001		
7/20/2016	<0.001		<0.001			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	0.00037 (J)			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	<0.001	<0.001	<0.001			
4/17/2018	<0.001			<0.001		
4/18/2018		<0.001	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					<0.001	
4/24/2024						<0.001
10/2/2024	<0.001			<0.001		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	26								
3/30/2016			140	600					
5/18/2016	25	130							
5/19/2016			650	140		120			
5/20/2016								94	
7/19/2016	17								
7/20/2016		94	540			72			
8/4/2016					170				200
9/19/2016	17								
9/20/2016		110			160				
9/21/2016			600			63			180
11/29/2016	14					100			
11/30/2016		90			150				
12/1/2016			430						170
1/30/2017						130			
1/31/2017	25							160	220
2/1/2017		150		110	130				
2/2/2017			330						
5/22/2017						90			
5/23/2017	26							100	230
5/24/2017		110	370						
5/25/2017				120	110				
10/9/2017	29								
10/10/2017			580		120	72			210
10/11/2017		94							
4/17/2018	34							180	250
4/18/2018			470			48			
4/19/2018		100		140	190				
8/13/2018						60			
8/14/2018	26	87			110				
8/15/2018			250						170
4/9/2019		78	390	120	110	50	16		
4/10/2019	28							150	190
8/1/2019							22.9		
9/23/2019						47.3	20.5		
9/24/2019	28.1								
9/26/2019		79.4	623		109				167
11/18/2019							21.9		
1/30/2020							22.6		
3/23/2020									114
3/24/2020				141	141			258	
3/25/2020		114	507			60.4	25.1		
3/26/2020	32.7								
6/23/2020							23.5		
9/21/2020							22.6		
9/23/2020	28.2	86.3							
9/24/2020			326		99.7				118
4/19/2021						57.9	26.8		
4/20/2021		140	267						
4/21/2021				112	96.8				
4/22/2021	44.4							126	84.3
9/28/2021						62.5	28.5		

Time Series

Page 2

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/29/2021								108	88.8
9/30/2021	32.1	76.5							
10/1/2021			243	107	95.4				
4/25/2022				100	115				
4/26/2022								119	
4/27/2022		112	198				27.5		
5/2/2022	36.3					52.6			
5/4/2022									82.3
10/11/2022	27.4								
10/12/2022									84.3
10/13/2022		72.9			96.1				
10/17/2022			146				25		
10/18/2022						49.9			
4/10/2023						53.8			
4/11/2023	33.2						27.6		
4/12/2023		90.9	185						
4/13/2023								102	97
4/18/2023				139	90.5				
10/17/2023					105		30.8		
10/18/2023		67.7	131						
10/23/2023	26.9								
10/24/2023									81.1
4/9/2024				104	75.7				
4/11/2024								97.4	
4/17/2024						50.6	37.1		
4/22/2024		93							82
4/23/2024	34.4		148						
10/2/2024					91.8				
10/3/2024							37.2		
10/9/2024									91.7
10/10/2024	25.1	84	157						
4/10/2025				91.8	81.6		38.5	86.9	
4/15/2025	35.6	103							82.1
4/16/2025			163						
4/22/2025						47.5			

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							3.6		
5/18/2016							3.6		
7/19/2016							3		
9/19/2016							3.2		
11/29/2016							3		
1/31/2017							3.5		
5/23/2017							3.6		
10/10/2017							3.6		
4/17/2018							3.3 (F1)		
8/14/2018							3.2		
4/6/2019								48	72
4/7/2019		22			45	41			
4/8/2019			120	220					
4/10/2019							3		
7/31/2019		14.7	130	188					
8/1/2019					36.4	42.7		54.8	87.5
9/24/2019		14.5			34.5		3.2		
9/25/2019			121			39.3		48.1	81.2
9/26/2019				162					
11/19/2019			123	185	33.4				83
11/20/2019		12.4				34.5		45.2	
1/29/2020						34.2		44.6	76.2
1/30/2020		12.5	105	212	45.5				
3/23/2020		10.7	87.7						
3/25/2020				350	42.7	39.3		45.8	84.3
3/26/2020							3.2		
6/22/2020		12.1	90.7						
6/23/2020				194	37.8	34.1		48.4	
6/24/2020									100
9/21/2020		11.3						49.9	
9/22/2020			106	131	32	37.4			84.1
9/23/2020							3.32		
4/19/2021				147	52.9				
4/20/2021		11.4	80.3			28		49.2	
4/21/2021									101
4/22/2021							3.44		
9/28/2021				146		28.4			
9/29/2021	151				30.4				
9/30/2021							3.52		
10/4/2021		13.1	87.3					41.2	79.9
4/26/2022	55.5	9.38	70.4		47.4	28.5			
5/2/2022							3.39		
5/3/2022				122					87
5/4/2022								43.1	
10/11/2022							3.16	46	
10/12/2022	134	9.16	71.4	120	34.1				
10/13/2022									79.2
10/18/2022						31.8			
4/11/2023							3.41	47	80.1
4/12/2023		9.78	59.3	115	43.9				
4/13/2023	48.3					26.5			
10/17/2023		8.15	74.2			30.9			

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/18/2023	95.6								
10/19/2023					32.3				
10/24/2023								42.8	74.8
10/26/2023				108					
4/9/2024								48.7	65.2
4/11/2024		9.76	62.9		44.5				
4/17/2024						29.9			
4/22/2024	41.9								
4/24/2024				117					
10/3/2024	57.8	10	47.2		31.6	28.2			
10/15/2024				106					
10/16/2024								44.5	75.4
4/10/2025						23.4			
4/11/2025	37.5	9.82	49.1		43.2				
4/15/2025								52	
4/17/2025				112					80.1

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

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Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/13/2022	114			492					
10/18/2022		354	242		75.2				
4/10/2023						6.57	210		
4/12/2023	124								
4/13/2023			122	261					
4/18/2023		396			61.6			90.6	102
10/23/2023						3.92			
10/24/2023	113								131
10/25/2023		344							
10/26/2023			170	514	68.4				
4/9/2024	123								
4/11/2024								76.1	
4/23/2024			163	298	65.3	5.7			110
4/24/2024		411							
10/9/2024	127					4.57			
10/15/2024									109
10/16/2024		340	172	564	71.7				
4/10/2025								93.3	
4/15/2025	127					11.5			
4/17/2025									113
4/21/2025		353	143	360	64				

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	99	280		61		
3/30/2016			63			
5/18/2016				76		
5/19/2016	90	410	85			
7/19/2016		150		82		
7/20/2016	62		70			
9/20/2016	74	360	73	110		
11/29/2016	64			180		
11/30/2016		490	69			
1/31/2017	100			160		
2/1/2017		170	61			
5/22/2017				190		
5/24/2017	97	260	88			
10/9/2017				190		
10/11/2017	86	190	76			
4/17/2018	89			140		
4/18/2018		93	44			
8/14/2018				260		
8/15/2018	74	240	70			
4/7/2019	98	180	68			
4/10/2019				310		
9/24/2019				418		
9/25/2019	63.3	134				
9/26/2019			69			
3/26/2020	88.6	83.9	60.7	453		
9/23/2020	76.4	102	69.3	445		
4/20/2021		78.6				
4/21/2021	91.4		72.1	421		
9/29/2021		95				
9/30/2021	90		81.7	397		
4/25/2022				323		
4/27/2022	75.3		59.4			
5/3/2022		74.5				
10/11/2022				291		
10/17/2022	73	65.5	66.7			
4/11/2023				132		
4/12/2023	75.5	65	50			
10/17/2023	74.6					
10/18/2023		58.6				
10/19/2023				253		
10/23/2023			69.1			
10/25/2023					17.2	98.6
4/9/2024	69.6					
4/17/2024				247		
4/22/2024		70.4	59.9			
4/23/2024					50.7	
4/24/2024						126
10/2/2024	73.6			226		
10/9/2024		59.5				
10/10/2024					29.7	
10/15/2024			70			98.9
4/10/2025				241		

Time Series

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
4/15/2025	73.1	60.9	56.9			115
4/16/2025					37.4	

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	2.5								
3/30/2016		110	83	520					
5/18/2016	2.1	100							
5/19/2016			390	80		44			
5/20/2016								70	
7/19/2016	2.2								
7/20/2016		100	340			34			
8/4/2016					91				210
9/19/2016	1.4 (J)								
9/20/2016		110			91				
9/21/2016			510			36			220
11/29/2016	3.5					170			
11/30/2016		91			98				
12/1/2016			390						220
1/30/2017						130			
1/31/2017	2.9							190	230
2/1/2017		150		89	120				
2/2/2017			290						
5/22/2017						39			
5/23/2017	4							110	240
5/24/2017		100	310						
5/25/2017				93	90				
10/9/2017	3.8								
10/10/2017			460		83	13			220
10/11/2017		86							
4/17/2018	2.6							140	270
4/18/2018			320			7.2			
4/19/2018		110		130	180				
8/13/2018						10			
8/14/2018	2.7	71			91				
8/15/2018			170						210
4/9/2019		68	310	110	110	5.6	27		
4/10/2019	2.8							75	210
8/1/2019							36.6		
9/23/2019						15	41.7		
9/24/2019	2.59								
9/26/2019		72.5	399		84.3				174
11/18/2019							47.4		
1/30/2020							47.6		
3/23/2020									102
3/24/2020				84.9	85.2			72.2	
3/25/2020		91	278			2.49	50.4		
3/26/2020	3.48								
6/23/2020							50.2		
9/21/2020							49.6		
9/23/2020	2.58	73.5							
9/24/2020			144		76.8				110
4/19/2021						4.5	55.8		
4/20/2021		111	92.1						
4/21/2021				48.7	66.9				
4/22/2021	2.47							56.5	54
9/28/2021						1.82	56.5		

Time Series

Page 2

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/29/2021								26.1	56.3
9/30/2021	2.27	60.9							
10/1/2021			76	57.3	73.9				
4/25/2022				47.8	46.4				
4/26/2022								43.5	
4/27/2022		101	59				60.9		
5/2/2022	2.25					2.18			
5/4/2022									55.5
10/11/2022	2.38								
10/12/2022									87.6
10/13/2022		69.3			59.9				
10/17/2022			28.2				65.4		
10/18/2022						2.82			
4/10/2023						1.94			
4/11/2023	1.87						71.3		
4/12/2023		83.4	33.8						
4/13/2023								78.1	46.3
4/18/2023				26.6	58				
10/17/2023					48.5		75.4		
10/18/2023		60.9	14.8						
10/23/2023	2.13								
10/24/2023									63.9
4/9/2024				32.7	37.3				
4/11/2024								43.5	
4/17/2024						1.26	84.8		
4/22/2024		79.9							37.2
4/23/2024	2.23		23.3						
10/2/2024					50.5				
10/3/2024							90		
10/9/2024									54.9
10/10/2024	2.21	62.8	18						
4/10/2025				32.4	33.7		95.7	34.1	
4/15/2025	2.01	80.3							26.5
4/16/2025			20.5						
4/22/2025						<4			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.89 (J)		
5/18/2016							<2		
7/19/2016							<2		
9/19/2016							<2		
11/29/2016							2.2		
1/31/2017							1.1 (J)		
5/23/2017							1.9 (J)		
10/10/2017							1.8 (J)		
4/17/2018							0.93 (J)		
8/14/2018							0.63 (J)		
4/6/2019								9.4	28
4/7/2019		14			16	31			
4/8/2019			130	240					
4/10/2019							<2		
7/31/2019		8.91	107	166					
8/1/2019					14.9	31.2		9.17	30.8
9/24/2019		8.58			15.5		1.05		
9/25/2019			102			30.1		8.12	36.6
9/26/2019				143					
11/19/2019			107	179	17.3				36.5
11/20/2019		8.43				25.1		10.1	
1/29/2020						12.6		9.51	38
1/30/2020		7.65	76	196	12.3				
3/23/2020		5.96	73.3						
3/25/2020				170	12.6	19.1		9.86	21.1
3/26/2020							0.969		
6/22/2020		5.34	58.5						
6/23/2020				184	12.8	17.5		9.81	
6/24/2020									33.2
9/21/2020		5.56						10.4	
9/22/2020			77.2	126	13.7	23.4			37.6
9/23/2020							1.02		
4/19/2021				129	12.1				
4/20/2021		6.65	56.7			9.31		7.83	
4/21/2021									25
4/22/2021							1.1		
9/28/2021				123		11.2			
9/29/2021	165				13.1				
9/30/2021							1.03		
10/4/2021		5.7	73.6					4.98	16.9
4/26/2022	68.9	5.46	45.9		12.4	11.2			
5/2/2022							1.2		
5/3/2022				103					19.2
5/4/2022								5.99	
10/11/2022							1.24	5.36	
10/12/2022	184	4.78	45.3	109	12.5				
10/13/2022									27.5
10/18/2022						22.9			
4/11/2023							1.14	5.15	19.9
4/12/2023		4.91	32.2	102	12.5				
4/13/2023	63.1					9.32			
10/17/2023		4.03	41.5			18.9			

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/18/2023	108								
10/19/2023					9.71				
10/24/2023								4.92	19.8
10/26/2023				98					
4/9/2024								5.33	12.3
4/11/2024		6.19	32.2		12.9				
4/17/2024						9.92			
4/22/2024	45.5								
4/24/2024				104					
10/3/2024	77.8	4.69	28.8		7.92	16.4			
10/15/2024				127					
10/16/2024								5.09	20.4
4/10/2025						6.89			
4/11/2025	61.2	5.12	23.8		9.95				
4/15/2025								4.91	
4/17/2025				87.8					17.4

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							460	71	
5/19/2016							430	41	
7/19/2016							400		
8/4/2016									340
9/20/2016							500		350
11/29/2016							560		
11/30/2016									240
1/31/2017							490		
2/1/2017								190	340
5/23/2017							500		
5/24/2017								120	310
10/10/2017							470		230
4/18/2018							480	90	290
8/14/2018							470		
8/15/2018									180
4/6/2019						<2			
4/7/2019	19								
4/8/2019		350							
4/9/2019								43	190
4/10/2019							430		
7/31/2019	17.2								
8/1/2019		378				1.85			
9/24/2019						2.16	469		
9/26/2019	17.3								142
9/27/2019		349							
11/18/2019						2.16			
11/19/2019	18.5	359							
1/29/2020	17.8					2.46			
1/30/2020		460							
3/23/2020	19.7	454						52.3	159
3/26/2020						2.62	504		
6/23/2020	10.5					1.81			
6/24/2020		432	338	424	4.45				
9/21/2020	13.6								
9/22/2020			270			1.97			88.7
9/23/2020				402			478		
9/24/2020		401			6.27				
4/19/2021								52.2	98.7
4/20/2021	13								
4/21/2021			267				493		
4/22/2021		483		229	5.27	2.33			
9/28/2021			60.9				443	20.3	102
9/29/2021						1.75			
9/30/2021	10.6								
10/1/2021		434							
10/5/2021				277	11.9				
4/26/2022								39.1	115
5/2/2022	10.8								
5/3/2022			130			2.01	457		
5/4/2022		469		218	12				
10/11/2022						1.85	489		
10/12/2022									82.5

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/13/2022	11			330					
10/18/2022		43.4	28.6		19.3				
4/10/2023						1.68	397		
4/12/2023	11.6								
4/13/2023			75.4	232					
4/18/2023		299			3.19			20.4	95.5
10/23/2023						1.52			
10/24/2023	9.93								85.5
10/25/2023		211							
10/26/2023			95.2	246	21.6				
4/9/2024	9.98								
4/11/2024								38.3	
4/23/2024			91.3	315	5.63	1.49			90.9
4/24/2024		273							
10/9/2024	10					1.61			
10/15/2024									73.4
10/16/2024		232	91.1	269	24.8				
4/10/2025								54.7	
4/15/2025	10.3					2.88			
4/17/2025									96.8
4/21/2025		218	70.8	253	9.68				

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	52	210		66		
3/30/2016			7.9			
5/18/2016				78		
5/19/2016	45	180	14			
7/19/2016		67		120		
7/20/2016	35		51			
9/20/2016	34	280	54	180		
11/29/2016	39			390		
11/30/2016		440	47			
1/31/2017	48			300		
2/1/2017		110	58			
5/22/2017				310		
5/24/2017	44	150	28			
10/9/2017				310		
10/11/2017	33	44	45			
4/17/2018	31			180		
4/18/2018		26	32			
8/14/2018				430		
8/15/2018	24	110	45			
4/7/2019	24	81	6			
4/10/2019				440		
9/24/2019				503		
9/25/2019	16.4	25.5				
9/26/2019			44.8			
3/26/2020	19.3	11.4	13.4	526		
9/23/2020	20.5	10.3	31.5	421		
4/20/2021		5.61				
4/21/2021	12.7		16.4	329		
9/29/2021		5.63				
9/30/2021	15.1		4.61	265		
4/25/2022				204		
4/27/2022	10.6		10.3			
5/3/2022		3.61				
10/11/2022				188		
10/17/2022	13.4	3.31	30.2			
4/11/2023				131		
4/12/2023	9.31	3.03	13.8			
10/17/2023	8.26					
10/18/2023		2.53				
10/19/2023				135		
10/23/2023			23.8			
10/25/2023					10.8	100
4/9/2024	8.45					
4/17/2024				84.6		
4/22/2024		2.63	8.4			
4/23/2024					10.4	
4/24/2024						135
10/2/2024	8.84			128		
10/9/2024		2.36				
10/10/2024					16.7	
10/15/2024			19.1			116
4/10/2025				79.7		

Time Series

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
4/15/2025	7.18	1.86	26.7			81.8
4/16/2025					8.12	

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		<0.001	0.0018 (J)	<0.001					
5/18/2016	<0.001	0.0014 (J)							
5/19/2016			<0.001	0.0028		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		<0.001	<0.001			<0.001			
8/4/2016					<0.001				<0.001
9/19/2016	<0.001								
9/20/2016		<0.001			<0.001				
9/21/2016			<0.001			<0.001			<0.001
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001			<0.001				
12/1/2016			<0.001						<0.001
1/30/2017						<0.001			
1/31/2017	<0.001							<0.001	<0.001
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	<0.001							<0.001	<0.001
5/24/2017		<0.001	<0.001						
5/25/2017				0.0023 (J)	0.0011 (J)				
4/17/2018	<0.001							<0.001	<0.001
4/18/2018			<0.001			<0.001			
4/19/2018		<0.001		<0.001	<0.001				
8/13/2018						<0.001			
8/14/2018	<0.001	<0.001			0.0018 (J)				
8/15/2018			<0.001						<0.001
4/9/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	<0.001		0.00117				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		<0.001	<0.001			0.00116	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	0.004							
9/24/2020			0.002		0.002				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		<0.001	<0.001						
4/21/2021				0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								<0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			<0.001	0.001	0.001				

Time Series

Page 2

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				0.001	<0.001				
4/26/2022								<0.001	
4/27/2022		<0.001	<0.001				0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			0.001				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				0.001	<0.001				
10/17/2023					0.001		<0.001		
10/18/2023		<0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	<0.001						
4/10/2025				0.003	<0.001		<0.001	<0.001	
4/15/2025	<0.001	<0.001							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	0.0011		<0.001	<0.001
9/24/2019		0.00102			<0.001		<0.001		
9/25/2019			<0.001			0.00106		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	0.00139				0.00114
11/20/2019		<0.001				<0.001		0.00191	
1/29/2020						<0.001		<0.001	0.00192
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		0.00131	0.00123						
3/25/2020				<0.001	0.00107	0.0011		<0.001	0.0013
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	0.001	0.001		0.001	
6/24/2020									<0.001
9/21/2020		0.002						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	<0.001	<0.001	<0.001		<0.001	<0.001			
10/15/2024				0.001					
10/16/2024								<0.001	0.001
4/10/2025						<0.001			
4/11/2025	0.002	0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							<0.001	<0.001	
5/19/2016							<0.001	<0.001	
7/19/2016							<0.001		
8/4/2016									<0.001
9/20/2016							<0.001		<0.001
11/29/2016							<0.001		
11/30/2016									<0.001
1/31/2017							<0.001		
2/1/2017								<0.001	<0.001
5/23/2017							<0.001		
5/24/2017								<0.001	<0.001
4/18/2018							<0.001	<0.001	<0.001
8/14/2018							<0.001		
8/15/2018									<0.001
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								<0.001	<0.001
4/10/2019							<0.001		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						0.00105	<0.001		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					0.00254			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						<0.001	<0.001
3/26/2020						0.00111	<0.001		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	0.002	0.001	0.001				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			<0.001		
9/24/2020		<0.001			<0.001				
4/19/2021								<0.001	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				<0.001		
4/22/2021		<0.001		<0.001	0.001	<0.001			
9/28/2021			<0.001				<0.001	<0.001	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	0.001				
4/26/2022								<0.001	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	<0.001		
5/4/2022		<0.001		<0.001	0.001				
10/11/2022						<0.001	<0.001		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						<0.001	<0.001		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			0.001			<0.001	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	<0.001				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			<0.001	<0.001	<0.001	0.003			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	<0.001				
4/10/2025								<0.001	
4/15/2025	<0.001					0.002			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	0.001				

Time Series

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.001	<0.001		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	<0.001	<0.001	<0.001			
7/19/2016		<0.001		<0.001		
7/20/2016	<0.001		<0.001			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	<0.001			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	<0.001	<0.001	<0.001			
4/17/2018	<0.001			<0.001		
4/18/2018		<0.001	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					0.001	
4/24/2024						<0.001
10/2/2024	<0.001			<0.001		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	0.01								
3/30/2016		0.0087	<0.001	<0.001					
5/18/2016	0.0089	0.0086							
5/19/2016			<0.001	<0.001		0.00078 (J)			
5/20/2016								0.0022 (J)	
7/19/2016	0.0069								
7/20/2016		0.011	<0.001			0.00048 (J)			
8/4/2016					0.0065				0.076
9/19/2016	0.0057								
9/20/2016		0.0097			0.0038				
9/21/2016			<0.001			0.00061 (J)			0.085
11/29/2016	0.006					0.00088 (J)			
11/30/2016		0.0077			0.0044				
12/1/2016			<0.001						0.079
1/30/2017						0.00053 (J)			
1/31/2017	0.0072							0.26	0.12
2/1/2017		0.0096		<0.001	0.011				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	0.0094							0.14	0.14
5/24/2017		0.0058	<0.001						
5/25/2017				<0.001	0.0028				
4/17/2018	0.011							0.055	0.15
4/18/2018			<0.001			<0.001			
4/19/2018		0.0076		0.00062 (J)	0.034				
8/13/2018						<0.001			
8/14/2018	0.0077	0.0047			0.0026				
8/15/2018			<0.001						0.12
4/9/2019		0.0047	<0.001	<0.001	0.0074	<0.001	0.011		
4/10/2019	0.0086							0.043	0.11
8/1/2019							0.0116		
9/23/2019						<0.001	0.0113		
9/24/2019	0.0079								
9/26/2019		0.00378	<0.001		0.00319				0.111
11/18/2019							0.012		
1/30/2020							0.0116		
3/23/2020									0.057
3/24/2020				<0.001	0.00451			0.0522	
3/25/2020		0.00673	<0.001			<0.001	0.0133		
3/26/2020	0.00892								
6/23/2020							0.012		
9/21/2020							0.01		
9/23/2020	0.009	0.004							
9/24/2020			<0.001		<0.001				0.083
4/19/2021						<0.001	0.01		
4/20/2021		0.006	<0.001						
4/21/2021				<0.001	0.001				
4/22/2021	0.008							0.025	0.036
9/28/2021						<0.001	0.011		
9/29/2021								0.014	0.039
9/30/2021	0.008	0.003							
10/1/2021			<0.001	<0.001	<0.001				

Time Series

Page 2

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	0.013				
4/26/2022								0.014	
4/27/2022		0.006	<0.001				0.011		
5/2/2022	0.009					<0.001			
5/4/2022									0.048
10/11/2022	0.007								
10/12/2022									0.042
10/13/2022		0.003			0.001				
10/17/2022			<0.001				0.012		
10/18/2022						<0.001			
4/10/2023						0.002			
4/11/2023	0.007						0.011		
4/12/2023		0.004	<0.001						
4/13/2023								0.059	0.035
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		0.012		
10/18/2023		0.002	<0.001						
10/23/2023	0.007								
10/24/2023									0.047
4/9/2024				<0.001	<0.001				
4/11/2024								0.029	
4/17/2024						0.002	0.014		
4/22/2024		0.003							0.031
4/23/2024	0.007		<0.001						
10/2/2024					<0.001				
10/3/2024							0.014		
10/9/2024									0.039
10/10/2024	0.006	0.002	<0.001						
4/10/2025				<0.001	<0.001		0.019	0.046	
4/15/2025	0.007	<0.001							0.034
4/16/2025			<0.001						
4/22/2025						0.001			

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.012		
5/18/2016							0.013		
7/19/2016							0.011		
9/19/2016							0.011		
11/29/2016							0.011		
1/31/2017							0.012		
5/23/2017							0.012		
4/17/2018							0.012		
8/14/2018							0.011		
4/6/2019								0.0027	0.0034
4/7/2019		0.014			0.0046	0.014			
4/8/2019			0.03	0.042					
4/10/2019							0.01		
7/31/2019		0.0092	0.0238	0.0301					
8/1/2019					<0.001	0.00845		0.00193	<0.001
9/24/2019		0.00544			<0.001		0.00991		
9/25/2019			0.0223			0.00723		<0.001	<0.001
9/26/2019				0.0322					
11/19/2019			0.02	0.0195	<0.001				0.00208
11/20/2019		0.00477				0.0068		0.0028	
1/29/2020						0.00444		0.00156	0.00289
1/30/2020		0.00218	0.0181	0.017	0.0049				
3/23/2020		0.00172	0.0173						
3/25/2020				0.0207	0.00407	0.00503		0.00384	0.00464
3/26/2020							0.0108		
6/22/2020		0.004	0.015						
6/23/2020				0.016	<0.001	0.005		0.006	
6/24/2020									0.005
9/21/2020		<0.001						<0.001	
9/22/2020			0.022	0.021	<0.001	0.006			<0.001
9/23/2020							0.01		
4/19/2021				0.016	0.002				
4/20/2021		<0.001	0.012			0.001		<0.001	
4/21/2021									0.003
4/22/2021							0.01		
9/28/2021				0.015		0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							0.011		
10/4/2021		0.001	0.016					0.006	0.005
4/26/2022	<0.001	<0.001	0.011		0.001	0.001			
5/2/2022							0.01		
5/3/2022				0.017					0.004
5/4/2022								0.005	
10/11/2022							0.01	<0.001	
10/12/2022	<0.001	0.001	0.016	0.03	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							0.01	0.003	0.001
4/12/2023		<0.001	0.006	0.016	<0.001				
4/13/2023	<0.001					0.001			
10/17/2023		<0.001	0.015			0.004			
10/18/2023	<0.001								

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				0.025					
4/9/2024								0.004	0.002
4/11/2024		<0.001	0.006		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				0.018					
10/3/2024	<0.001	<0.001	0.01		<0.001	0.001			
10/15/2024				0.023					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	<0.001	0.004	0.01		<0.001				
4/15/2025								<0.001	
4/17/2025				0.024					<0.001

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.99	0.027	
5/19/2016							1	0.023	
7/19/2016							0.99		
8/4/2016									0.036
9/20/2016							1		0.015
11/29/2016							1		
11/30/2016									0.018
1/31/2017							0.98		
2/1/2017								0.018	0.014
5/23/2017							1		
5/24/2017								0.031	0.032
4/18/2018							0.98	0.03	0.0078
8/14/2018							0.9		
8/15/2018									0.009
4/6/2019						0.031			
4/7/2019	0.0091								
4/8/2019		0.00059 (J)							
4/9/2019								0.016	0.012
4/10/2019							0.82		
7/31/2019	0.00257								
8/1/2019		0.00462				0.0257			
9/24/2019						0.0252	0.856		
9/26/2019	0.00244								0.0275
9/27/2019		0.00371							
11/18/2019						0.0296			
11/19/2019	0.00159	0.00464							
1/29/2020	0.00187					0.0223			
1/30/2020		0.011							
3/23/2020	0.00235	0.0112						0.0154	0.0133
3/26/2020						0.0263	0.819		
6/23/2020	0.003					0.028			
6/24/2020		0.011	<0.001	0.021	<0.001				
9/21/2020	0.002								
9/22/2020			0.003			0.03			0.013
9/23/2020				0.018			0.868		
9/24/2020		0.009			<0.001				
4/19/2021								0.017	0.012
4/20/2021	0.003								
4/21/2021			0.005				0.892		
4/22/2021		0.014		<0.001	<0.001	0.019			
9/28/2021			<0.001				0.816	0.018	0.013
9/29/2021						0.026			
9/30/2021	0.003								
10/1/2021		0.011							
10/5/2021				0.003	<0.001				
4/26/2022								0.023	0.015
5/2/2022	0.002								
5/3/2022			0.002			0.021	0.87		
5/4/2022		0.016		0.001	<0.001				
10/11/2022						0.03	0.982		
10/12/2022									0.014
10/13/2022	0.001			0.011					

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						0.021	0.58		
4/12/2023	<0.001								
4/13/2023			0.004	0.001					
4/18/2023		<0.001			<0.001			0.013	0.014
10/23/2023						0.022			
10/24/2023	<0.001								0.021
10/25/2023		<0.001							
10/26/2023			0.001	0.011	<0.001				
4/9/2024	0.002								
4/11/2024								0.01	
4/23/2024			0.002	<0.001	<0.001	0.021			0.02
4/24/2024		<0.001							
10/9/2024	<0.001					0.025			
10/15/2024									0.02
10/16/2024		0.002	0.001	<0.001	<0.001				
4/10/2025								0.012	
4/15/2025	<0.001					0.014			
4/17/2025									0.024
4/21/2025		<0.001	<0.001	<0.001	<0.001				

Time Series

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.0048	0.0016 (J)		<0.001		
3/30/2016			0.0031			
5/18/2016				<0.001		
5/19/2016	0.015	0.0035	0.0024 (J)			
7/19/2016		0.0018 (J)		<0.001		
7/20/2016	0.012		0.002 (J)			
9/20/2016	0.012	0.0037	0.00096 (J)	<0.001		
11/29/2016	0.012			<0.001		
11/30/2016		0.0082	0.00065 (J)			
1/31/2017	0.013			<0.001		
2/1/2017		0.0017 (J)	0.001 (J)			
5/22/2017				<0.001		
5/24/2017	0.016	0.0043	0.0041			
4/17/2018	0.0055			<0.001		
4/18/2018		0.00062 (J)	<0.001			
8/14/2018				<0.001		
8/15/2018	0.012	0.0036	<0.001			
4/7/2019	0.0042	0.0033	0.0025			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	0.0105	0.00317				
9/26/2019			<0.001			
3/26/2020	0.00254	<0.001	0.00223	<0.001		
9/23/2020	0.011	0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		0.002	<0.001		
9/29/2021		0.001				
9/30/2021	0.002		0.002	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		0.001			
5/3/2022		0.001				
10/11/2022				<0.001		
10/17/2022	0.014	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	0.001	<0.001	<0.001			
10/17/2023	0.012					
10/18/2023		0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					0.019	0.016
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	0.001			
4/23/2024					0.023	
4/24/2024						0.021
10/2/2024	0.012			<0.001		
10/9/2024		0.001				
10/10/2024					0.015	
10/15/2024			<0.001			0.013
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			0.027
4/16/2025					0.025	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	0.584								
3/30/2016		0.279 (U)	0.253 (U)	0.794					
5/18/2016	0.494	0.431							
5/19/2016			1.12	0.369 (U)		0.403			
5/20/2016								1.03	
7/19/2016	0.607								
7/20/2016		0.784	0.875			0.743			
8/4/2016					0.406 (U)				1.21
9/19/2016	0.533								
9/20/2016		0.122 (U)			0.351 (U)				
9/21/2016			1.08			0.358 (U)			0.817
11/29/2016	0.205 (U)					1.04			
11/30/2016		0.489			0.208 (U)				
12/1/2016			1.24						0.983
3/27/2017						0.306 (U)			
3/28/2017	0.489								
3/29/2017		0.312 (U)	1.14					0.502	0.648
3/30/2017				0.0806 (U)	0.4				
5/22/2017						0.351 (U)			
5/23/2017	-0.112 (U)							0.375 (U)	0.587
5/24/2017		0.256 (U)	0.684						
5/25/2017				0.322 (U)					
4/17/2018	0.27 (U)							0.931	0.215 (U)
4/18/2018			0.863			0.378 (U)			
4/19/2018		0.282 (U)		0.263 (U)	0.582				
8/13/2018						0.318 (U)			
8/14/2018	0.48	0.423			0.424				
8/15/2018			0.855						0.739
4/9/2019		0.257 (U)	0.679	0.228 (U)	0.429	0.374	0.333 (U)		
4/10/2019	0.421							0.757	0.67
10/15/2019	1.36					1.53	1.67		
12/16/2019							1.21		
2/20/2020							0.43		
4/16/2020									1.19
4/17/2020	0.645	0.275	1.19	0.0635	0.565	0.478	1.14	1.02	
7/20/2020							0.866 (U)		
10/19/2020	0.735 (U)	0.485 (U)	0.536 (U)		0.0555 (U)		1.31 (U)		0.544 (U)
5/17/2021		0.253	0.558						
5/19/2021	1.49	0.0595 (D)	0.24165 (D)	0.938	0.237			2.12	0.472
5/21/2021	0.71605 (D)			0.413 (D)	0.18145 (D)	0.371	0.761	1.7575 (D)	0.236 (D)
5/24/2021						0.5815 (D)	0.6145 (D)		
10/22/2021	0.788	0.317	1.66	1.49	0.426	1.64	1.82	1.63	0.527
4/25/2022				0.604 (U)	0.258 (U)			0.559 (U)	
4/27/2022		0.526 (U)	0.313 (U)				0.701 (U)		
5/2/2022	1.02					1.15			
5/4/2022									0.577 (U)
11/10/2022			0.889 (U)				0.91 (U)		
11/11/2022	0.416 (U)	0.474 (U)			1.4 (U)	0.381 (U)			0.898 (U)
5/4/2023	0.827 (U)	0.983 (U)	1.86			1.24	1.23 (U)	0.331 (U)	1.32
5/11/2023				0.405 (U)	1.42 (U)				
11/10/2023		3.31	1.23 (U)		0.29 (U)		1.8 (U)		
11/21/2023	0.84 (U)								2.45

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
5/20/2024	1.1 (U)	1.46 (U)	1.36 (U)	0.845 (U)	0.385 (U)	1.03 (U)	0.787 (U)	0.838 (U)	1.05 (U)
11/13/2024	0.293 (U)	0.305 (U)	1.33 (U)		0.625 (U)		1.08		
11/14/2024									0.428 (U)
4/10/2025				0.685 (U)	1.04 (U)		0.549 (U)	0.745 (U)	
4/15/2025	0.2 (U)	0.609 (U)							1.08 (U)
4/16/2025			0.581 (U)						
4/22/2025						0.744 (U)			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.605		
5/18/2016							0.43		
7/19/2016							0.393 (U)		
9/19/2016							0.0786 (U)		
11/29/2016							0.249 (U)		
3/28/2017							0.698		
5/23/2017							0.223 (U)		
4/17/2018							0.142 (U)		
8/14/2018							0.392 (U)		
4/6/2019								0.447 (U)	0.219 (U)
4/7/2019		0.217 (U)			0.636	0.53			
4/8/2019			1.17	0.788					
4/10/2019							0.166 (U)		
10/15/2019		0.672			0.711	0.491	0.683	0.838	
12/16/2019		0.851	1.18	0.876	0.827	0.542		0.817	1.19
2/20/2020		0.381	0.581	1.09	1.16	0.702		0.563	0.306
4/16/2020		0.738	0.697						
4/17/2020				0.663	0.619	0.692	0.499	0.69	0.374
7/20/2020		0.623 (U)	1.2 (U)	1.24 (U)	0.918 (U)	0.771 (U)		1.33 (U)	0.519 (U)
10/19/2020		1.28 (U)	2.2	1.01 (U)	0.228 (U)	0.523 (U)	1.43 (U)	1.03 (U)	0.476 (U)
5/19/2021							0.551		-0.123
5/20/2021									0.446
5/21/2021		0.784	0.303	-0.113	0.274	0.131	0.8045 (D)	0.332	0.446
5/24/2021		0.916 (D)	0.3915 (D)	0.139 (D)	0.336 (D)	0.034 (D)		0.466 (D)	
10/22/2021							0.427		
10/27/2021	0.996			0.668	0.85	0.849			
10/28/2021		0.401	0.585					0.89	0.414
4/26/2022	0.841 (U)	0.445 (U)	0.923 (U)		0.676 (U)	0.323 (U)			
5/2/2022							0.579 (U)		
5/3/2022				0.678 (U)				0.85 (U)	0.696 (U)
11/10/2022						0.0626 (U)			
11/11/2022	1.84	0.673 (U)	1.1 (U)	0.979 (U)	0.283 (U)		0.801 (U)	1.5 (U)	0.721 (U)
5/3/2023								0.209 (U)	0.775 (U)
5/4/2023	1.33 (U)	0.691 (U)	0.986 (U)	0.0709 (U)	0.809 (U)	0.597 (U)	0.635 (U)		
11/10/2023	2.63 (U)	0.828 (U)	1.02 (U)		0.708 (U)	0.209 (U)			
11/21/2023				1.69 (U)				1.24 (U)	0.793 (U)
5/20/2024	0.47 (U)	0.568 (U)	0.127 (U)	0.548 (U)	0.467 (U)	0.437 (U)		0.829 (U)	0.718 (U)
11/13/2024	0.842 (U)	0.289 (U)	0.745 (U)		0.543 (U)	0.537 (U)			
11/14/2024				0.784 (U)				0.485 (U)	0.252 (U)
4/10/2025						0.0823 (U)			
4/11/2025	1.18 (U)	2.03	1.76		0.695 (U)				
4/15/2025								0.806 (U)	
4/17/2025				1.37					0.418 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.583	0.842	
5/19/2016							0.599	0.738 (U)	
7/19/2016							0.908		
8/4/2016									0.469
9/20/2016							0.684		0.529
11/29/2016							1.2		
11/30/2016									0.267 (U)
3/28/2017							0.803	0.472	1.04
5/23/2017							0.673		
5/24/2017								0.532	0.288 (U)
4/18/2018							0.461	0.652	0.488
8/14/2018							0.985		
8/15/2018									0.469
4/6/2019						0.365 (U)			
4/7/2019	0.733								
4/8/2019		1.15							
4/9/2019								1.02	0.511
4/10/2019							1.25		
10/15/2019						1.66	0.977		
12/16/2019	0.692	1.26 (U)				0.0662			
2/20/2020	0.761	0.977				0.186			
4/16/2020	1.04 (U)	1.47 (U)						0.756	1.04
4/17/2020						0.585	0.901		
7/20/2020	0.591 (U)	1.46 (U)	1.03 (U)	0.842 (U)	0.35 (U)	0.33 (U)			
10/19/2020	1.13 (U)	2.19 (U)	0.831 (U)	0.897 (U)	0.316 (U)	1.17 (U)	0.784 (U)		0.23 (U)
5/17/2021	0.265								
5/19/2021	0.2036 (D)	0.539	1.57	1.83	0.976	0.881	0.652		
5/20/2021		0.24		0	0.145				
5/21/2021		0.779	0.957 (D)	1.83	1.12	0.5063 (D)	0.447 (D)	1.17	1.31
5/24/2021								0.585 (D)	0.62395 (D)
10/22/2021	1.01	1.64				0.414	1.03	1.46	11.3
10/27/2021			0.886						
10/28/2021				0.782	0.743				
4/26/2022								1.13 (U)	0.441 (U)
5/3/2022	0.463 (U)	1.12	1.28 (U)	0.608 (U)	0.406 (U)	1.03	1.04		
11/10/2022			1.34 (U)		0.716 (U)				
11/11/2022	1.03 (U)	0.803 (U)		0.6 (U)		0.325 (U)	1.35 (U)		0.844 (U)
5/3/2023	1.01 (U)		0.763 (U)	1.51 (U)					
5/4/2023						0.678 (U)	1.54 (U)		
5/11/2023		1.27 (U)			0.843			1.48	1.3
11/21/2023	0.229 (U)	0.946 (U)	1.19 (U)	1.21 (U)	0.418 (U)	0.229 (U)			1.01 (U)
5/20/2024	1.31 (U)	0.777 (U)	0.921 (U)	0.932 (U)	1.02 (U)	1.6		1.03 (U)	0.302 (U)
11/13/2024						0.834 (U)			
11/14/2024	0.768 (U)	0.52 (U)	0.691 (U)	0.261 (U)	0.262 (U)				0.61 (U)
4/10/2025								0.64 (U)	
4/15/2025	0.196 (U)					0.182 (U)			
4/17/2025									0.212 (U)
4/21/2025		1.51 (U)	1.04 (U)	1.31 (U)	1.03 (U)				

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.859	0.414		0.65		
3/30/2016			0.206 (U)			
5/18/2016				0.982		
5/19/2016	0.528	0.602	-0.139 (U)			
7/19/2016		0.454		1.07		
7/20/2016	0.313 (U)		0.542			
9/20/2016	0.495 (U)	1.01	0.937	1.02		
11/29/2016	0.19 (U)			1.55		
11/30/2016		0.4 (U)	0.401 (U)			
3/28/2017				0.608		
3/29/2017	0.258 (U)	0.598	0.375 (U)			
5/22/2017				0.614		
5/24/2017	0.167 (U)	0.476	-0.0523 (U)			
4/17/2018	0.258 (U)			0.732		
4/18/2018		0.283 (U)	0.124 (U)			
8/14/2018				1.21		
8/15/2018	0.666	1.14	0.434			
4/7/2019	0.198 (U)	0.0178 (U)	0.0561 (U)			
4/10/2019				1.42		
10/15/2019		2.31		1.46		
4/17/2020	0.236	1.12	0.732	1.27		
10/19/2020	0.351 (U)	0.466 (U)	0.0686 (U)	1.24 (U)		
5/17/2021		0.568				
5/19/2021	0.295	0.447 (D)	1.08	0.689		
5/20/2021				0.559		
5/21/2021	0.3155 (D)		0.6505 (D)	1.25		
10/22/2021	0.584	10.9	0.92	2.3		
4/27/2022	0.441 (U)		0.528 (U)	1.34 (U)		
5/3/2022		1.14				
11/10/2022	0.671 (U)	0.701 (U)				
11/11/2022				1.38 (U)		
11/15/2022			0.338 (U)			
5/4/2023	0.707 (U)	1.31 (U)	0.31 (U)	1.36 (U)		
11/10/2023	0.966 (U)	0.533 (U)		3.45		
11/21/2023			0.807 (U)		0.432 (U)	0.926 (U)
5/20/2024	0.448 (U)	1.03 (U)	0.688 (U)	0.928 (U)	0.753 (U)	0.484 (U)
11/13/2024	0.775 (U)	0.727 (U)		2.1	0.362 (U)	
11/14/2024			0.535 (U)			0.47 (U)
4/10/2025				1.23 (U)		
4/15/2025	0.549 (U)	1.17 (U)	0.604 (U)			1.63 (U)
4/16/2025					0.812 (U)	

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	0.04 (J)								
3/30/2016		0.06 (J)	0.05 (J)	1.5					
5/18/2016	0.04 (J)	0.06 (J)							
5/19/2016			1.6	0.04 (J)		0.07 (J)			
5/20/2016								0.22	
7/19/2016	0.04 (J)								
7/20/2016		0.07 (J)	1.8			0.08 (J)			
8/4/2016					0.04 (J)				0.05 (J)
9/19/2016	<0.125								
9/20/2016		0.06 (J)			0.04 (J)				
9/21/2016			1.8			0.08 (J)			0.05 (J)
11/29/2016	<0.125					0.06 (J)			
11/30/2016		0.04 (J)			<0.125				
12/1/2016			1.7						0.05 (J)
1/30/2017						0.06 (J)			
1/31/2017	0.04 (J)							0.04 (J)	<0.125
2/1/2017		0.06 (J)		0.04 (J)	0.04 (J)				
2/2/2017			2.4						
5/22/2017						0.09 (J)			
5/23/2017	0.05 (J)							0.06 (J)	0.04 (J)
5/24/2017		0.08 (J)	2.2						
5/25/2017				0.05 (J)	0.05 (J)				
10/9/2017	0.06 (J)								
10/10/2017			2.1		0.04 (J)	0.1			0.04 (J)
10/11/2017		0.06 (J)							
4/17/2018	0.07 (J)							0.15	0.05 (J)
4/18/2018			2			0.11			
4/19/2018		0.07 (J)		0.04 (J)	0.05 (J)				
8/13/2018						0.13			
8/14/2018	0.07 (J)	0.07 (J)			0.05 (J)				
8/15/2018			2.5						0.05 (J)
4/9/2019		0.06 (J)	1.9	0.05 (J)	0.05 (J)	0.1	0.06 (J)		
4/10/2019	0.08 (J)							0.19	0.06 (J)
8/1/2019							<0.125		
9/23/2019						0.132	<0.125		
9/24/2019	<0.125								
9/26/2019		<0.125	1.93		<0.125				<0.125
11/18/2019							<0.125		
1/30/2020							<0.125		
3/23/2020									<0.125
3/24/2020				<0.125	<0.125			0.194	
3/25/2020		0.236	1.72			0.152	<0.125		
3/26/2020	<0.125								
6/23/2020							<0.125		
9/21/2020							<0.125		
9/23/2020	<0.125	<0.125							
9/24/2020			1.94		<0.125				<0.125
4/19/2021						<1.25	<0.125		
4/20/2021		<0.125	1.9						
4/21/2021				<0.125	<0.125				
4/22/2021	<0.125							<0.125	<0.125
9/28/2021						0.203	<0.125		

Time Series

Page 2

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/29/2021								0.178	0.136
9/30/2021	0.143	<0.125							
10/1/2021			2.24	<0.125	<0.125				
4/25/2022				<0.125	<0.125				
4/26/2022								0.186	
4/27/2022		0.282	2.01				<0.125		
5/2/2022	<0.125					<1.25			
5/4/2022									<0.125
10/11/2022	<0.125								
10/12/2022									<0.125
10/13/2022		<0.125			<0.125				
10/17/2022			2.03				<0.125		
10/18/2022						<1.25			
4/10/2023						0.13			
4/11/2023	<0.125						<0.125		
4/12/2023		<0.125	1.74						
4/13/2023								<0.125	<0.125
4/18/2023				<0.125	<0.125				
10/17/2023					<0.125		<0.125		
10/18/2023		<0.125	1.93						
10/23/2023	0.162								
10/24/2023									0.137
4/9/2024				0.151	<0.125				
4/11/2024								0.156	
4/17/2024						<1.25	<0.125		
4/22/2024		<0.125							0.253
4/23/2024	0.218		1.74						
10/2/2024					<0.125				
10/3/2024							<0.125		
10/9/2024									<0.125
10/10/2024	<0.125	<0.125	1.58						
4/10/2025				<0.125	<0.125		<0.125	<0.125	
4/15/2025	<0.125	<0.125							<0.125
4/16/2025			1.72						
4/22/2025						<1.25			

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.125		
5/18/2016							<0.125		
7/19/2016							<0.125		
9/19/2016							<0.125		
11/29/2016							<0.125		
1/31/2017							<0.125		
5/23/2017							<0.125		
10/10/2017							<0.125		
4/17/2018							<0.125		
8/14/2018							0.04 (J)		
4/6/2019								0.14	0.09 (J)
4/7/2019		0.06 (J)			0.11	0.04 (J)			
4/8/2019			0.09 (J)	1.1					
4/10/2019							<0.125		
7/31/2019		<0.125	<0.125	0.342					
8/1/2019					<0.125	<0.125		0.203	0.138
9/24/2019		<0.125			<0.125		<0.125		
9/25/2019			<0.125			<0.125		0.16	0.125
9/26/2019				0.339					
11/19/2019			<0.125	1.48	0.135				<0.125
11/20/2019		<0.125				<0.125		0.155	
1/29/2020						<0.125		0.357	0.229
1/30/2020		<0.125	0.192	1.71	0.271				
3/23/2020		<0.125	0.199						
3/25/2020				1.21	0.129	<0.125		0.158	0.169
3/26/2020							<0.125		
6/22/2020		<0.125	<0.125						
6/23/2020				1.32	<0.125	<0.125		<0.125	
6/24/2020									<0.125
9/21/2020		<0.125						0.147	
9/22/2020			<0.125	0.322	<0.125	<0.125			0.127
9/23/2020							<0.125		
4/19/2021				1.37	0.138				
4/20/2021		<0.125	<0.125			<0.125		0.164	
4/21/2021									0.163
4/22/2021							<0.125		
9/28/2021				1.96		<0.125			
9/29/2021	<0.125				0.143				
9/30/2021							<0.125		
10/4/2021		<0.125	<0.125					<0.125	<0.125
4/26/2022	<0.125	<0.125	<0.125		0.146	<0.125			
5/2/2022							<0.125		
5/3/2022				1.69					<0.125
5/4/2022								<0.125	
10/11/2022							<0.125	0.182	
10/12/2022	<0.125	<0.125	<0.125	0.472	<0.125				
10/13/2022									<0.125
10/18/2022						<0.125			
4/11/2023							<0.125	<0.125	<0.125
4/12/2023		<0.125	<0.125	1.43	<0.125				
4/13/2023	<0.125					<0.125			
10/17/2023		<0.125	<0.125			<0.125			

Time Series

Page 2

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/18/2023	<0.125								
10/19/2023					<0.125				
10/24/2023								0.163	0.129
10/26/2023				0.94					
4/9/2024								<0.125	0.141
4/11/2024		<0.125	0.128		<0.125				
4/17/2024						<0.125			
4/22/2024	<0.125								
4/24/2024				1.72					
10/3/2024	<0.125	<0.125	<0.125		<0.125	<0.125			
10/15/2024				0.871					
10/16/2024								0.203	<0.125
4/10/2025						<0.125			
4/11/2025	<0.125	<0.125	0.128		<0.125				
4/15/2025								<0.125	
4/17/2025				1.78					0.208

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.31	0.1	
5/19/2016							0.34	0.15	
7/19/2016							0.37		
8/4/2016									1.2
9/20/2016							0.38		1.7
11/29/2016							0.34		
11/30/2016									1.5
1/31/2017							0.41		
2/1/2017								<0.125	2.1
5/23/2017							0.36		
5/24/2017								0.08 (J)	1.3
10/10/2017							0.39		2.2
4/18/2018							0.38	0.11	<0.1
8/14/2018							0.47		
8/15/2018									2
4/6/2019						0.04 (J)			
4/7/2019	0.11								
4/8/2019		3.2							
4/9/2019								0.18	1.6
4/10/2019							0.38		
7/31/2019	<0.125								
8/1/2019		2.07				<0.125			
9/24/2019						<0.125	1.03		
9/26/2019	<0.125								1.92
9/27/2019		2.96							
11/18/2019						<0.125			
11/19/2019	<0.125	0.812							
1/29/2020	0.206					<0.125			
1/30/2020		2.05							
3/23/2020	0.246	1.43						0.336	1.27
3/26/2020						<0.125	0.288		
6/23/2020	<0.125					<0.125			
6/24/2020		1.12	0.345	0.576	0.144				
9/21/2020	<0.125								
9/22/2020			0.969			<0.125			1.33
9/23/2020				0.72			0.43		
9/24/2020		1.76			0.17				
4/19/2021								<0.125	1.13
4/20/2021	<0.125								
4/21/2021			0.713				0.549		
4/22/2021		1.69		1.05	0.173	<0.125			
9/28/2021			1.31				0.665	0.193	1.86
9/29/2021						<0.125			
9/30/2021	<0.125								
10/1/2021		2.29							
10/5/2021				0.759	<0.125				
4/26/2022								<0.125	1.45
5/2/2022	<0.125								
5/3/2022			0.884			<0.125	0.43		
5/4/2022		2.21		0.337	<0.125				
10/11/2022						<0.125	0.738		
10/12/2022									1.57

Time Series

Page 2

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/13/2022	<0.125			0.563					
10/18/2022		2.48	0.321		0.142				
4/10/2023						<0.125	0.4		
4/12/2023	<0.125								
4/13/2023			1.11	0.719					
4/18/2023		2.02			0.144			<0.125	1.27
10/23/2023						0.157			
10/24/2023	<0.125								1.3
10/25/2023		0.367							
10/26/2023			1.55	0.365	0.161				
4/9/2024	0.223								
4/11/2024								0.151	
4/23/2024			1.5	0.997	0.178	<0.125			1.55
4/24/2024		2.11							
10/9/2024	<0.125					<0.125			
10/15/2024									1.28
10/16/2024		1.64	1.43	0.45	0.225				
4/10/2025								<0.125	
4/15/2025	<0.125					<0.125			
4/17/2025									1.45
4/21/2025		1.88	1.46	0.828	0.276				

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.12	0.79		0.12		
3/30/2016			0.13			
5/18/2016				0.12		
5/19/2016	0.14	1.1	0.16			
7/19/2016		1.7		0.12		
7/20/2016	0.24		0.16			
9/20/2016	0.23	1.6	0.14	0.11		
11/29/2016	0.17			0.09 (J)		
11/30/2016		1.4	0.12			
1/31/2017	0.04 (J)			0.1		
2/1/2017		1.1	0.16			
5/22/2017				0.1		
5/24/2017	0.1	1.7	0.19			
10/9/2017				0.12		
10/11/2017	0.24	2.3	0.19			
4/17/2018	0.06 (J)			0.15		
4/18/2018		1.4	0.19			
8/14/2018				0.12		
8/15/2018	0.27	2.2	0.22			
4/7/2019	0.06 (J)	1.5	0.17			
4/10/2019				0.09 (J)		
9/24/2019				<0.125		
9/25/2019	0.324	2.43				
9/26/2019			0.183			
3/26/2020	<0.125	1.37	0.38	<0.125		
9/23/2020	0.237	1.92	0.233	<0.125		
4/20/2021		1.06				
4/21/2021	<0.125		0.229	0.158		
9/29/2021		2.23				
9/30/2021	<0.125		0.267	<0.125		
4/25/2022				<0.125		
4/27/2022	<0.125		0.291			
5/3/2022		2.11				
10/11/2022				0.139		
10/17/2022	<0.125	2.58	<0.125			
4/11/2023				0.14		
4/12/2023	<0.125	1.98	0.225			
10/17/2023	<0.125					
10/18/2023		2.46				
10/19/2023				<0.125		
10/23/2023			0.206			
10/25/2023					<0.125	0.136
4/9/2024	0.158					
4/17/2024				0.226		
4/22/2024		2.16	0.282			
4/23/2024					0.136	
4/24/2024						0.26
10/2/2024	0.2			<0.125		
10/9/2024		2.12				
10/10/2024					<0.125	
10/15/2024			<0.125			<0.125
4/10/2025				0.178		

Time Series

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
4/15/2025	<0.125	1.51	0.242			0.138
4/16/2025					0.325	

Time Series

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		<0.001	<0.001	<0.001					
5/18/2016	<0.001	<0.001							
5/19/2016			<0.001	<0.001		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		<0.001	<0.001			<0.001			
8/4/2016					<0.001				<0.001
9/19/2016	<0.001								
9/20/2016		<0.001			<0.001				
9/21/2016			<0.001			<0.001			<0.001
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001			<0.001				
12/1/2016			<0.001						<0.001
1/30/2017						<0.001			
1/31/2017	<0.001							<0.001	<0.001
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	<0.001							<0.001	<0.001
5/24/2017		<0.001	<0.001						
5/25/2017				<0.001	<0.001				
4/17/2018	<0.001							<0.001	<0.001
4/18/2018			<0.001			<0.001			
4/19/2018		<0.001		<0.001	<0.001				
8/13/2018						0.00088 (J)			
8/14/2018	<0.001	<0.001			<0.001				
8/15/2018			<0.001						<0.001
4/9/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	<0.001		<0.001				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		<0.001	<0.001			<0.001	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	0.0015							
9/24/2020			<0.001		<0.001				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		<0.001	<0.001						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								<0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			<0.001	<0.001	<0.001				

Time Series

Page 2

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	<0.001				
4/26/2022								<0.001	
4/27/2022		<0.001	<0.001				<0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			<0.001				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		<0.001		
10/18/2023		<0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				<0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					<0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	<0.001						
4/10/2025				<0.001	<0.001		<0.001	<0.001	
4/15/2025	<0.001	<0.001							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	<0.001				<0.001
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		<0.001	<0.001						
3/25/2020				<0.001	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		<0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	<0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	<0.001	<0.001	<0.001		<0.001	<0.001			
10/15/2024				<0.001					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	<0.001	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.0018	<0.001	
5/19/2016							0.002	<0.001	
7/19/2016							0.0019		
8/4/2016									<0.001
9/20/2016							0.0018		<0.001
11/29/2016							0.0024		
11/30/2016									<0.001
1/31/2017							0.002		
2/1/2017								<0.001	<0.001
5/23/2017							0.0021		
5/24/2017								<0.001	<0.001
4/18/2018							0.0019	<0.001	<0.001
8/14/2018							0.0017		
8/15/2018									<0.001
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								<0.001	<0.001
4/10/2019							0.0014		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						<0.001	<0.001		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					0.00203			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						<0.001	<0.001
3/26/2020						<0.001	0.00178		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	<0.001	<0.001	<0.001				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			0.0018		
9/24/2020		<0.001			<0.001				
4/19/2021								<0.001	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				0.0019		
4/22/2021		<0.001		<0.001	<0.001	<0.001			
9/28/2021			<0.001				<0.001	<0.001	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	<0.001				
4/26/2022								<0.001	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	0.0016		
5/4/2022		<0.001		<0.001	<0.001				
10/11/2022						<0.001	0.0011		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						<0.001	0.0013		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			<0.001			<0.001	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	<0.001				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			<0.001	<0.001	<0.001	<0.001			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	<0.001				
4/10/2025								<0.001	
4/15/2025	<0.001					<0.001			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	<0.001				

Time Series

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.001	<0.001		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	<0.001	<0.001	<0.001			
7/19/2016		<0.001		<0.001		
7/20/2016	<0.001		<0.001			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	<0.001			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	<0.001	<0.001	<0.001			
4/17/2018	<0.001			<0.001		
4/18/2018		<0.001	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					<0.001	
4/24/2024						<0.001
10/2/2024	<0.001			<0.001		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.004								
3/30/2016		0.017	<0.005	0.1					
5/18/2016	<0.004	0.016							
5/19/2016			0.075	0.0034 (J)		<0.004			
5/20/2016								<0.004	
7/19/2016	<0.004								
7/20/2016		0.013	0.065			<0.004			
8/4/2016					<0.004				0.063
9/19/2016	<0.004								
9/20/2016		0.019			0.0034 (J)				
9/21/2016			0.1			<0.004			0.044
11/29/2016	<0.004					<0.004			
11/30/2016		0.013			0.0037 (J)				
12/1/2016			0.079						0.035
1/30/2017						<0.004			
1/31/2017	<0.004							0.0035 (J)	0.044
2/1/2017		0.015		<0.004	0.017				
2/2/2017			0.062						
5/22/2017						<0.004			
5/23/2017	<0.004							<0.004	0.018
5/24/2017		0.013	0.062						
5/25/2017				0.0053	0.0061				
4/17/2018	0.0022 (J)							<0.004	0.047
4/18/2018			0.078			<0.004			
4/19/2018		0.021		0.02	0.045				
8/13/2018						<0.004			
8/14/2018	0.0025 (J)	0.016			0.0084				
8/15/2018			0.052						0.016
4/9/2019		0.012	0.058	0.0074	0.014	<0.004	0.005		
4/10/2019	0.0018 (J)							0.0015 (J)	0.026
4/18/2019		0.012	0.058	0.0074	0.014	<0.004	0.005	0.0015 (J)	0.026
8/1/2019							<0.025		
10/12/2019			0.0746		0.0087				0.0177
10/17/2019						<0.004	0.00619		
10/19/2019	<0.004								
10/23/2019		0.0149							
11/18/2019							0.00513		
12/3/2019							0.00513		
2/11/2020							0.00854		
2/13/2020							0.00854		
4/3/2020	<0.004	<0.025	0.0668	0.00916	<0.004	<0.004	<0.025	<0.004	
4/17/2020	<0.004			0.00916					0.0136
4/20/2020		<0.025	0.0668		<0.004	<0.004	<0.025	<0.004	
7/7/2020							0.00643		
10/15/2020	<0.004								
10/16/2020		0.0155	0.0543		0.00761		0.0066		0.0103
5/11/2021		0.0187	0.0499				0.00673		
9/28/2021						<0.004	0.0062		
9/29/2021								<0.004	0.00884
9/30/2021	<0.004	0.0113							
10/1/2021			0.0521	<0.004	0.00683				
4/25/2022				0.00549	0.00621				

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/26/2022								<0.004	
4/27/2022		0.0161	0.0419				0.00624		
5/2/2022	<0.004					<0.004			
5/4/2022									0.00693
11/8/2022	<0.004	0.0141	0.0516		0.00618	<0.004	0.00762		0.00679
4/28/2023	<0.004	0.016	0.043	<0.004	<0.004	<0.004	0.00949	<0.004	0.0118
10/17/2023					0.00537		0.00791		
10/18/2023		0.0156	0.0567						
10/23/2023	<0.004								
10/24/2023									0.00709
4/9/2024				<0.004	<0.004				
4/11/2024								<0.004	
4/17/2024						<0.004	0.00822		
4/22/2024		0.0147							0.00685
4/23/2024	<0.004		0.0428						
10/24/2024	<0.004	0.0136	0.0514		0.00505		0.0089		0.00701
4/10/2025				<0.004	<0.004		0.0101	<0.004	
4/15/2025	<0.004	0.0129							0.00918
4/16/2025			0.0435						
4/22/2025						<0.004			

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.0034 (J)		
5/18/2016							<0.008		
7/19/2016							<0.008		
9/19/2016							<0.008		
11/29/2016							<0.008		
1/31/2017							<0.008		
5/23/2017							<0.008		
4/17/2018							0.0022 (J)		
8/14/2018							0.0027 (J)		
4/6/2019								0.0015 (J)	0.0018 (J)
4/7/2019		0.0038 (J)			0.003 (J)	0.011			
4/8/2019			0.046	0.15					
4/10/2019							0.002 (J)		
4/17/2019		0.0038 (J)	0.046	0.15	0.003 (J)	0.011		0.0015 (J)	0.0018 (J)
4/18/2019							0.002 (J)		
7/31/2019		<0.004	0.0322	0.0897					
8/1/2019					<0.004	0.00791		<0.004	<0.004
10/17/2019		<0.004			<0.004	0.00916		<0.004	
10/19/2019							<0.008		
10/23/2019			0.0353	0.0925					<0.004
11/19/2019			0.0399	0.132	<0.004				<0.004
11/20/2019		<0.004				0.00932		<0.004	
12/3/2019		<0.004	0.0399	0.132	<0.004	0.00932		<0.004	<0.004
2/11/2020		<0.004	0.0379	0.124	<0.004	0.0139		<0.004	<0.004
2/13/2020		<0.004	0.0379	0.124	<0.004	0.0139		<0.004	<0.004
4/3/2020				0.115	<0.004	<0.025	<0.008	<0.004	<0.004
4/17/2020		0.00756	0.0371				<0.008		
4/20/2020				0.115	<0.004	<0.025		<0.004	<0.004
7/8/2020		<0.004	0.0429	0.107	<0.004	0.00835			<0.004
10/15/2020							<0.008		
10/16/2020		<0.004	0.0287	0.0469	<0.004				
10/22/2020						0.0102		<0.004	<0.004
5/11/2021			0.0526	0.109		0.0103			
9/28/2021				0.103		0.00914			
9/29/2021	0.194				<0.004				
9/30/2021							<0.008		
10/4/2021		<0.004	0.0519					<0.004	<0.004
4/26/2022	0.0939	<0.004	0.0405		<0.004	0.00874			
5/3/2022				0.0877					<0.004
5/4/2022								<0.004	
5/5/2022							<0.008		
11/8/2022	0.177	<0.004	0.0334	0.047	<0.004	0.00994	<0.008	<0.004	<0.004
4/28/2023	0.0834	<0.004	0.0344	0.0992	<0.004	0.0134	<0.008	<0.004	<0.004
10/17/2023		<0.004	0.0337			0.00904			
10/18/2023	0.141								
10/19/2023					<0.004				
10/24/2023								<0.004	<0.004
10/26/2023				0.0652					
4/9/2024								<0.004	<0.004
4/11/2024		<0.004	0.0319		<0.004				
4/17/2024						0.0127			
4/22/2024	0.0772								

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
4/24/2024				0.101					
10/24/2024	0.0714	<0.004	0.0309		<0.004	0.0103			
10/25/2024				0.0659				<0.004	<0.004
4/10/2025						0.0102			
4/11/2025	0.064	<0.004	0.0369		<0.004				
4/15/2025								<0.004	
4/17/2025				0.085					<0.004

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.0093	<0.005	
5/19/2016							0.0069	<0.005	
7/19/2016							0.006		
8/4/2016									0.2
9/20/2016							0.0062		0.2
11/29/2016							0.0087		
11/30/2016									0.18
1/31/2017							0.0045 (J)		
2/1/2017								0.0096	0.22
5/23/2017							0.0065		
5/24/2017								0.0034 (J)	0.11
4/18/2018							0.0086	0.0045 (J)	0.23
8/14/2018							0.0071		
8/15/2018									0.097
4/6/2019						0.0027 (J)			
4/7/2019	0.0012 (J)								
4/8/2019		0.2							
4/9/2019								<0.005	0.09
4/10/2019							0.0056		
4/17/2019	0.0012 (J)					0.0374 (JD)			
4/18/2019		0.2					0.0056	<0.005	0.09
7/31/2019	<0.004								
8/1/2019		0.126				<0.004			
10/12/2019		0.2							
10/17/2019						<0.004	0.0071		
10/23/2019	<0.004								0.0813
11/18/2019						<0.004			
11/19/2019	<0.004	0.197							
12/3/2019	<0.004	0.197				<0.004			
2/11/2020	<0.004	0.168				0.00825			
2/13/2020	<0.004	0.168				0.00825			
4/3/2020						<0.004	0.00597		
4/17/2020	<0.004	0.135				<0.004	0.00597	<0.005	0.0671
7/7/2020						<0.004			
7/8/2020	<0.004	0.174	0.251	0.15					
7/10/2020					<0.004				
10/15/2020						<0.004	0.0068		0.0488
10/22/2020	<0.004	0.169	0.143	0.185	<0.004				
5/11/2021									0.0626
9/28/2021			0.114				0.00517	<0.005	0.0663
9/29/2021						<0.004			
9/30/2021	<0.004								
10/1/2021		0.173							
10/5/2021				0.12	<0.004				
4/26/2022								<0.005	0.0561
5/2/2022	<0.004								
5/3/2022			0.136			<0.004	0.0054		
5/4/2022		0.145		0.12	<0.004				
11/8/2022	<0.004	0.136	0.105	0.149	<0.004	<0.004	0.00649		0.0569
4/28/2023	<0.004	0.165	0.0744	0.127	<0.004	<0.004	<0.008	<0.005	0.053
10/23/2023						<0.004			
10/24/2023	<0.004								0.0506

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/25/2023		0.128							
10/26/2023			0.0709	0.139	<0.004				
4/9/2024	<0.004								
4/11/2024								<0.005	
4/23/2024			0.115	0.141	<0.004	<0.004			0.0604
4/24/2024		0.171							
10/24/2024	<0.004					<0.004			
10/25/2024		0.124	0.0675	0.142	<0.004				0.057
4/10/2025								0.00585	
4/15/2025	<0.004					<0.004			
4/17/2025									0.0572
4/21/2025		0.132	0.0942	0.135	<0.004				

Time Series

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.004	0.16		<0.004		
3/30/2016			<0.004			
5/18/2016				<0.004		
5/19/2016	<0.004	0.21	<0.004			
7/19/2016		0.11		<0.004		
7/20/2016	0.0046 (J)		<0.004			
9/20/2016	0.0055	0.22	<0.004	<0.004		
11/29/2016	0.011			<0.004		
11/30/2016		0.22	<0.004			
1/31/2017	<0.004			<0.004		
2/1/2017		0.13	<0.004			
5/22/2017				<0.004		
5/24/2017	<0.004	0.17	<0.004			
4/17/2018	0.0019 (J)			<0.004		
4/18/2018		0.14	<0.004			
8/14/2018				<0.004		
8/15/2018	0.0054	0.19	0.0011 (J)			
4/7/2019	0.002 (J)	0.15	<0.004			
4/10/2019				<0.004		
4/17/2019	0.002 (J)	0.15	<0.004			
4/18/2019				<0.004		
10/17/2019		0.117		<0.004		
10/23/2019	0.00832		<0.004			
4/3/2020	<0.004	0.0727	<0.004	<0.004		
4/17/2020	<0.004	0.0727				
4/20/2020			<0.004	<0.004		
10/15/2020	0.00614	0.0982	<0.004			
10/16/2020				<0.004		
5/11/2021		0.0681				
9/29/2021		0.0891				
9/30/2021	<0.004		<0.004	<0.004		
4/25/2022				<0.004		
4/27/2022	<0.004		<0.004			
5/3/2022		0.0752				
11/8/2022	0.00603	0.0863	<0.004	<0.004		
4/28/2023	<0.004	0.0784	<0.004	<0.004		
10/17/2023	0.00564					
10/18/2023		0.0873				
10/19/2023				<0.004		
10/23/2023			<0.004			
10/25/2023					<0.004	<0.004
4/9/2024	<0.004					
4/17/2024				<0.004		
4/22/2024		0.0822	<0.004			
4/23/2024					<0.004	
4/24/2024						<0.004
10/24/2024	0.00494	0.072		<0.004	<0.004	
10/25/2024			<0.004			<0.004
4/10/2025				<0.004		
4/15/2025	<0.004	0.0569	<0.004			<0.004
4/16/2025					<0.004	

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.0002								
3/30/2016		<0.0002	<0.0002	<0.0002					
5/18/2016	<0.0002	<0.0002							
5/19/2016			<0.0002	<0.0002		<0.0002			
5/20/2016								<0.0002	
7/19/2016	8E-05 (J)								
7/20/2016		8.4E-05 (J)	8.6E-05 (J)			8.3E-05 (J)			
8/4/2016					<0.0002				<0.0002
9/19/2016	<0.0002								
9/20/2016		<0.0002			<0.0002				
9/21/2016			<0.0002			<0.0002			<0.0002
11/29/2016	<0.0002					<0.0002			
11/30/2016		<0.0002			<0.0002				
12/1/2016			<0.0002						<0.0002
1/30/2017						<0.0002			
1/31/2017	<0.0002							<0.0002	<0.0002
2/1/2017		<0.0002		<0.0002	<0.0002				
2/2/2017			<0.0002						
5/22/2017						<0.0002			
5/23/2017	<0.0002							<0.0002	<0.0002
5/24/2017		<0.0002	<0.0002						
5/25/2017				<0.0002	<0.0002				
4/17/2018	<0.0002							<0.0002	<0.0002
4/18/2018			<0.0002			<0.0002			
4/19/2018		<0.0002		<0.0002	<0.0002				
8/13/2018						<0.0002			
8/14/2018	<0.0002	<0.0002			<0.0002				
8/15/2018			<0.0002						<0.0002
4/9/2019		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
4/10/2019	<0.0002							<0.0002	<0.0002
8/1/2019							<0.0002		
9/23/2019						<0.0002	<0.0002		
9/24/2019	<0.0002								
9/26/2019		<0.0002	<0.0002		<0.0002				<0.0002
11/18/2019							<0.0002		
1/30/2020							<0.0002		
3/23/2020									<0.0002
3/24/2020				<0.0002	<0.0002			<0.0002	
3/25/2020		<0.0002	<0.0002			<0.0002	<0.0002		
3/26/2020	<0.0002								
6/23/2020							<0.0002		
9/21/2020							<0.0002		
9/23/2020	<0.0002	<0.0002							
9/24/2020			<0.0002		<0.0002				<0.0002
4/19/2021						<0.0002	<0.0002		
4/20/2021		<0.0002	<0.0002						
4/21/2021				<0.0002	<0.0002				
4/22/2021	<0.0002							<0.0002	<0.0002
9/28/2021						<0.0002	<0.0002		
9/29/2021								<0.0002	<0.0002
9/30/2021	<0.0002	<0.0002							
10/1/2021			<0.0002	<0.0002	<0.0002				

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.0002	<0.0002				
4/26/2022								<0.0002	
4/27/2022		<0.0002	<0.0002				<0.0002		
5/2/2022	<0.0002					<0.0002			
5/4/2022									<0.0002
10/11/2022	<0.0002								
10/12/2022									<0.0002
10/13/2022		<0.0002			<0.0002				
10/17/2022			<0.0002				<0.0002		
10/18/2022						<0.0002			
4/10/2023						<0.0002			
4/11/2023	<0.0002						<0.0002		
4/12/2023		<0.0002	<0.0002						
4/13/2023								<0.0002	<0.0002
4/18/2023				<0.0002	<0.0002				
10/17/2023					<0.0002		<0.0002		
10/18/2023		<0.0002	<0.0002						
10/23/2023	<0.0002								
10/24/2023									<0.0002
4/9/2024				<0.0002	<0.0002				
4/11/2024								<0.0002	
4/17/2024						<0.0002	<0.0002		
4/22/2024		<0.0002							<0.0002
4/23/2024	<0.0002		<0.0002						
10/2/2024					<0.0002				
10/3/2024							<0.0002		
10/9/2024									<0.0002
10/10/2024	<0.0002	<0.0002	<0.0002						
4/10/2025				<0.0002	<0.0002		<0.0002	<0.0002	
4/15/2025	<0.0002	<0.0002							<0.0002
4/16/2025			<0.0002						
4/22/2025						<0.0002			

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.0002		
5/18/2016							<0.0002		
7/19/2016							8.3E-05 (J)		
9/19/2016							<0.0002		
11/29/2016							<0.0002		
1/31/2017							<0.0002		
5/23/2017							<0.0002		
4/17/2018							<0.0002		
8/14/2018							<0.0002		
4/6/2019								<0.0002	<0.0002
4/7/2019		<0.0002			<0.0002	<0.0002			
4/8/2019			<0.0002	<0.0002					
4/10/2019							<0.0002		
7/31/2019		<0.0002	<0.0002	<0.0002					
8/1/2019					<0.0002	<0.0002		<0.0002	<0.0002
9/24/2019		<0.0002			<0.0002		<0.0002		
9/25/2019			<0.0002			<0.0002		<0.0002	<0.0002
9/26/2019				<0.0002					
11/19/2019			<0.0002	<0.0002	<0.0002				<0.0002
11/20/2019		<0.0002				<0.0002		<0.0002	
1/29/2020						<0.0002		<0.0002	<0.0002
1/30/2020		<0.0002	<0.0002	<0.0002	<0.0002				
3/23/2020		<0.0002	<0.0002						
3/25/2020				<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/26/2020							<0.0002		
6/22/2020		<0.0002	<0.0002						
6/23/2020				<0.0002	<0.0002	<0.0002		<0.0002	
6/24/2020									<0.0002
9/21/2020		<0.0002						<0.0002	
9/22/2020			<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
9/23/2020							<0.0002		
4/19/2021				<0.0002	<0.0002				
4/20/2021		<0.0002	<0.0002			<0.0002		<0.0002	
4/21/2021									<0.0002
4/22/2021							<0.0002		
9/28/2021				<0.0002		<0.0002			
9/29/2021	<0.0002				<0.0002				
9/30/2021							<0.0002		
10/4/2021		<0.0002	<0.0002					<0.0002	<0.0002
4/26/2022	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002			
5/2/2022							<0.0002		
5/3/2022				<0.0002					<0.0002
5/4/2022								<0.0002	
10/11/2022							<0.0002	<0.0002	
10/12/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
10/13/2022									<0.0002
10/18/2022						<0.0002			
4/11/2023							<0.0002	<0.0002	<0.0002
4/12/2023		<0.0002	<0.0002	<0.0002	<0.0002				
4/13/2023	<0.0002					<0.0002			
10/17/2023		<0.0002	<0.0002			<0.0002			
10/18/2023	<0.0002								

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.0002				
10/24/2023								<0.0002	<0.0002
10/26/2023				<0.0002					
4/9/2024								<0.0002	<0.0002
4/11/2024		<0.0002	<0.0002		<0.0002				
4/17/2024						<0.0002			
4/22/2024	<0.0002								
4/24/2024				<0.0002					
10/3/2024	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002			
10/15/2024				<0.0002					
10/16/2024								<0.0002	<0.0002
4/10/2025						<0.0002			
4/11/2025	<0.0002	<0.0002	<0.0002		<0.0002				
4/15/2025								<0.0002	
4/17/2025				<0.0002					<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							<0.0002	<0.0002	
5/19/2016							<0.0002	<0.0002	
7/19/2016							8.3E-05 (J)		
8/4/2016									<0.0002
9/20/2016							<0.0002		<0.0002
11/29/2016							<0.0002		
11/30/2016									<0.0002
1/31/2017							<0.0002		
2/1/2017								<0.0002	<0.0002
5/23/2017							<0.0002		
5/24/2017								<0.0002	<0.0002
4/18/2018							<0.0002	<0.0002	<0.0002
8/14/2018							<0.0002		
8/15/2018									<0.0002
4/6/2019						<0.0002			
4/7/2019	<0.0002								
4/8/2019		<0.0002							
4/9/2019								<0.0002	<0.0002
4/10/2019							<0.0002		
7/31/2019	<0.0002								
8/1/2019		<0.0002				<0.0002			
9/24/2019						<0.0002	<0.0002		
9/26/2019	<0.0002								<0.0002
9/27/2019		<0.0002							
11/18/2019						<0.0002			
11/19/2019	<0.0002	<0.0002							
1/29/2020	<0.0002					<0.0002			
1/30/2020		<0.0002							
3/23/2020	<0.0002	<0.0002						<0.0002	<0.0002
3/26/2020						<0.0002	<0.0002		
6/23/2020	<0.0002					<0.0002			
6/24/2020		<0.0002	<0.0002	<0.0002	<0.0002				
9/21/2020	<0.0002								
9/22/2020			<0.0002			<0.0002			<0.0002
9/23/2020				<0.0002			<0.0002		
9/24/2020		<0.0002			<0.0002				
4/19/2021								<0.0002	<0.0002
4/20/2021	<0.0002								
4/21/2021			<0.0002				<0.0002		
4/22/2021		<0.0002		<0.0002	<0.0002	<0.0002			
9/28/2021			<0.0002				<0.0002	<0.0002	<0.0002
9/29/2021						<0.0002			
9/30/2021	<0.0002								
10/1/2021		<0.0002							
10/5/2021				<0.0002	<0.0002				
4/26/2022								<0.0002	<0.0002
5/2/2022	<0.0002								
5/3/2022			<0.0002			<0.0002	<0.0002		
5/4/2022		<0.0002		<0.0002	<0.0002				
10/11/2022						<0.0002	<0.0002		
10/12/2022									<0.0002
10/13/2022	<0.0002			<0.0002					

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.0002	<0.0002		<0.0002				
4/10/2023						<0.0002	<0.0002		
4/12/2023	<0.0002								
4/13/2023			<0.0002	<0.0002					
4/18/2023		<0.0002			<0.0002			<0.0002	<0.0002
10/23/2023						<0.0002			
10/24/2023	<0.0002								<0.0002
10/25/2023		<0.0002							
10/26/2023			<0.0002	<0.0002	<0.0002				
4/9/2024	<0.0002								
4/11/2024								<0.0002	
4/23/2024			<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
4/24/2024		<0.0002							
10/9/2024	<0.0002					<0.0002			
10/15/2024									<0.0002
10/16/2024		<0.0002	<0.0002	<0.0002	<0.0002				
4/10/2025								<0.0002	
4/15/2025	<0.0002					<0.0002			
4/17/2025									<0.0002
4/21/2025		<0.0002	<0.0002	<0.0002	<0.0002				

Time Series

Constituent: Mercury (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.0002	<0.0002		<0.0002		
3/30/2016			<0.0002			
5/18/2016				<0.0002		
5/19/2016	<0.0002	<0.0002	<0.0002			
7/19/2016		8.6E-05 (J)		8.3E-05 (J)		
7/20/2016	8.4E-05 (J)		8.1E-05 (J)			
9/20/2016	<0.0002	<0.0002	<0.0002	<0.0002		
11/29/2016	<0.0002			<0.0002		
11/30/2016		<0.0002	<0.0002			
1/31/2017	<0.0002			<0.0002		
2/1/2017		<0.0002	<0.0002			
5/22/2017				<0.0002		
5/24/2017	<0.0002	<0.0002	<0.0002			
4/17/2018	<0.0002			<0.0002		
4/18/2018		<0.0002	<0.0002			
8/14/2018				<0.0002		
8/15/2018	<0.0002	<0.0002	<0.0002			
4/7/2019	<0.0002	<0.0002	<0.0002			
4/10/2019				<0.0002		
9/24/2019				<0.0002		
9/25/2019	<0.0002	<0.0002				
9/26/2019			<0.0002			
3/26/2020	<0.0002	<0.0002	<0.0002	<0.0002		
9/23/2020	<0.0002	<0.0002	<0.0002	<0.0002		
4/20/2021		<0.0002				
4/21/2021	<0.0002		<0.0002	<0.0002		
9/29/2021		<0.0002				
9/30/2021	<0.0002		<0.0002	<0.0002		
4/25/2022				<0.0002		
4/27/2022	<0.0002		<0.0002			
5/3/2022		<0.0002				
10/11/2022				<0.0002		
10/17/2022	<0.0002	<0.0002	<0.0002			
4/11/2023				<0.0002		
4/12/2023	<0.0002	<0.0002	<0.0002			
10/17/2023	<0.0002					
10/18/2023		<0.0002				
10/19/2023				<0.0002		
10/23/2023			<0.0002			
10/25/2023					<0.0002	<0.0002
4/9/2024	<0.0002					
4/17/2024				<0.0002		
4/22/2024		<0.0002	<0.0002			
4/23/2024					<0.0002	
4/24/2024						<0.0002
10/2/2024	<0.0002			<0.0002		
10/9/2024		<0.0002				
10/10/2024					<0.0002	
10/15/2024			<0.0002			<0.0002
4/10/2025				<0.0002		
4/15/2025	<0.0002	<0.0002	<0.0002			<0.0002
4/16/2025					<0.0002	

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		<0.001	0.0013 (J)	0.18					
5/18/2016	<0.001	<0.001							
5/19/2016			0.19	0.0011 (J)		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		<0.001	0.21			<0.001			
8/4/2016					<0.001				<0.001
9/19/2016	<0.001								
9/20/2016		<0.001			<0.001				
9/21/2016			0.22			<0.001			<0.001
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001			<0.001				
12/1/2016			0.22						<0.001
1/30/2017						<0.001			
1/31/2017	0.00088 (J)							<0.001	<0.001
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017			0.26						
5/22/2017						<0.001			
5/23/2017	<0.001							<0.001	<0.001
5/24/2017		<0.001	0.23						
5/25/2017				<0.001	0.00088 (J)				
4/17/2018	<0.001							<0.001	<0.001
4/18/2018			0.18			<0.001			
4/19/2018		<0.001		0.0016 (J)	<0.001				
8/13/2018						<0.001			
8/14/2018	<0.001	<0.001			0.0019 (J)				
8/15/2018			0.18						<0.001
4/9/2019		<0.001	0.14	<0.001	<0.001	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	0.139		<0.001				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		<0.001	0.141			<0.001	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	<0.001							
9/24/2020			0.143		<0.001				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		<0.001	0.109						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			0.115	<0.001	<0.001				

Time Series

Page 2

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	0.001				
4/26/2022								0.001	
4/27/2022		<0.001	0.098				<0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			<0.001				
10/17/2022			0.097				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	0.092						
4/13/2023								<0.001	<0.001
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		<0.001		
10/18/2023		<0.001	0.092						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				<0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		0.069						
10/2/2024					<0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	0.075						
4/10/2025				<0.001	<0.001		<0.001	<0.001	
4/15/2025	0.003	<0.001							<0.001
4/16/2025			0.058						
4/22/2025						<0.001			

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	0.22					
4/10/2019							<0.001		
7/31/2019		<0.001	0.00128	0.11					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				0.103					
11/19/2019			<0.001	0.224	<0.001				<0.001
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	0.00118	0.128	<0.001				
3/23/2020		<0.001	0.00113						
3/25/2020				0.0871	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	0.001						
6/23/2020				0.124	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	0.012	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				0.109	<0.001				
4/20/2021		<0.001	0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				0.145		<0.001			
9/29/2021	0.042				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	0.001					<0.001	<0.001
4/26/2022	0.023	<0.001	0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				0.112					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	0.047	<0.001	<0.001	0.015	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	0.089	<0.001				
4/13/2023	0.023					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	0.045								

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	0.001
10/26/2023				0.044					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	0.023								
4/24/2024				0.069					
10/3/2024	0.021	<0.001	<0.001		<0.001	<0.001			
10/15/2024				0.05					
10/16/2024								<0.001	0.001
4/10/2025						<0.001			
4/11/2025	0.016	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				0.051					<0.001

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							<0.001	<0.001	
5/19/2016							<0.001	<0.001	
7/19/2016							<0.001		
8/4/2016									0.17
9/20/2016							<0.001		0.32
11/29/2016							<0.001		
11/30/2016									0.19
1/31/2017							<0.001		
2/1/2017								<0.001	0.28
5/23/2017							<0.001		
5/24/2017								<0.001	0.11
4/18/2018							<0.001	<0.001	0.44
8/14/2018							<0.001		
8/15/2018									0.29
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		0.21							
4/9/2019								<0.001	0.2
4/10/2019							<0.001		
7/31/2019	<0.001								
8/1/2019		0.138				<0.001			
9/24/2019						<0.001	<0.001		
9/26/2019	<0.001								0.141
9/27/2019		0.222							
11/18/2019						<0.001			
11/19/2019	<0.001	0.215							
1/29/2020	<0.001					0.00125			
1/30/2020		0.0701							
3/23/2020	<0.001	0.0845						<0.001	0.109
3/26/2020						0.00139	<0.001		
6/23/2020	<0.001					<0.001			
6/24/2020		0.077	0.009	0.051	0.006				
9/21/2020	<0.001								
9/22/2020			0.02			<0.001			0.096
9/23/2020				0.182			<0.001		
9/24/2020		0.093			0.007				
4/19/2021								<0.001	0.09
4/20/2021	<0.001								
4/21/2021			0.007				<0.001		
4/22/2021		0.076		0.078	0.005	0.002			
9/28/2021			0.004				<0.001	<0.001	0.149
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		0.102							
10/5/2021				0.047	0.006				
4/26/2022								0.001	0.09
5/2/2022	<0.001								
5/3/2022			0.011			<0.001	<0.001		
5/4/2022		0.084		0.074	0.006				
10/11/2022						<0.001	<0.001		
10/12/2022									0.136
10/13/2022	<0.001			0.076					

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		0.132	<0.05		0.005				
4/10/2023						<0.001	<0.001		
4/12/2023	<0.001								
4/13/2023			0.008	0.093					
4/18/2023		0.123			0.006			0.001	0.085
10/23/2023						<0.001			
10/24/2023	<0.001								0.064
10/25/2023		0.147							
10/26/2023			0.014	0.081	0.004				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			0.008	0.08	0.005	<0.001			0.069
4/24/2024		0.167							
10/9/2024	<0.001					<0.001			
10/15/2024									0.07
10/16/2024		0.157	0.011	0.1	0.003				
4/10/2025								<0.001	
4/15/2025	<0.001					0.002			
4/17/2025									0.06
4/21/2025		0.119	0.007	0.078	0.008				

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.0012 (J)	0.01 (J)		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	0.0016 (J)	0.017	<0.001			
7/19/2016		0.028		<0.001		
7/20/2016	0.003 (J)		<0.001			
9/20/2016	0.0026 (J)	0.035	<0.001	<0.001		
11/29/2016	0.0019 (J)			<0.001		
11/30/2016		0.024	<0.001			
1/31/2017	<0.001			<0.001		
2/1/2017		0.0095 (J)	<0.001			
5/22/2017				<0.001		
5/24/2017	0.0027 (J)	0.025	0.0011 (J)			
4/17/2018	<0.001			<0.001		
4/18/2018		0.015	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	0.03	<0.001			
4/7/2019	<0.001	0.016	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	0.00252	0.0199				
9/26/2019			<0.001			
3/26/2020	<0.001	0.0108	<0.001	<0.001		
9/23/2020	0.002	0.016	<0.001	<0.001		
4/20/2021		0.007				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		0.021				
9/30/2021	<0.001		0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		0.001			
5/3/2022		0.018				
10/11/2022				<0.001		
10/17/2022	0.002	0.022	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	0.012	<0.001			
10/17/2023	0.002					
10/18/2023		0.019				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	0.002
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		0.012	0.001			
4/23/2024					<0.001	
4/24/2024						0.002
10/2/2024	0.003			<0.001		
10/9/2024		0.014				
10/10/2024					<0.001	
10/15/2024			<0.001			0.001
4/10/2025				<0.001		
4/15/2025	<0.001	0.008	<0.001			0.002
4/16/2025					0.003	

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

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Time Series

Page 2

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/30/2021	5.8	4.41							
10/1/2021			7.09	7.07	5.83				
4/13/2022								5.7	
4/25/2022				6.02	5.86				
4/26/2022								6.35	
4/27/2022		3.8	6.99				5.39		
5/2/2022	5.82					6.41			
5/4/2022									5.91
10/11/2022	5.81								
10/12/2022									5.51
10/13/2022		4.81			5.63				
10/17/2022			6.93				5.47		
10/18/2022						6.02			
4/10/2023						6.81			
4/11/2023	5.56						5.3		
4/12/2023		4.55	6.8						
4/13/2023									5.62
4/18/2023				6.1	5.69				
10/17/2023					5.54		5.33		
10/18/2023		4.7	6.76						
10/23/2023	5.84								
10/24/2023									6.07
4/9/2024				6	5.74				
4/11/2024								6.3	
4/17/2024						6.49	5.94		
4/22/2024		5.56							6.25
4/23/2024	6.21		6.77						
10/2/2024					5.5				
10/3/2024							5.15		
10/9/2024									5.69
10/10/2024	5.43	4.76	6.9						
4/10/2025				5.93	5.81		5.35	5.84	
4/15/2025	5.87	4.84							5.86
4/16/2025			7.07						
4/22/2025						6.58			

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							4.7		
5/18/2016							4.74		
7/19/2016							4.71		
9/19/2016							4.59		
11/29/2016							4.82		
1/31/2017							4.51		
3/28/2017							4.54		
5/23/2017							4.45		
10/10/2017							4.33		
4/17/2018							5.1 (HF)		
8/14/2018							5.2 (HF)		
4/6/2019								6.1	5.98
4/7/2019		5.49			6.24	4.95			
4/8/2019			5.9	6.12					
4/10/2019							4.54		
5/21/2019							4.71		
5/22/2019		5.55	5.86	6.09	6.15	5.01		6.16	6.07
9/24/2019		5.68			5.94				
9/25/2019			6.06			4.92		6.64	6.68
9/26/2019				6.24					
11/19/2019			5.99	6.27	6.08				6.4
11/20/2019		4.98				4.97		6.18	
1/30/2020		5.03	5.85	6.11	6.19	5.57		6.44	6.42
3/24/2020		5.44	5.97						
3/25/2020				6.22	6.27	5.44		6.39	6.34
3/26/2020							4.81		
6/22/2020		5.49	5.95						
6/23/2020				6.29	6.16	5.19		6.33	
6/24/2020									6.23
9/21/2020		5.04						6.26	
9/22/2020			5.78	6.01	5.87	4.8			6.42
9/23/2020							4.42		
4/23/2021		7.41	6.25	6.7	6.92	7.15	3.22	7.29	7.1
9/28/2021				6.45					
9/29/2021	6.56				6.37	5.84			
9/30/2021							4.82		
10/4/2021		6.11	6.17					6.53	6.53
4/26/2022	6.12	5.17	5.99		6.25	5.65			
5/2/2022							4.83		
5/3/2022				6.26					6.35
5/4/2022								6.29	
10/11/2022							4.91	6.66	
10/12/2022	5.9	5.15	5.68	5.81	5.81				
10/13/2022									6.65
10/18/2022						4.87			
4/10/2023		5.14							
4/11/2023							4.57	6.06	6.24
4/12/2023			5.7	6	6.04				
4/13/2023	5.82					5.33			
10/16/2023				6.23					
10/17/2023			5.76			4.99			
10/19/2023					5.9				

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/23/2023		5.34						6.54	
10/24/2023	6.31								6.84
4/9/2024								6.25	6.23
4/11/2024		5.77	6.27		6.44				
4/17/2024						6.14			
4/22/2024	6.34								
4/24/2024				6.38					
10/3/2024	5.82	5.16	5.76		5.89	4.95			
10/15/2024				5.84					
10/16/2024								6.53	6.54
4/10/2025						5.64			
4/11/2025	6.06	5.13	5.75		6.3				
4/15/2025								6.55	
4/17/2025				6.17					6.52

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							4.52	5.96	
5/18/2016							4.45	6.03	
5/19/2016							4.81	6.32	
7/19/2016							4.55		
8/4/2016									5.97
9/19/2016							4.57		
9/20/2016							5.2		6.01
11/29/2016							4.06		5.81
11/30/2016									6.5
1/31/2017							4.55	5.08	5.98
2/1/2017								5.6	6.5
3/28/2017							4.53	5.23	5.64
5/23/2017							4.4		
5/24/2017								5.5	5.63
10/10/2017							4.63		5.84
4/18/2018							5 (HF)	6.2 (HF)	6.7 (HF)
8/14/2018							5.3 (HF)		
8/15/2018									6.6 (HF)
4/6/2019						4.53			
4/7/2019	6.24								
4/8/2019		6.91							
4/9/2019								6.04	6.1
4/10/2019							4.87		
5/21/2019								6.34	
5/22/2019	6.23	6.72				4.65	5.17		
9/24/2019						4.75			
9/26/2019	6.39								6.1
9/27/2019		6.97							
11/18/2019						4.59			
11/19/2019	6.37	6.92							
1/29/2020						4.96			
1/30/2020	6.41	6.63							
3/23/2020	6.41	6.73							6.1
3/24/2020								6.08	
3/26/2020						5.14	5.12		
6/23/2020	6.44					4.73			
6/24/2020		6.51	6.74	5.82	6.64				
9/21/2020	6.23								
9/22/2020			6.43			4.37			5.94
9/23/2020				5.74			4.94		
9/24/2020		6.4			6.38				
4/23/2021	7.1	5.06	7.15	4.44	5.12	3.9	6.04	6.4	6.35
9/28/2021			7.02				5.03	5.66	6.34
9/29/2021						5.21			
9/30/2021	6.6								
10/1/2021		6.69							
10/5/2021				6.46	7.04				
4/26/2022								6.32	6.09
5/2/2022	6.46								
5/3/2022			6.75			5.08	4.86		
5/4/2022		6.62		6.16	6.62				
10/11/2022						4.87	5.11		

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/12/2022									5.83
10/13/2022	6.4			5.97					
10/18/2022		6.26	6.17		6.26				
4/10/2023						4.75	5.58		
4/12/2023	6.2								
4/13/2023			6.26	5.91					
4/18/2023		6.61			6.5			6.1	5.93
10/23/2023						4.94			6.36
10/24/2023	6.51								
10/25/2023		6.77							
10/26/2023			6.53	6.12	6.3				
4/9/2024	6.41								
4/11/2024								6.2	
4/23/2024			6.58	6.32	6.65	5.7			6.23
4/24/2024		6.84							
10/9/2024	6.36					4.24			
10/15/2024									5.82
10/16/2024		6.83	6.38	5.82	6.4				
4/10/2025								5.64	
4/15/2025	6.45					5.38			
4/17/2025									5.95
4/21/2025		7.05	6.59	6.1	6.01				

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	6.15	5.94	6.11	6.26		
3/30/2016			6.44			
5/18/2016	6.04	5.91	6.29	6.26		
5/19/2016	6.29	6.27	6.65			
7/19/2016	6.2	6.13	6.43	6.2		
7/20/2016	6.33		6.54			
9/19/2016	6.31	6.03	6.48	6.13		
9/20/2016	6.4	6.4	6.7	6.4		
11/29/2016	6.35	5.99	6.43	6.26		
11/30/2016		6.6	6.7			
1/31/2017	5.43	5.93	6.42	6		
2/1/2017		6.5	6.6			
3/28/2017				5.9		
3/29/2017	5.82	6.05	6.19			
5/22/2017				5.95		
5/24/2017	5.66	5.96	6.17			
10/9/2017				5.47		
10/11/2017	6.07	6.16	6.4			
4/17/2018	6.5 (HF)			6.5 (HF)		
4/18/2018		6.7 (HF)	6.8 (HF)			
8/14/2018				5.8 (HF)		
8/15/2018	6.4 (HF)	6.5 (HF)	6.8 (HF)			
4/7/2019	5.65	6.04	6.26			
4/10/2019				5.91		
5/21/2019	5.73		6.53			
9/25/2019	6.35	6.3				
9/26/2019			6.63			
3/26/2020	6.08	6.27	6.6	6.06		
9/23/2020	6.07	6.04	6.43	5.9		
4/23/2021	7.26	6.97	7.55	7.56		
9/29/2021		6.67				
9/30/2021	6.04		6.7	6.22		
4/25/2022				6.34		
4/27/2022	5.75		6.82			
5/3/2022		6.31				
10/11/2022				6.39		
10/17/2022	6.39	6.24	6.61			
4/11/2023				6.08		
4/12/2023	5.68	6.05	6.53			
10/17/2023	6.21					
10/18/2023		5.96				
10/19/2023				6.15		
10/23/2023			6.94			
10/25/2023					5.35	6.35
4/9/2024	5.85					
4/17/2024				6.54		
4/22/2024		6.4	6.74			
4/23/2024					6.32	
4/24/2024						6.47
10/2/2024	6.33			6.12		
10/9/2024		6.21				
10/10/2024					5.71	

Time Series

Constituent: pH, Field (SU) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
10/15/2024			6.61			5.8
4/10/2025				6.56		
4/15/2025	5.9	6.34	6.93			6.05
4/16/2025					6.17	

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		0.0064	0.0014	0.00025 (J)					
5/18/2016	<0.001	0.0078							
5/19/2016			<0.001	0.0042		0.00074 (J)			
5/20/2016								0.0011 (J)	
7/19/2016	<0.001								
7/20/2016		0.0029	<0.001			0.00027 (J)			
8/4/2016					0.012				<0.001
9/19/2016	<0.001								
9/20/2016		0.0022			0.0077				
9/21/2016			0.00036 (J)			0.00086 (J)			<0.001
11/29/2016	<0.001					0.0016			
11/30/2016		0.0015			0.0083				
12/1/2016			<0.001						<0.001
1/30/2017						0.0009 (J)			
1/31/2017	<0.001							<0.001	<0.001
2/1/2017		0.0035		0.00046 (J)	0.00037 (J)				
2/2/2017			<0.001						
5/22/2017						0.0003 (J)			
5/23/2017	<0.001							<0.001	0.00034 (J)
5/24/2017		0.0023	<0.001						
5/25/2017				<0.001	0.002				
4/17/2018	0.00065 (J)							0.00085 (J)	<0.001
4/18/2018			<0.001			0.0014			
4/19/2018		0.0025		0.00027 (J)	0.00046 (J)				
8/13/2018						0.00088 (J)			
8/14/2018	<0.001	0.0019			0.00091 (J)				
8/15/2018			<0.001						<0.001
4/9/2019		0.003	<0.001	<0.001	<0.001	0.00076 (J)	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		0.00206	<0.001		0.00206				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		0.00186	<0.001			0.00145	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	0.003							
9/24/2020			<0.001		0.002				<0.001
4/19/2021						0.003	<0.001		
4/20/2021		0.003	<0.001						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						0.002	<0.001		
9/29/2021								0.001	<0.001
9/30/2021	<0.001	0.003							
10/1/2021			<0.001	0.001	<0.001				

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				0.002	0.001				
4/26/2022								0.001	
4/27/2022		0.003	<0.001				<0.001		
5/2/2022	<0.001					0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		0.001			0.002				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				0.008	0.001				
10/17/2023					0.005		<0.001		
10/18/2023		0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				0.005	<0.001				
4/11/2024								<0.001	
4/17/2024						0.001	<0.001		
4/22/2024		0.003							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					0.007				
10/3/2024							0.001		
10/9/2024									0.002
10/10/2024	<0.001	0.002	<0.001						
4/10/2025				0.002	0.001		<0.001	<0.001	
4/15/2025	<0.001	0.005							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							0.0003 (J)		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							0.0003 (J)		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	<0.001				0.00186
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		<0.001	<0.001						
3/25/2020				<0.001	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		<0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	<0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	0.002	<0.001	0.001		<0.001	0.001			
10/15/2024				0.001					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	<0.001	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.0028	0.0033	
5/19/2016							0.0028	0.0047	
7/19/2016							0.0036		
8/4/2016									0.00033 (J)
9/20/2016							0.0067		<0.001
11/29/2016							0.003		
11/30/2016									<0.001
1/31/2017							0.0027		
2/1/2017								<0.001	<0.001
5/23/2017							0.0037		
5/24/2017								0.0021	<0.001
4/18/2018							0.0022	0.0027	<0.001
8/14/2018							0.0015		
8/15/2018									<0.001
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								0.0033	<0.001
4/10/2019							0.0013		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						<0.001	<0.001		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					<0.001			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						0.00188	<0.001
3/26/2020						<0.001	<0.001		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	<0.001	<0.001	0.008				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			0.003		
9/24/2020		<0.001			0.007				
4/19/2021								0.002	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				<0.001		
4/22/2021		<0.001		<0.001	0.03	<0.001			
9/28/2021			<0.001				<0.001	0.003	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	0.017				
4/26/2022								0.003	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	<0.001		
5/4/2022		<0.001		<0.001	0.02				
10/11/2022						<0.001	0.001		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		0.004				
4/10/2023						<0.001	0.005		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			0.014			0.003	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	0.004				
4/9/2024	<0.001								
4/11/2024								0.002	
4/23/2024			<0.001	<0.001	0.014	<0.001			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	0.005				
4/10/2025								0.002	
4/15/2025	<0.001					<0.001			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	0.012				

Time Series

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	0.00032 (J)	0.00026 (J)		<0.001		
3/30/2016			0.0014			
5/18/2016				<0.001		
5/19/2016	<0.001	0.00045 (J)	0.00046 (J)			
7/19/2016		0.00025 (J)		<0.001		
7/20/2016	<0.001		0.00024 (J)			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	0.0022			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	0.00097 (J)	<0.001	0.00056 (J)			
4/17/2018	0.00036 (J)			0.00025 (J)		
4/18/2018		0.0017	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		0.002				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	0.005					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					<0.001	
4/24/2024						<0.001
10/2/2024	0.001			0.002		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				0.001		
4/15/2025	0.011	0.012	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	15								
3/30/2016		250	230	870					
5/18/2016	14	250							
5/19/2016			990	250		230			
5/20/2016								<5	
7/19/2016	12								
7/20/2016		190 (J)	770			130			
8/4/2016					310				340
9/19/2016	14								
9/20/2016		260			330				
9/21/2016			1200			90			390
11/29/2016	18					120			
11/30/2016		260			350				
12/1/2016			830						360
1/30/2017						170			
1/31/2017	20							260	300
2/1/2017		270		180	200				
2/2/2017			550						
5/22/2017						120			
5/23/2017	16							170	480
5/24/2017		250	680						
5/25/2017				210	210				
10/9/2017	12								
10/10/2017			920		230	63			390
10/11/2017		230							
4/17/2018	12							260	460
4/18/2018			780			41 (F1)			
4/19/2018		290		250	320				
8/13/2018						49			
8/14/2018	11	200			210				
8/15/2018			470						360
4/9/2019		210	690	250	240	32	54		
4/10/2019	10							160	390
8/1/2019							83.3		
9/23/2019						42.3	76		
9/24/2019	14.3								
9/26/2019		386	1330		261				442
11/18/2019							81.2		
1/30/2020							85.7		
3/23/2020									217
3/24/2020				385	395			281	
3/25/2020		397	1000			42.1	89.6		
3/26/2020	30								
6/23/2020							72.6		
9/21/2020							72.8		
9/23/2020	13	234							
9/24/2020			590		232				249
4/19/2021						48.1	75		
4/20/2021		389	460						
4/21/2021				225	211				
4/22/2021	31.8							123	113
9/28/2021						47	86.5		

Time Series

Page 2

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/29/2021								51.1	117
9/30/2021	13.7	210							
10/1/2021			427	236	241				
4/25/2022				197	190				
4/26/2022								98.9	
4/27/2022		346	375				80.7		
5/2/2022	15.4					46.9			
5/4/2022									116
10/11/2022	11.5								171
10/12/2022									
10/13/2022		208			253				
10/17/2022			262				91		
10/18/2022						30.9			
4/10/2023						27.9			
4/11/2023	29.9						91.3		
4/12/2023		296	260						
4/13/2023								214	91
4/18/2023				297	211				
10/17/2023					247		92.7		
10/18/2023		197	169						
10/23/2023	21.9								
10/24/2023									127
4/9/2024				215	156				
4/11/2024								90.7	
4/17/2024						34.9	140		
4/22/2024		386							63.7
4/23/2024	37.9		199						
10/2/2024					248				
10/3/2024							113		
10/9/2024									123
10/10/2024	17.6	203	198						
4/10/2025				200	184		121	81.6	
4/15/2025	31.1	291							39.6
4/16/2025			221						
4/22/2025						27.9			

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							14		
5/18/2016							14		
7/19/2016							14		
9/19/2016							16		
11/29/2016							17		
1/31/2017							15		
5/23/2017							16		
10/10/2017							15		
4/17/2018							15		
8/14/2018							15		
4/6/2019								26	25
4/7/2019		34			17	90			
4/8/2019			210	220					
4/10/2019							14		
7/31/2019		32.8	198	223					
8/1/2019					34.8	107		22.8	27.3
9/24/2019		29.6			27.8		20.4		
9/25/2019			190			94.1		<1	18.4
9/26/2019				232					
11/19/2019			193	207	26.6				46
11/20/2019		32.1				90.7		13.4	
1/29/2020						73.7		11.1	18.4
1/30/2020		36.3	129	192	<1				
3/23/2020		27.3	119						
3/25/2020				278	3.65	84.7		28.4	49.3
3/26/2020							17.9		
6/22/2020		26.8	106						
6/23/2020				168	12.8	72.5		41.9	
6/24/2020									67.6
9/21/2020		28.4						11.1	
9/22/2020			129	88.7	25.2	84.3			9.34
9/23/2020							15.4		
4/19/2021				149	<1				
4/20/2021		27	95.8			49.1		11.5	
4/21/2021									51.8
4/22/2021							15.4		
9/28/2021				164		61.9			
9/29/2021	358				30.6				
9/30/2021							16.2		
10/4/2021		27.6	123					32.5	89.5
4/26/2022	88.9	20.3	79.2		1.15	57.3			
5/2/2022							21.9		
5/3/2022				141					81.7
5/4/2022								28.7	
10/11/2022							20.7	<1	
10/12/2022	387	20.2	72.5	174	28.4				
10/13/2022									21.2
10/18/2022						79.8			
4/11/2023							20.9	14.5	38.9
4/12/2023		23.1	52.1	157	2.04				
4/13/2023	73.6					63.4			
10/17/2023		18.5	77			66.9			

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/18/2023	196								
10/19/2023					18.2				
10/24/2023								<1	19.4
10/26/2023				123					
4/9/2024								20.7	48.5
4/11/2024		25.2	49.8		4.72				
4/17/2024						74.1			
4/22/2024	53.7								
4/24/2024				157					
10/3/2024	88.9	20.9	49.4		14.8	64.9			
10/15/2024				167					
10/16/2024								<1	20.1
4/10/2025						42.6			
4/11/2025	65.1	20.7	39.3		3.54				
4/15/2025								8.15	
4/17/2025				126					58.1

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							610	150	
5/19/2016							550	20	
7/19/2016							490		
8/4/2016									790
9/20/2016							610		890
11/29/2016							710		
11/30/2016									660
1/31/2017							470		
2/1/2017								140	590
5/23/2017							640		
5/24/2017								230	430
10/10/2017							520		140
4/18/2018							580	130	170
8/14/2018							560		
8/15/2018									130
4/6/2019						21			
4/7/2019	12								
4/8/2019		620							
4/9/2019								<5	130
4/10/2019							510		
7/31/2019	21.4								
8/1/2019		868				23.1			
9/24/2019						26	656		
9/26/2019	8.64								204
9/27/2019		981							
11/18/2019						21.1			
11/19/2019	13.2	1010							
1/29/2020	5.75					20.6			
1/30/2020		1240							
3/23/2020	16.2	1020						81.3	126
3/26/2020						27.8	637		
6/23/2020	36.3					20.6			
6/24/2020		1040	1110	1220	29				
9/21/2020	15.5								
9/22/2020			851			19.7			178
9/23/2020				1330			602		
9/24/2020		1090			38.3				
4/19/2021								121	116
4/20/2021	11.7								
4/21/2021			717				725		
4/22/2021		1110		716	40.4	22.5			
9/28/2021			204				751	20.8	101
9/29/2021						20.8			
9/30/2021	20.6								
10/1/2021		1110							
10/5/2021				919	89.2				
4/26/2022								86.5	122
5/2/2022	20.8								
5/3/2022			375			23.7	867		
5/4/2022		1140		693	101				
10/11/2022						19.9	732		
10/12/2022									177

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/13/2022	2.89			1360					
10/18/2022		169	106		109				
4/10/2023						26.4	678		
4/12/2023	1.42								
4/13/2023			214	708					
4/18/2023		983			44			38.4	114
10/23/2023						19.4			
10/24/2023	<1								206
10/25/2023		768							
10/26/2023			372	1220	92.8				
4/9/2024	11								
4/11/2024								85.5	
4/23/2024			261	931	52.2	36.3			128
4/24/2024		910							
10/9/2024	<1					28.7			
10/15/2024									217
10/16/2024		1040	418	1600	102				
4/10/2025								154	
4/15/2025	<1					18.7			
4/17/2025									107
4/21/2025		755	186	905	59.9				

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	140	390		77		
3/30/2016			12			
5/18/2016				180		
5/19/2016	130	480	12			
7/19/2016		170 (J)		200		
7/20/2016	64		<1			
9/20/2016	94	650	<1	310		
11/29/2016	100			570		
11/30/2016		870	<1			
1/31/2017	140			280		
2/1/2017		230	21			
5/22/2017				460		
5/24/2017	130	370	9.6			
10/9/2017				420		
10/11/2017	120	230	2.9 (J)			
4/17/2018	170			230		
4/18/2018		96	<1			
8/14/2018				720		
8/15/2018	89	400	<1			
4/7/2019	170	280	3.4 (J)			
4/10/2019				790		
9/24/2019				1070		
9/25/2019	62.8	158				
9/26/2019			<1			
3/26/2020	173	72.1	6.32	1100		
9/23/2020	69.1	84.7	<1	975		
4/20/2021		48.7				
4/21/2021	137		3.25	865		
9/29/2021		80.1				
9/30/2021	135		11	881		
4/25/2022				726		
4/27/2022	129		10.2			
5/3/2022		64.3				
10/11/2022				767		
10/17/2022	69.9	55.4	<1			
4/11/2023				602		
4/12/2023	123	50	<1			
10/17/2023	54.1					
10/18/2023		37.7				
10/19/2023				411		
10/23/2023			<1			
10/25/2023					46.2	250
4/9/2024	117					
4/17/2024				553		
4/22/2024		42.7	2.62			
4/23/2024					38.5	
4/24/2024						523
10/2/2024	55.7			632		
10/9/2024		34.2				
10/10/2024					44	
10/15/2024			<1			327
4/10/2025				419		

Time Series

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
4/15/2025	100	25.4	18.3			370
4/16/2025					32.3	

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	<0.001								
3/30/2016		<0.001	<0.001	<0.001					
5/18/2016	<0.001	<0.001							
5/19/2016			<0.001	<0.001		<0.001			
5/20/2016								<0.001	
7/19/2016	<0.001								
7/20/2016		<0.001	<0.001			<0.001			
8/4/2016					<0.001				<0.001
9/19/2016	<0.001								
9/20/2016		<0.001			<0.001				
9/21/2016			<0.001			<0.001			<0.001
11/29/2016	<0.001					<0.001			
11/30/2016		<0.001			<0.001				
12/1/2016			<0.001						<0.001
1/30/2017						<0.001			
1/31/2017	<0.001							0.00015 (J)	<0.001
2/1/2017		<0.001		<0.001	<0.001				
2/2/2017			<0.001						
5/22/2017						<0.001			
5/23/2017	<0.001							0.00013 (J)	9.5E-05 (J)
5/24/2017		<0.001	<0.001						
5/25/2017				<0.001	<0.001				
4/17/2018	<0.001							<0.001	<0.001
4/18/2018			<0.001			<0.001			
4/19/2018		<0.001		<0.001	0.0001 (J)				
8/13/2018						<0.001			
8/14/2018	<0.001	<0.001			<0.001				
8/15/2018			<0.001						<0.001
4/9/2019		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		
4/10/2019	<0.001							<0.001	<0.001
8/1/2019							<0.001		
9/23/2019						<0.001	<0.001		
9/24/2019	<0.001								
9/26/2019		<0.001	<0.001		<0.001				<0.001
11/18/2019							<0.001		
1/30/2020							<0.001		
3/23/2020									<0.001
3/24/2020				<0.001	<0.001			<0.001	
3/25/2020		<0.001	<0.001			<0.001	<0.001		
3/26/2020	<0.001								
6/23/2020							<0.001		
9/21/2020							<0.001		
9/23/2020	<0.001	<0.001							
9/24/2020			<0.001		<0.001				<0.001
4/19/2021						<0.001	<0.001		
4/20/2021		<0.001	<0.001						
4/21/2021				<0.001	<0.001				
4/22/2021	<0.001							<0.001	<0.001
9/28/2021						<0.001	<0.001		
9/29/2021								<0.001	<0.001
9/30/2021	<0.001	<0.001							
10/1/2021			<0.001	<0.001	<0.001				

Time Series

Page 2

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/25/2022				<0.001	<0.001				
4/26/2022								<0.001	
4/27/2022		<0.001	<0.001				<0.001		
5/2/2022	<0.001					<0.001			
5/4/2022									<0.001
10/11/2022	<0.001								
10/12/2022									<0.001
10/13/2022		<0.001			<0.001				
10/17/2022			<0.001				<0.001		
10/18/2022						<0.001			
4/10/2023						<0.001			
4/11/2023	<0.001						<0.001		
4/12/2023		<0.001	<0.001						
4/13/2023								<0.001	<0.001
4/18/2023				<0.001	<0.001				
10/17/2023					<0.001		<0.001		
10/18/2023		<0.001	<0.001						
10/23/2023	<0.001								
10/24/2023									<0.001
4/9/2024				<0.001	<0.001				
4/11/2024								<0.001	
4/17/2024						<0.001	<0.001		
4/22/2024		<0.001							<0.001
4/23/2024	<0.001		<0.001						
10/2/2024					<0.001				
10/3/2024							<0.001		
10/9/2024									<0.001
10/10/2024	<0.001	<0.001	<0.001						
4/10/2025				<0.001	<0.001		<0.001	<0.001	
4/15/2025	<0.001	<0.001							<0.001
4/16/2025			<0.001						
4/22/2025						<0.001			

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							<0.001		
5/18/2016							<0.001		
7/19/2016							<0.001		
9/19/2016							<0.001		
11/29/2016							<0.001		
1/31/2017							<0.001		
5/23/2017							<0.001		
4/17/2018							<0.001		
8/14/2018							<0.001		
4/6/2019								<0.001	<0.001
4/7/2019		<0.001			<0.001	<0.001			
4/8/2019			<0.001	<0.001					
4/10/2019							<0.001		
7/31/2019		<0.001	<0.001	<0.001					
8/1/2019					<0.001	<0.001		<0.001	<0.001
9/24/2019		<0.001			<0.001		<0.001		
9/25/2019			<0.001			<0.001		<0.001	<0.001
9/26/2019				<0.001					
11/19/2019			<0.001	<0.001	<0.001				<0.001
11/20/2019		<0.001				<0.001		<0.001	
1/29/2020						<0.001		<0.001	<0.001
1/30/2020		<0.001	<0.001	<0.001	<0.001				
3/23/2020		<0.001	<0.001						
3/25/2020				<0.001	<0.001	<0.001		<0.001	<0.001
3/26/2020							<0.001		
6/22/2020		<0.001	<0.001						
6/23/2020				<0.001	<0.001	<0.001		<0.001	
6/24/2020									<0.001
9/21/2020		<0.001						<0.001	
9/22/2020			<0.001	<0.001	<0.001	<0.001			<0.001
9/23/2020							<0.001		
4/19/2021				<0.001	<0.001				
4/20/2021		<0.001	<0.001			<0.001		<0.001	
4/21/2021									<0.001
4/22/2021							<0.001		
9/28/2021				<0.001		<0.001			
9/29/2021	<0.001				<0.001				
9/30/2021							<0.001		
10/4/2021		<0.001	<0.001					<0.001	<0.001
4/26/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
5/2/2022							<0.001		
5/3/2022				<0.001					<0.001
5/4/2022								<0.001	
10/11/2022							<0.001	<0.001	
10/12/2022	<0.001	<0.001	<0.001	<0.001	<0.001				
10/13/2022									<0.001
10/18/2022						<0.001			
4/11/2023							<0.001	<0.001	<0.001
4/12/2023		<0.001	<0.001	<0.001	<0.001				
4/13/2023	<0.001					<0.001			
10/17/2023		<0.001	<0.001			<0.001			
10/18/2023	<0.001								

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/19/2023					<0.001				
10/24/2023								<0.001	<0.001
10/26/2023				<0.001					
4/9/2024								<0.001	<0.001
4/11/2024		<0.001	<0.001		<0.001				
4/17/2024						<0.001			
4/22/2024	<0.001								
4/24/2024				<0.001					
10/3/2024	<0.001	<0.001	<0.001		<0.001	<0.001			
10/15/2024				<0.001					
10/16/2024								<0.001	<0.001
4/10/2025						<0.001			
4/11/2025	<0.001	<0.001	<0.001		<0.001				
4/15/2025								<0.001	
4/17/2025				<0.001					<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							0.00023 (J)	<0.001	
5/19/2016							0.00025 (J)	<0.001	
7/19/2016							0.00023 (J)		
8/4/2016									0.00012 (J)
9/20/2016							0.00027 (J)		<0.001
11/29/2016							0.00031 (J)		
11/30/2016									8.5E-05 (J)
1/31/2017							0.0003 (J)		
2/1/2017								<0.001	<0.001
5/23/2017							0.00027 (J)		
5/24/2017								<0.001	<0.001
4/18/2018							0.0003 (J)	<0.001	<0.001
8/14/2018							0.00023 (J)		
8/15/2018									<0.001
4/6/2019						<0.001			
4/7/2019	<0.001								
4/8/2019		<0.001							
4/9/2019								<0.001	<0.001
4/10/2019							0.00023 (J)		
7/31/2019	<0.001								
8/1/2019		<0.001				<0.001			
9/24/2019						<0.001	<0.001		
9/26/2019	<0.001								<0.001
9/27/2019		<0.001							
11/18/2019						<0.001			
11/19/2019	<0.001	<0.001							
1/29/2020	<0.001					<0.001			
1/30/2020		<0.001							
3/23/2020	<0.001	<0.001						<0.001	<0.001
3/26/2020						<0.001	<0.001		
6/23/2020	<0.001					<0.001			
6/24/2020		<0.001	<0.001	<0.001	<0.001				
9/21/2020	<0.001								
9/22/2020			<0.001			<0.001			<0.001
9/23/2020				<0.001			<0.001		
9/24/2020		<0.001			<0.001				
4/19/2021								<0.001	<0.001
4/20/2021	<0.001								
4/21/2021			<0.001				<0.001		
4/22/2021		<0.001		<0.001	<0.001	<0.001			
9/28/2021			<0.001				<0.001	<0.001	<0.001
9/29/2021						<0.001			
9/30/2021	<0.001								
10/1/2021		<0.001							
10/5/2021				<0.001	<0.001				
4/26/2022								<0.001	<0.001
5/2/2022	<0.001								
5/3/2022			<0.001			<0.001	<0.001		
5/4/2022		<0.001		<0.001	<0.001				
10/11/2022						<0.001	<0.001		
10/12/2022									<0.001
10/13/2022	<0.001			<0.001					

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/18/2022		<0.001	<0.001		<0.001				
4/10/2023						<0.001	<0.001		
4/12/2023	<0.001								
4/13/2023			<0.001	<0.001					
4/18/2023		<0.001			<0.001			<0.001	<0.001
10/23/2023						<0.001			
10/24/2023	<0.001								<0.001
10/25/2023		<0.001							
10/26/2023			<0.001	<0.001	<0.001				
4/9/2024	<0.001								
4/11/2024								<0.001	
4/23/2024			<0.001	<0.001	<0.001	<0.001			<0.001
4/24/2024		<0.001							
10/9/2024	<0.001					<0.001			
10/15/2024									<0.001
10/16/2024		<0.001	<0.001	<0.001	<0.001				
4/10/2025								<0.001	
4/15/2025	<0.001					<0.001			
4/17/2025									<0.001
4/21/2025		<0.001	<0.001	<0.001	<0.001				

Time Series

Constituent: Thallium (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	<0.001	<0.001		<0.001		
3/30/2016			<0.001			
5/18/2016				<0.001		
5/19/2016	<0.001	<0.001	<0.001			
7/19/2016		<0.001		<0.001		
7/20/2016	<0.001		<0.001			
9/20/2016	<0.001	<0.001	<0.001	<0.001		
11/29/2016	<0.001			<0.001		
11/30/2016		<0.001	<0.001			
1/31/2017	<0.001			<0.001		
2/1/2017		<0.001	<0.001			
5/22/2017				<0.001		
5/24/2017	<0.001	<0.001	<0.001			
4/17/2018	<0.001			<0.001		
4/18/2018		<0.001	<0.001			
8/14/2018				<0.001		
8/15/2018	<0.001	<0.001	<0.001			
4/7/2019	<0.001	<0.001	<0.001			
4/10/2019				<0.001		
9/24/2019				<0.001		
9/25/2019	<0.001	<0.001				
9/26/2019			<0.001			
3/26/2020	<0.001	<0.001	<0.001	<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
4/20/2021		<0.001				
4/21/2021	<0.001		<0.001	<0.001		
9/29/2021		<0.001				
9/30/2021	<0.001		<0.001	<0.001		
4/25/2022				<0.001		
4/27/2022	<0.001		<0.001			
5/3/2022		<0.001				
10/11/2022				<0.001		
10/17/2022	<0.001	<0.001	<0.001			
4/11/2023				<0.001		
4/12/2023	<0.001	<0.001	<0.001			
10/17/2023	<0.001					
10/18/2023		<0.001				
10/19/2023				<0.001		
10/23/2023			<0.001			
10/25/2023					<0.001	<0.001
4/9/2024	<0.001					
4/17/2024				<0.001		
4/22/2024		<0.001	<0.001			
4/23/2024					<0.001	
4/24/2024						<0.001
10/2/2024	<0.001			<0.001		
10/9/2024		<0.001				
10/10/2024					<0.001	
10/15/2024			<0.001			<0.001
4/10/2025				<0.001		
4/15/2025	<0.001	<0.001	<0.001			<0.001
4/16/2025					<0.001	

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
3/29/2016	100								
3/30/2016			620	2700					
5/18/2016	150	650							
5/19/2016			2800	690		520			
5/20/2016								470	
7/19/2016	90								
7/20/2016		590	2700			370			
8/4/2016					810				1100
9/19/2016	80								
9/20/2016		590			750				
9/21/2016			3300			310			1100
11/29/2016	110					740			
11/30/2016		570			770				
12/1/2016			2400						1100
1/30/2017						570			
1/31/2017	98							870	1200
2/1/2017		750		530	670				
2/2/2017			1700						
5/22/2017						350			
5/23/2017	74							580	1100
5/24/2017		570	1700						
5/25/2017				560	550				
10/9/2017	150								
10/10/2017			2800		620	250			1200
10/11/2017		520							
4/17/2018	140							970	1400
4/18/2018			2100			170			
4/19/2018		670		800	900				
8/13/2018						200			
8/14/2018	110	490			520				
8/15/2018			1300						1100
4/9/2019		460	1900	660	660	200	190		
4/10/2019	150							780	1000
8/1/2019							264		
9/23/2019						210	289		
9/24/2019	160								
9/26/2019		458	2840		557				933
11/18/2019							236		
1/30/2020							278		
3/23/2020									636
3/24/2020				716	717			678	
3/25/2020		642	2130			222	266		
3/26/2020	172								
6/23/2020							287		
9/21/2020							242		
9/23/2020	118	469							
9/24/2020			1400		538				684
4/19/2021						204	312		
4/20/2021		779	1080						
4/21/2021				640	575				
4/22/2021	220							667	512
9/28/2021						559	340		

Time Series

Page 2

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
9/29/2021								522	518
9/30/2021	232	445							
10/1/2021			968	524	242				
4/25/2022				516	460				
4/26/2022								613	
4/27/2022		708	848				323		
5/2/2022	143					174			
5/4/2022									492
10/11/2022	167								
10/12/2022									548
10/13/2022		452			537				
10/17/2022			622				339		
10/18/2022						187			
4/11/2023	188						308		
4/12/2023		563	634						
4/13/2023								466	392
4/18/2023				606	447	228			
10/17/2023					518		314		
10/18/2023		378	516						
10/23/2023	118								
10/24/2023									350
4/9/2024				494	402				
4/11/2024								378	
4/17/2024						192	348		
4/22/2024		514							390
4/23/2024	150		528						
10/2/2024					520				
10/3/2024							353		
10/9/2024									448
10/10/2024	124	428	596						
4/10/2025				488	454		378	432	
4/15/2025	160	538							332
4/16/2025			598						
4/22/2025						169			

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
3/29/2016							46		
5/18/2016							56		
7/19/2016							42		
9/19/2016							30		
11/29/2016							76		
1/31/2017							32		
5/23/2017							26		
10/10/2017							46		
4/17/2018							38		
8/14/2018							50		
4/6/2019								170	220
4/7/2019		150			260	210			
4/8/2019			700	1300					
4/10/2019							44		
7/31/2019		104	726	945					
8/1/2019					196	258		245	330
9/24/2019		128			220		66.2		
9/25/2019			602			283		212	300
9/26/2019				765					
11/19/2019			576	792	157				296
11/20/2019		98.9				229		202	
1/29/2020						145		146	265
1/30/2020		106	555	1050	263				
3/23/2020		76	463						
3/25/2020				872	227	220		208	314
3/26/2020							69.3		
6/22/2020		87.7	520						
6/23/2020				998	208	220		246	
6/24/2020									369
9/21/2020		112						242	
9/22/2020			517	642	170	217			298
9/23/2020							64.5		
4/19/2021				724	238				
4/20/2021		83.3	469			166		233	
4/21/2021									424
4/22/2021							56		
9/28/2021				695		170			
9/29/2021	955				163				
9/30/2021							70.5		
10/4/2021		66	492					180	294
4/26/2022	454	70	440		234	188			
5/2/2022							37.8		
5/3/2022				600					313
5/4/2022								206	
10/11/2022							51.5	185	
10/12/2022	1060	79.5	385	672	239				
10/13/2022									312
10/18/2022						235			
4/11/2023							58.4	210	312
4/12/2023		85.7	322	603	208				
4/13/2023	294					126			
10/17/2023		68	376			226			

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-2 (bg)	MW-20	MW-21
10/18/2023	633								
10/19/2023					148				
10/24/2023								128	252
10/26/2023				526					
4/9/2024								262	248
4/11/2024		<51	272		182				
4/17/2024						168			
4/22/2024	278								
4/24/2024				578					
10/3/2024	446	<51	276		145	160			
10/15/2024				532					
10/16/2024								188	304
4/10/2025						160			
4/11/2025	324	<51	233		243				
4/15/2025								182	
4/17/2025				584					278

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
3/29/2016							1700	770	
5/19/2016							2000	680	
7/19/2016							1900		
8/4/2016									2500
9/20/2016							1800		2300
11/29/2016							2400		
11/30/2016									1800
1/31/2017							310		
2/1/2017								1300	2200
5/23/2017							1800		
5/24/2017								940	1600
10/10/2017							1900		1300
4/18/2018							1700	880	1300
8/14/2018							1700		
8/15/2018									1000
4/6/2019						24			
4/7/2019	360								
4/8/2019		2000							
4/9/2019								700	920
4/10/2019							1800		
7/31/2019	420								
8/1/2019		2100				<25			
9/24/2019						70.7	1890		
9/26/2019	390								794
9/27/2019		2200							
11/18/2019						52.5			
11/19/2019	383	2170							
1/29/2020	364					52.6			
1/30/2020		2910							
3/23/2020	402	2200						555	612
3/26/2020						80	1650		
6/23/2020	429					66.6			
6/24/2020		2830	2310	2620	224				
9/21/2020	434								
9/22/2020			1930			56			646
9/23/2020				2850			1850		
9/24/2020		2430			202				
4/19/2021								725	579
4/20/2021	406								
4/21/2021			1810				1990		
4/22/2021		2730		1550	272	125			
9/28/2021			682				1700	698	640
9/29/2021						61.3			
9/30/2021	420								
10/1/2021		2860							
10/5/2021				1820	368				
4/26/2022								658	652
5/2/2022	404								
5/3/2022			1080			61.4	1940		
5/4/2022		2930		1590	396				
10/11/2022						73.6	1810		
10/12/2022									608

Time Series

Page 2

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5	MW-5A
10/13/2022	393			2740					
10/18/2022		1780	1240		338				
4/12/2023	402								
4/13/2023			543	1360					
4/18/2023		1950			263	<25	1600	645	524
10/23/2023						<25			
10/24/2023	338								582
10/25/2023		1620							
10/26/2023			853	2750	304				
4/9/2024	384								
4/11/2024								414	
4/23/2024			823	1620	264	52			524
4/24/2024		1960							
10/9/2024	369					50			
10/15/2024									578
10/16/2024		1530	786	2680	322				
4/10/2025								547	
4/15/2025	369					81			
4/17/2025									556
4/21/2025		1600	630	1870	272				

Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
3/29/2016	490	1200		430		
3/30/2016			210			
5/18/2016				530		
5/19/2016	430	1600	270			
7/19/2016		740		760		
7/20/2016	340		330			
9/20/2016	370	1800	320	920		
11/29/2016	380			1600		
11/30/2016		2800	300			
1/31/2017	410			1100		
2/1/2017		770	300			
5/22/2017				1300		
5/24/2017	400	1100	280			
10/9/2017				1500		
10/11/2017	410	710	280			
4/17/2018	480			720		
4/18/2018		410	200			
8/14/2018				1700		
8/15/2018	400	1100	320			
4/7/2019	370	860	190			
4/10/2019				1900		
9/24/2019				2360		
9/25/2019	298	580				
9/26/2019			270			
3/26/2020	398	356	241	2300		
9/23/2020	337	366	250	2350		
4/20/2021		310				
4/21/2021	455		229	1850		
9/29/2021		323				
9/30/2021	421		256	1840		
4/25/2022				1450		
4/27/2022	368		202			
5/3/2022		295				
10/11/2022				1390		
10/17/2022	372	337	320			
4/11/2023				1200		
4/12/2023	357	278	198			
10/17/2023	310					
10/18/2023		236				
10/19/2023				1130		
10/23/2023			234			
10/25/2023					150	610
4/9/2024	304					
4/17/2024				1090		
4/22/2024		246	198			
4/23/2024					312	
4/24/2024						767
10/2/2024	312			1170		
10/9/2024		200				
10/10/2024					242	
10/15/2024			240			687
4/10/2025				1100		

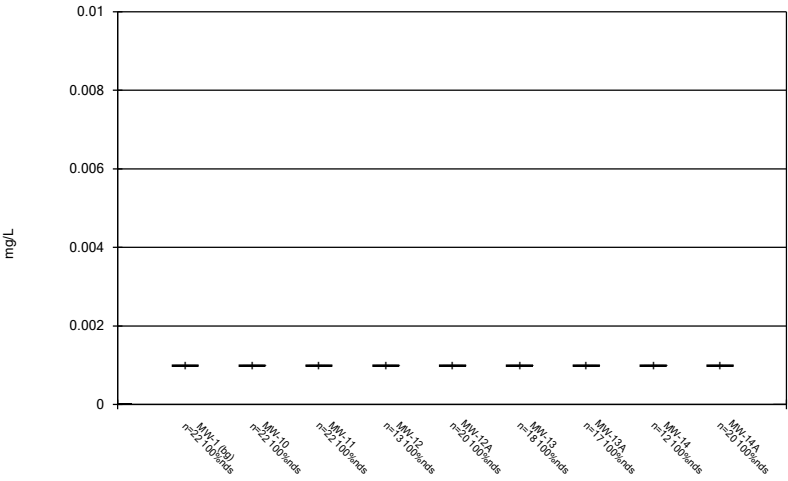
Time Series

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 9:10 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-6	MW-7	MW-8	MW-9	MW-2R (bg)	MW-4R
4/15/2025	286	241	192			694
4/16/2025					336	

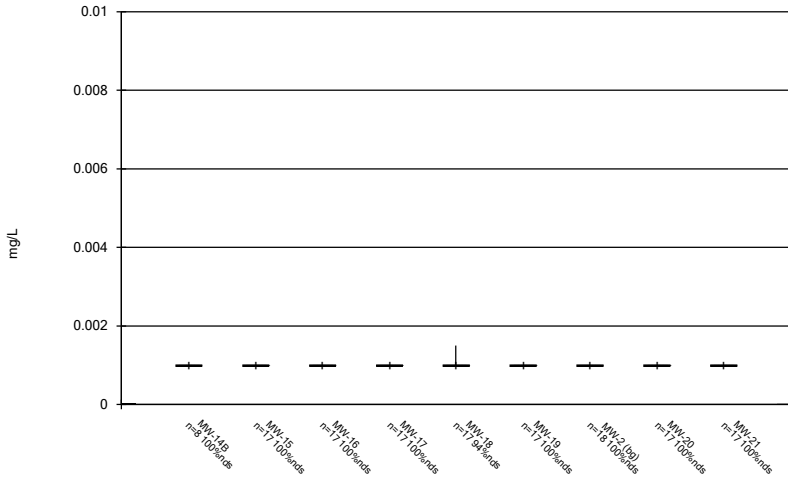
FIGURE B.

Box & Whiskers Plot



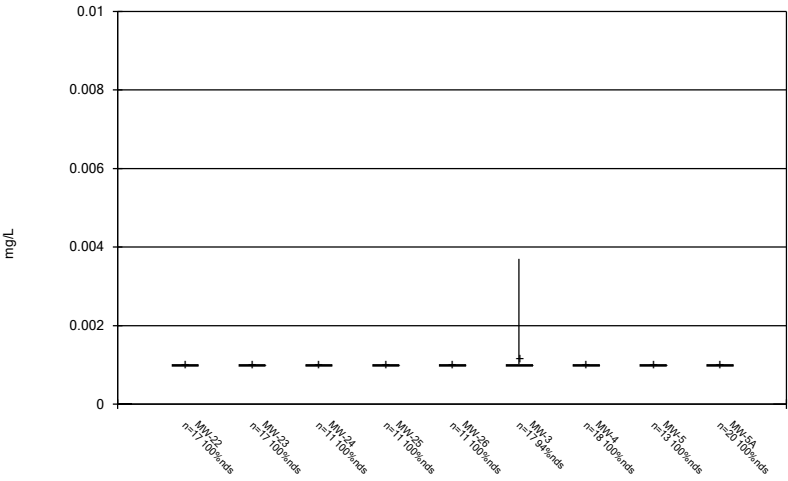
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



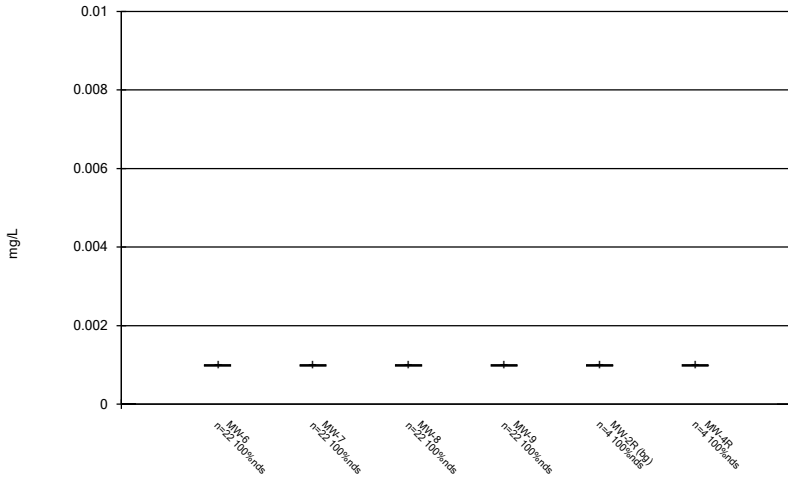
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



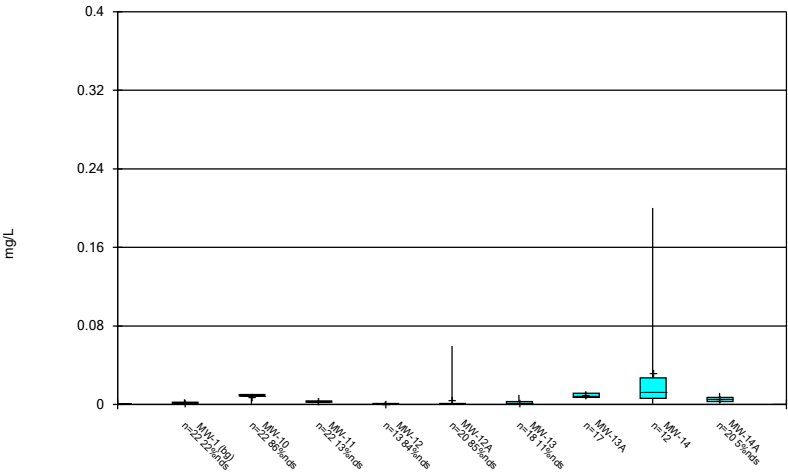
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



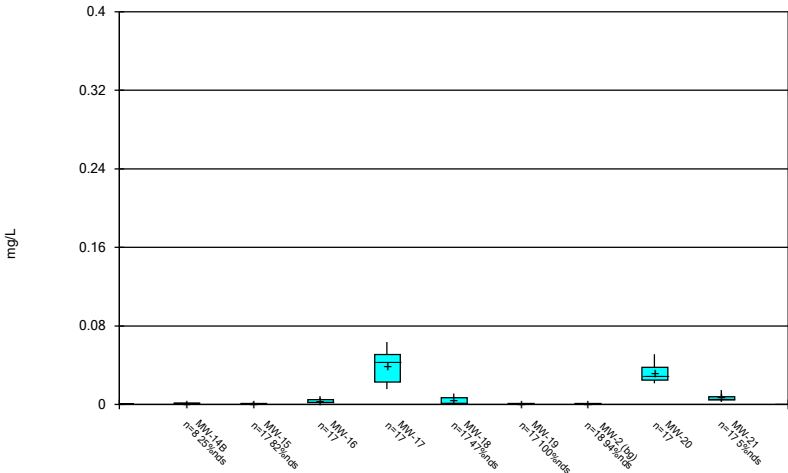
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



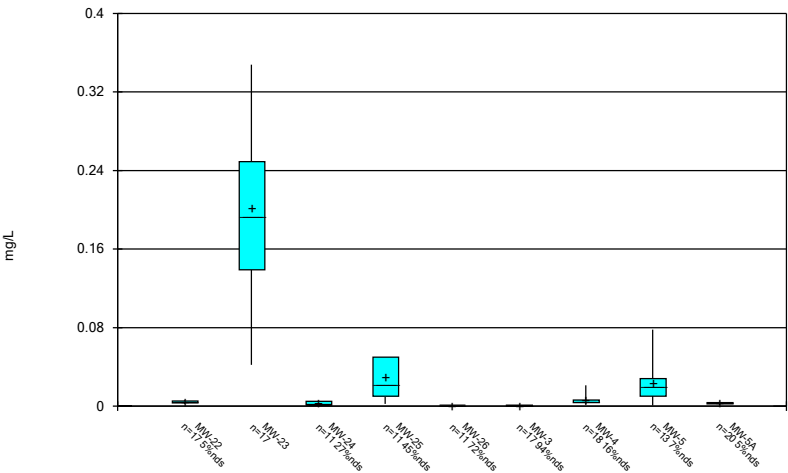
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



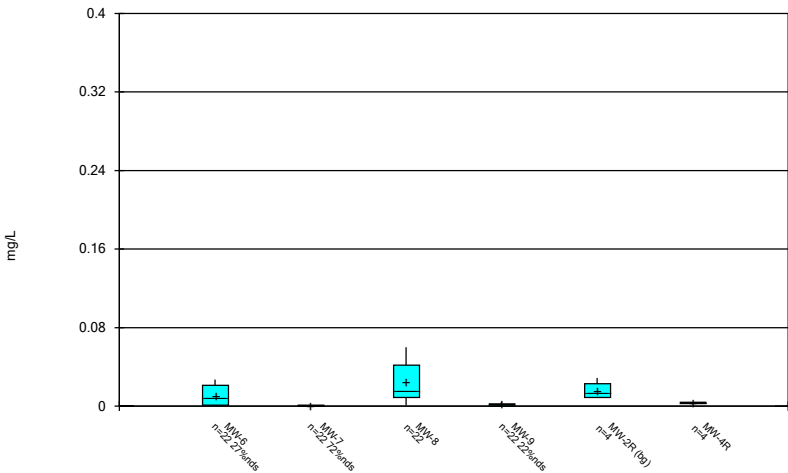
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



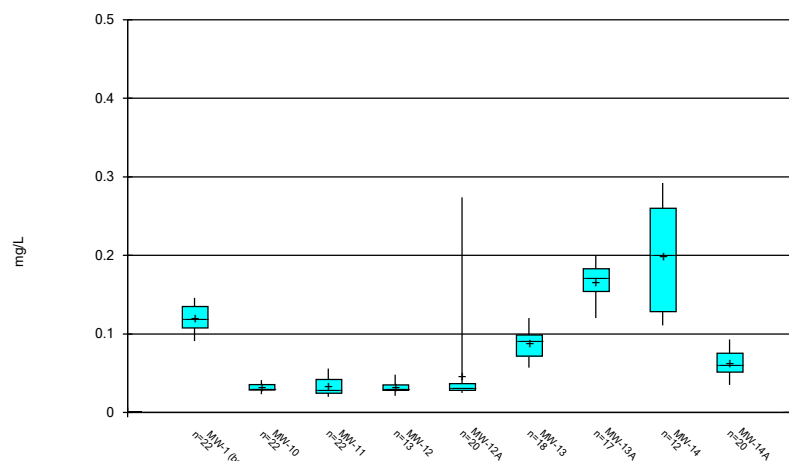
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



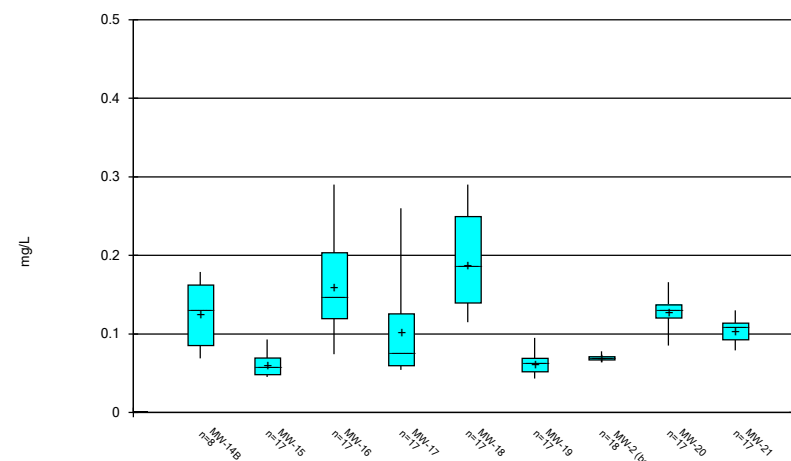
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



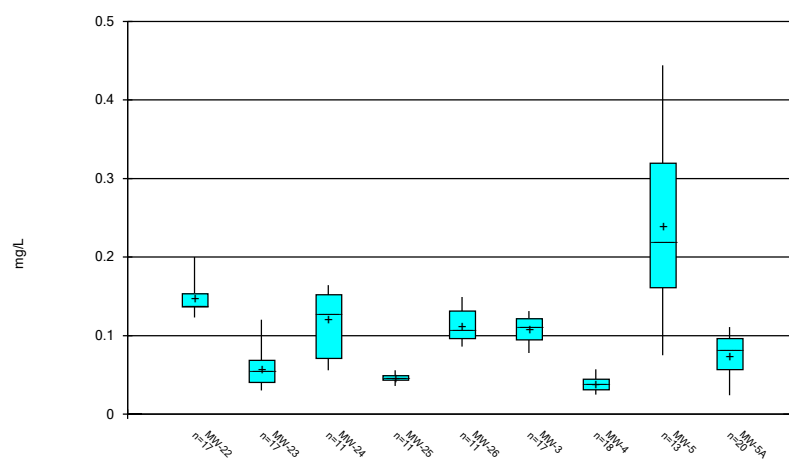
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



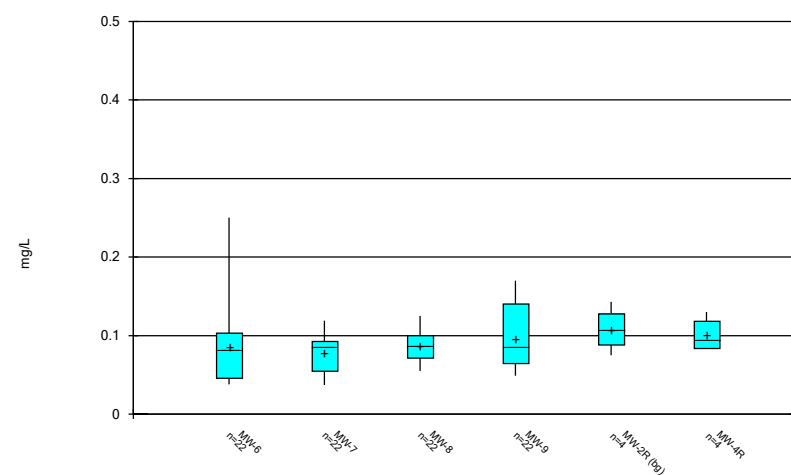
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



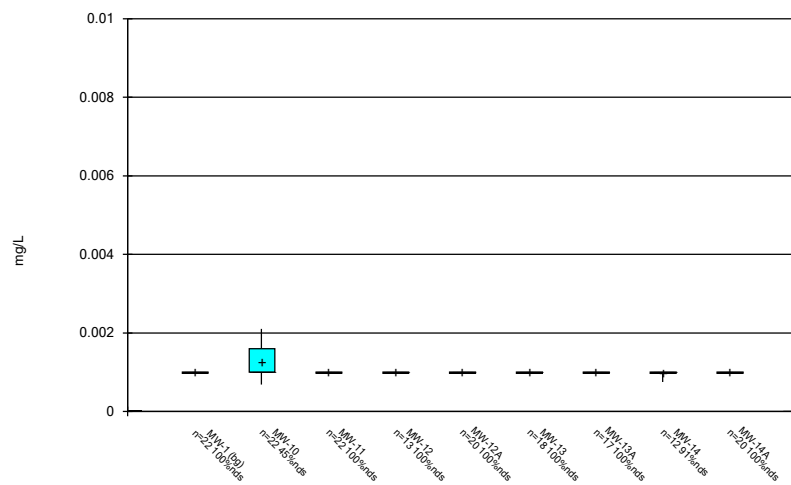
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



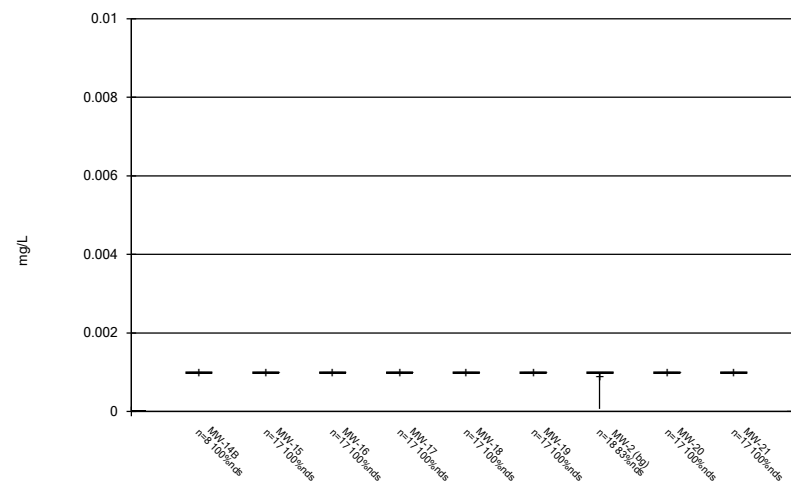
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



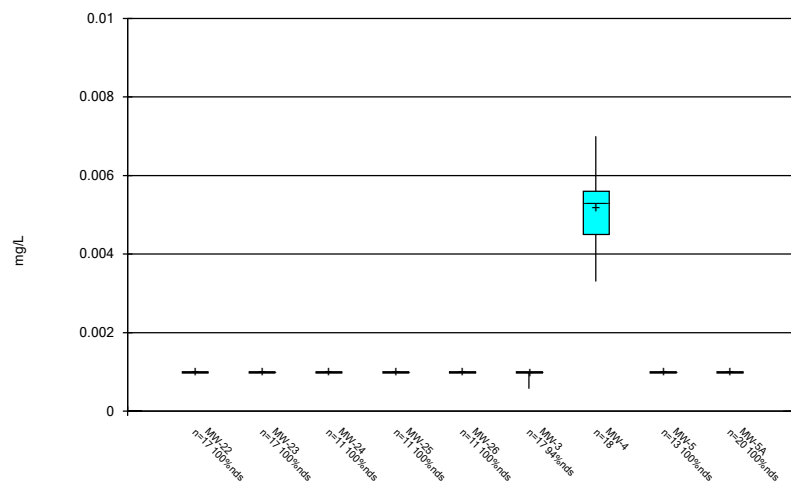
Constituent: Beryllium Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



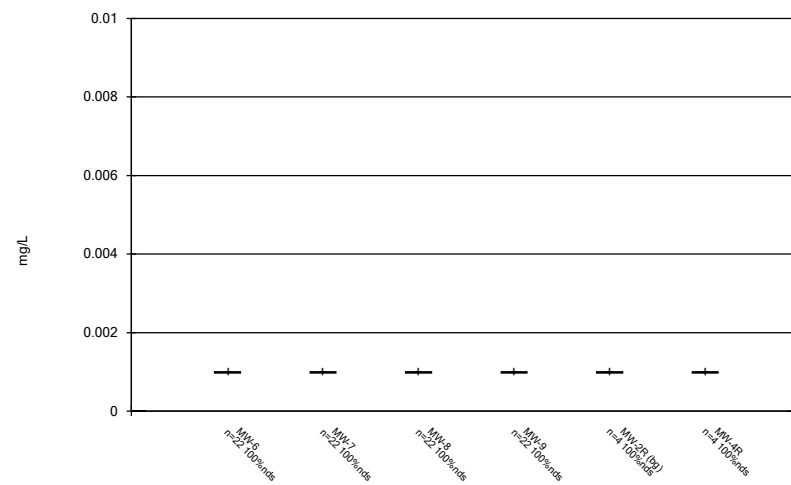
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



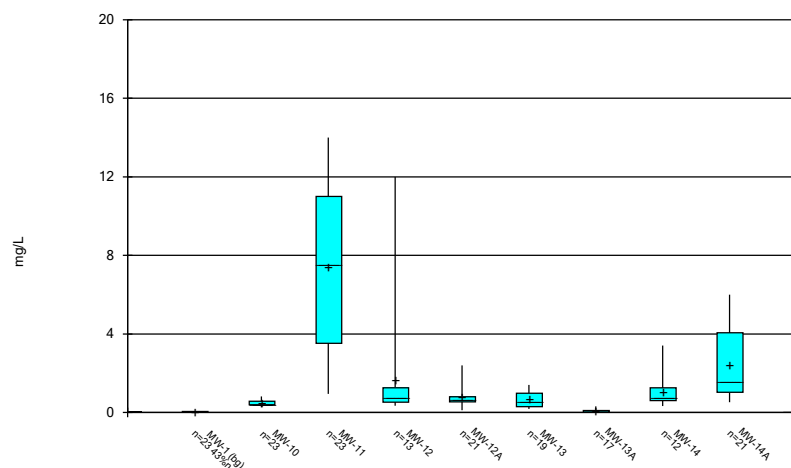
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



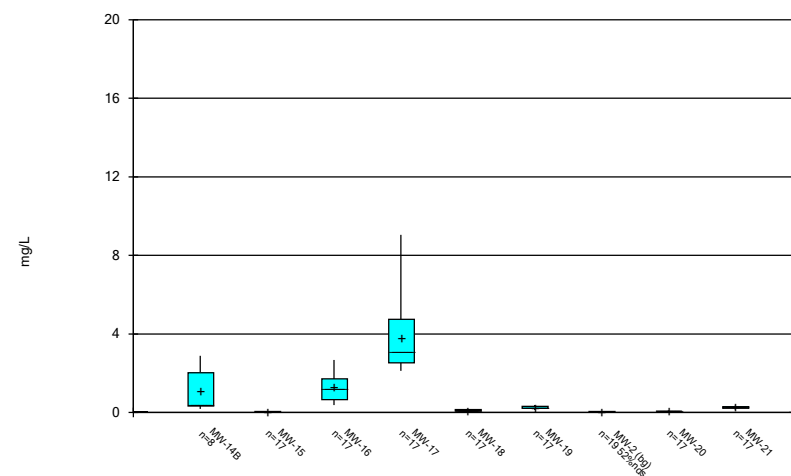
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



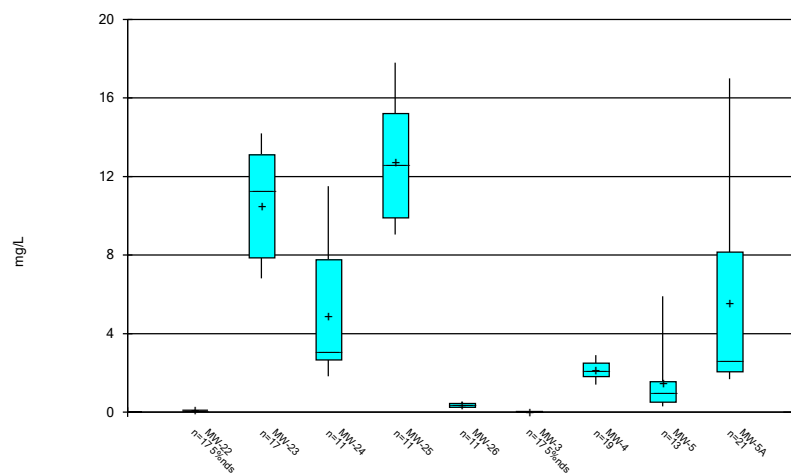
Constituent: Boron, total Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



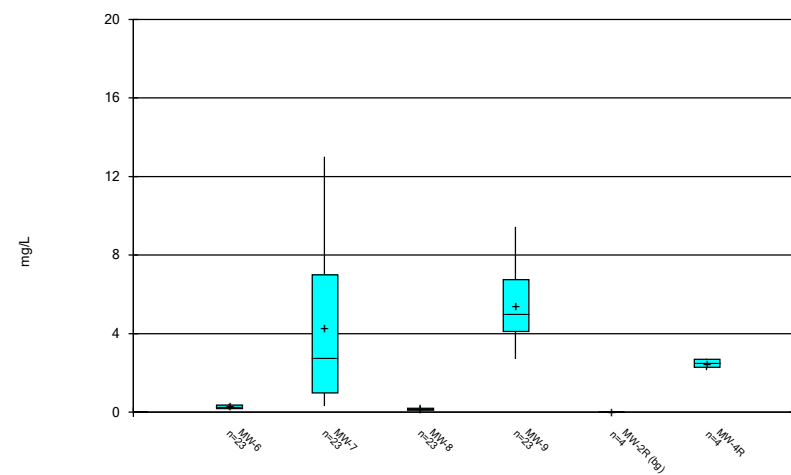
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot

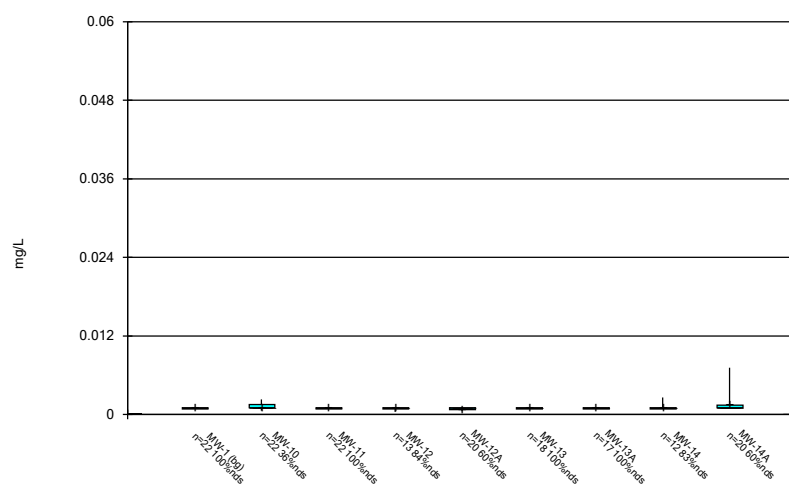


Constituent: Boron, total Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot

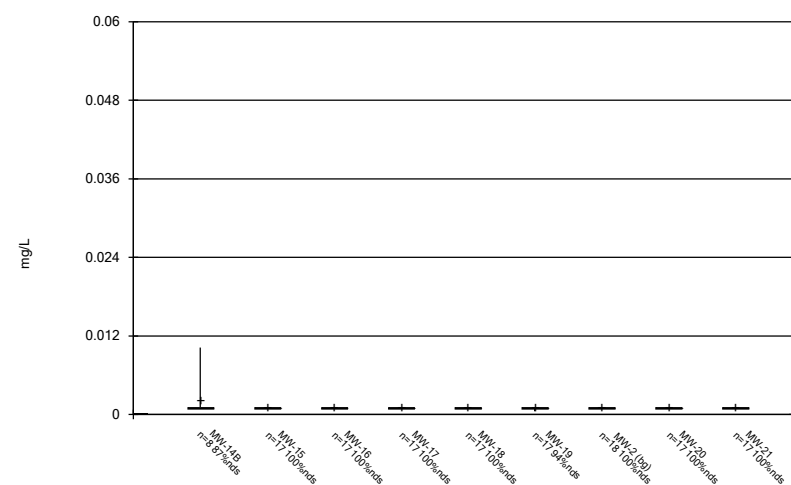


Box & Whiskers Plot



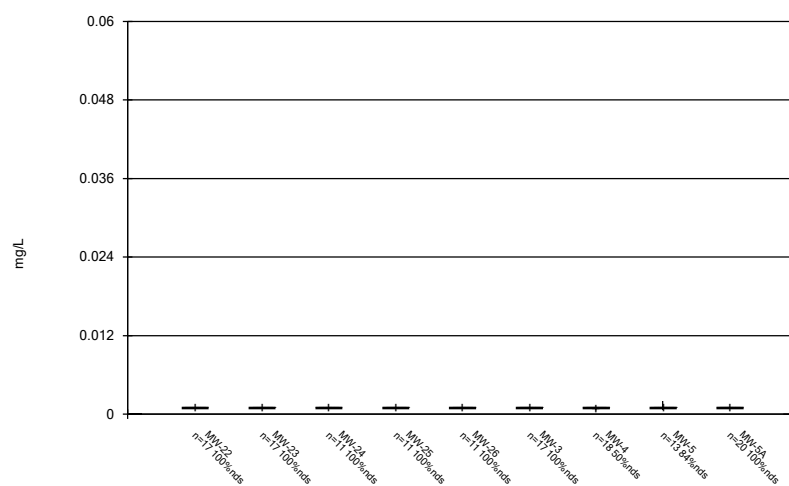
Constituent: Cadmium Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



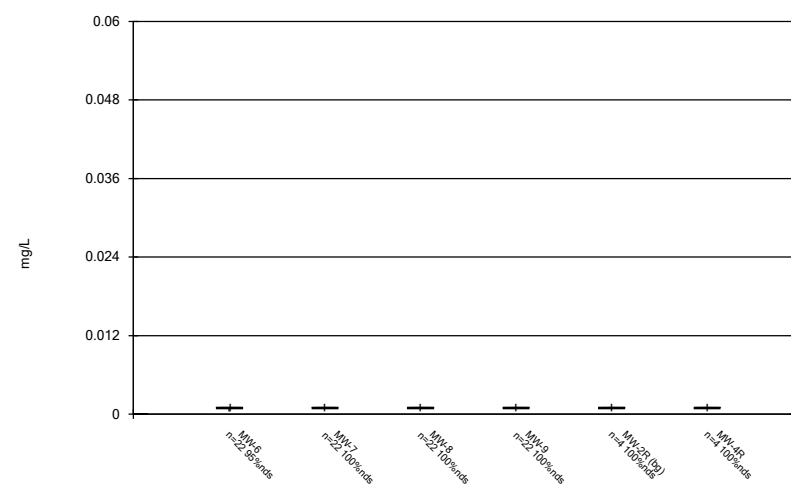
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



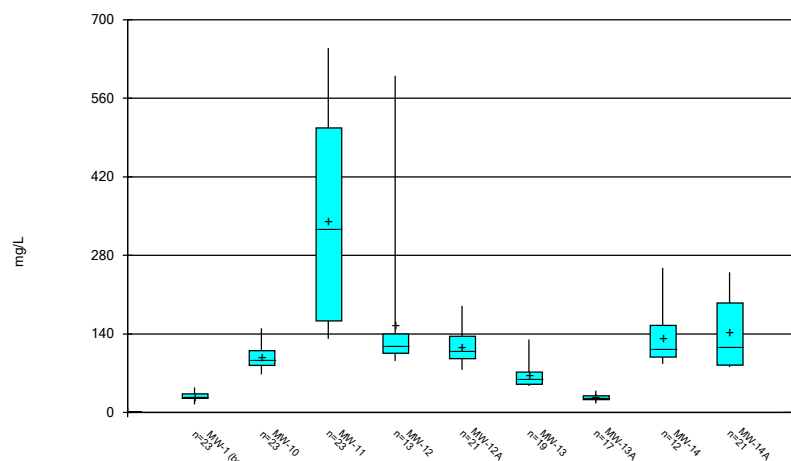
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



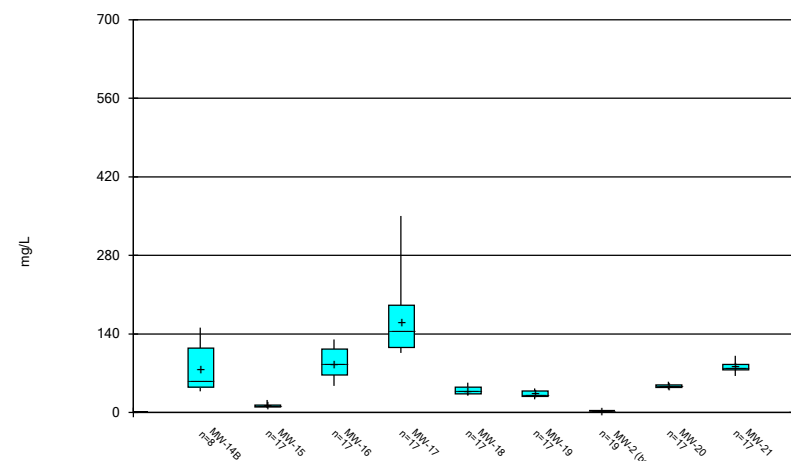
Constituent: Cadmium Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



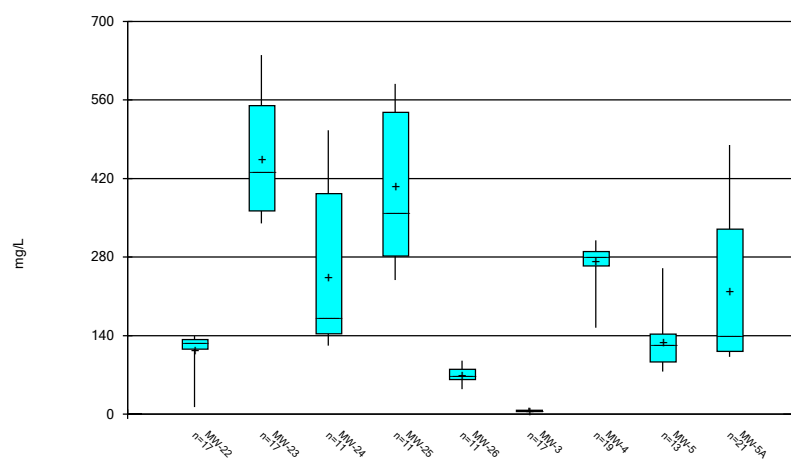
Constituent: Calcium, total Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



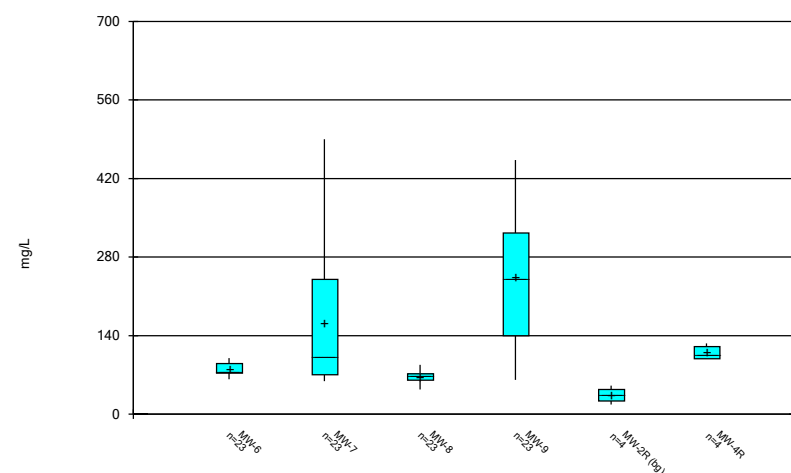
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



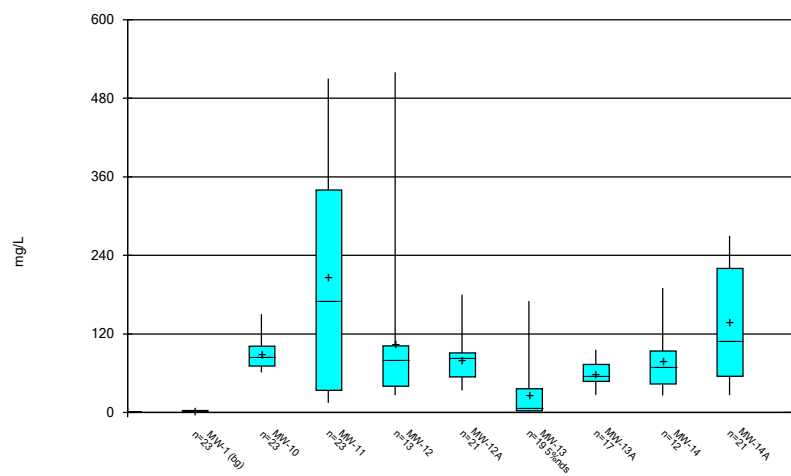
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



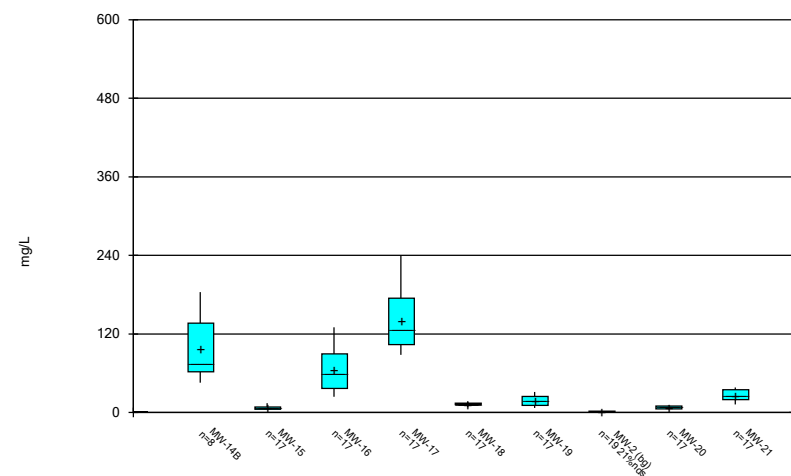
Constituent: Calcium, total Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



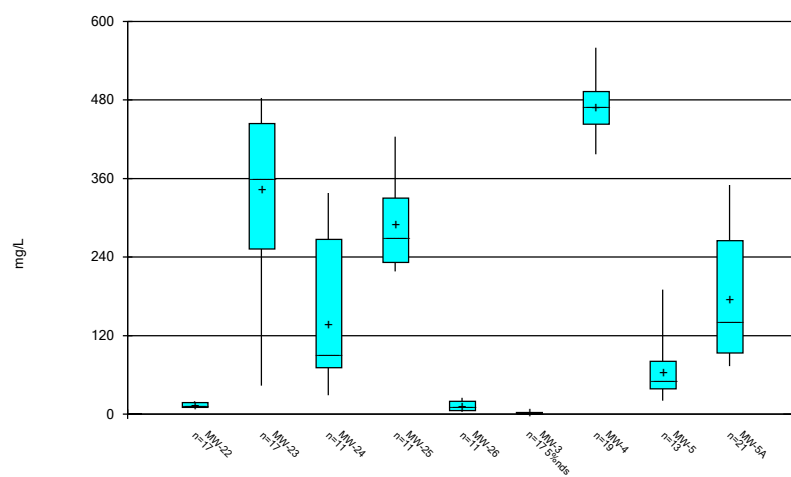
Constituent: Chloride, Total Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



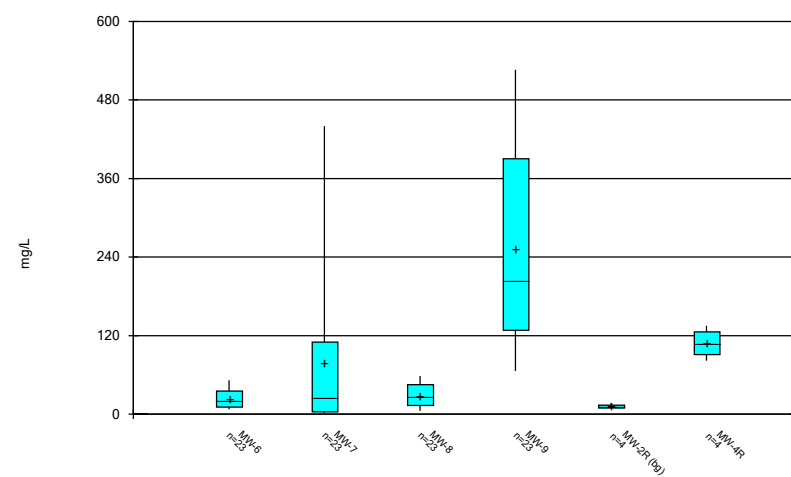
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



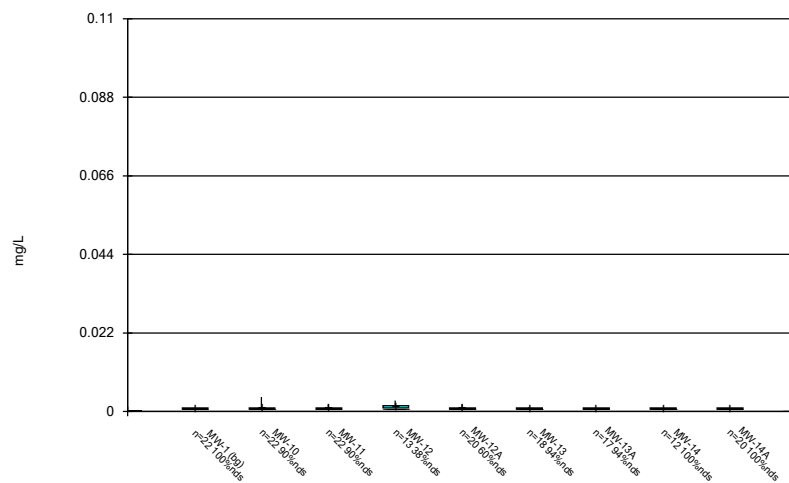
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



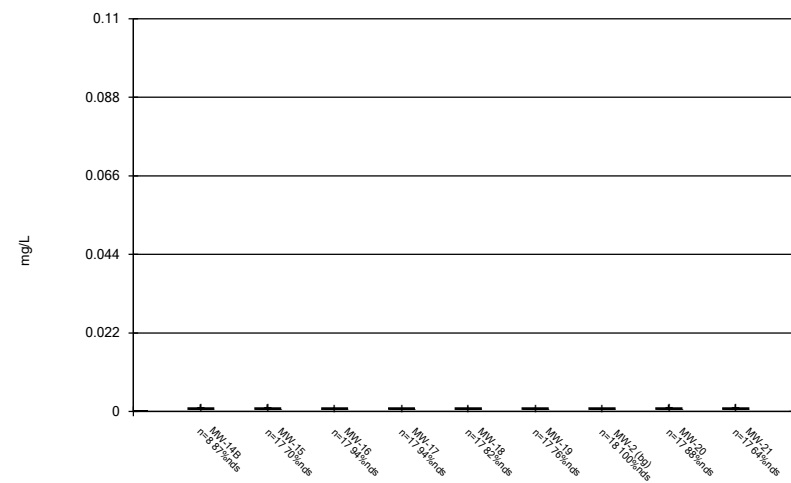
Constituent: Chloride, Total Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



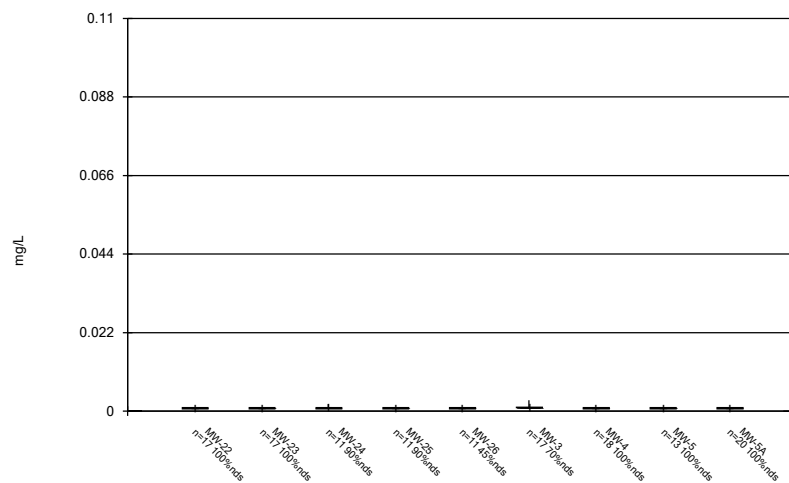
Constituent: Chromium Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



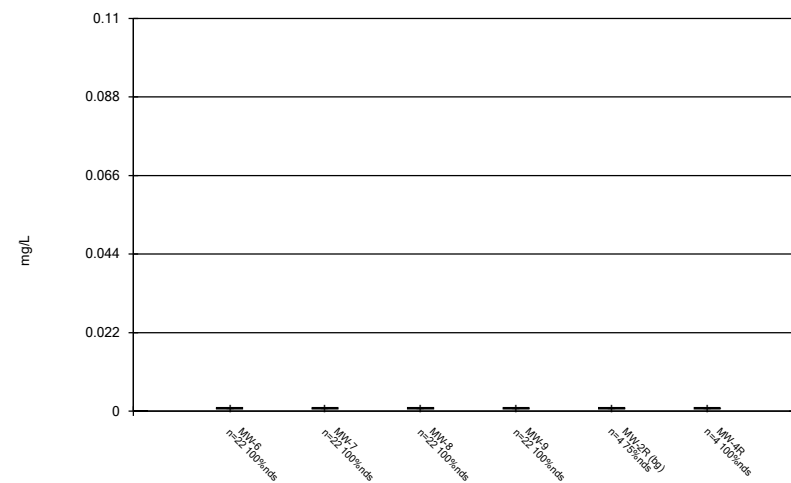
Constituent: Chromium Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



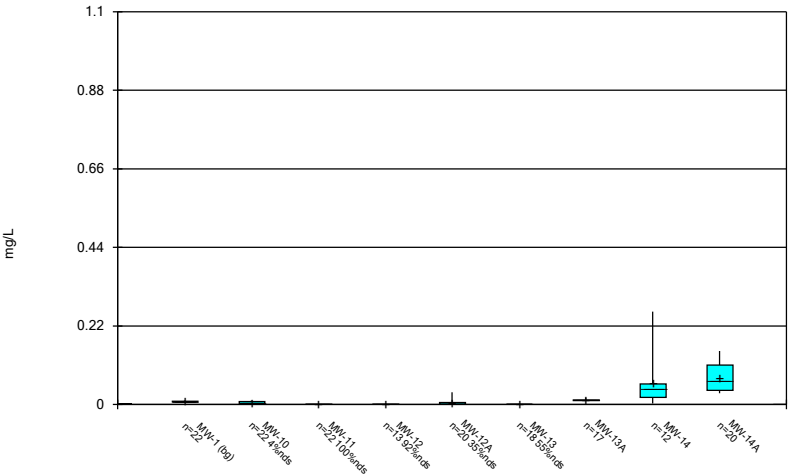
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



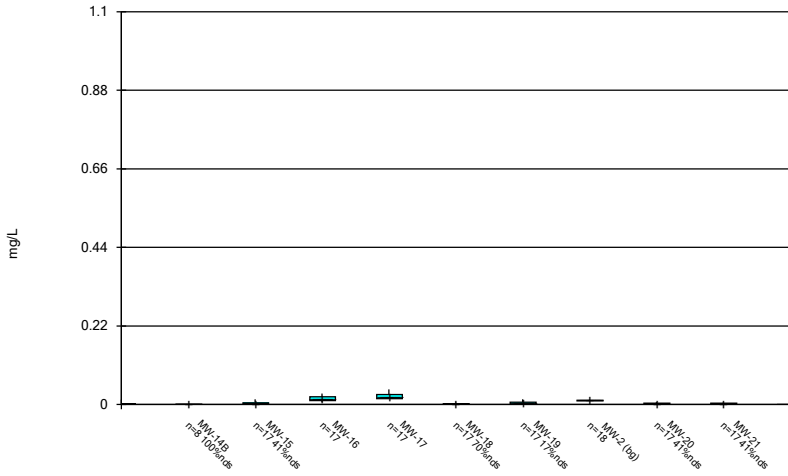
Constituent: Chromium Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



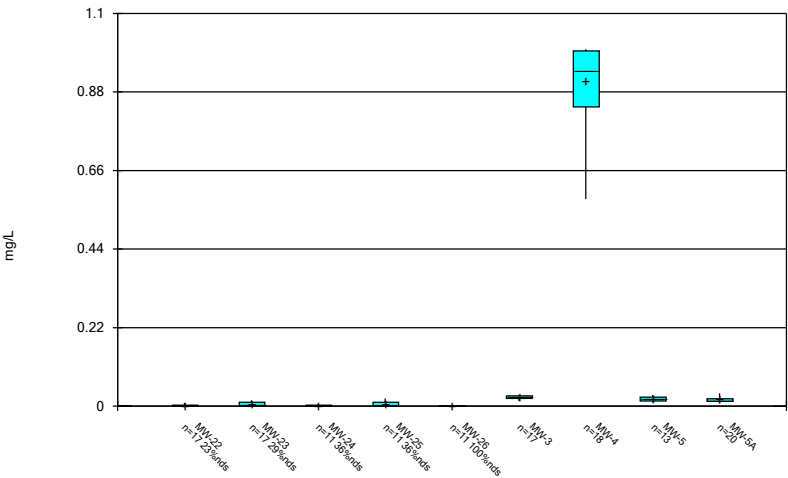
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



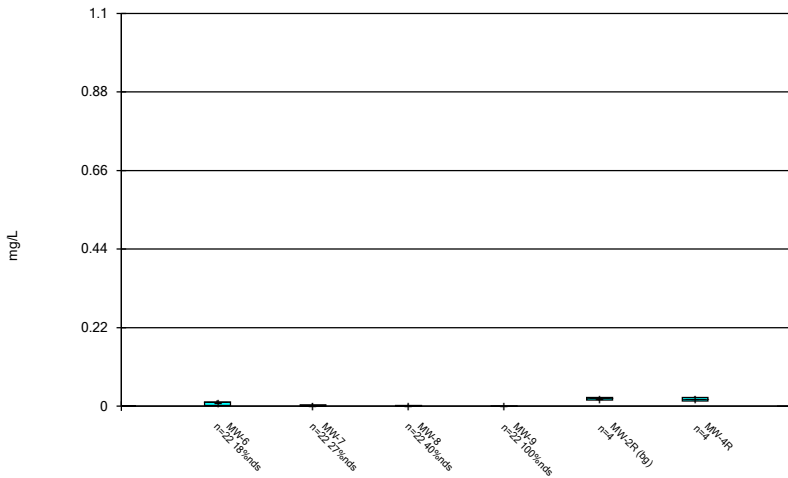
Constituent: Cobalt Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



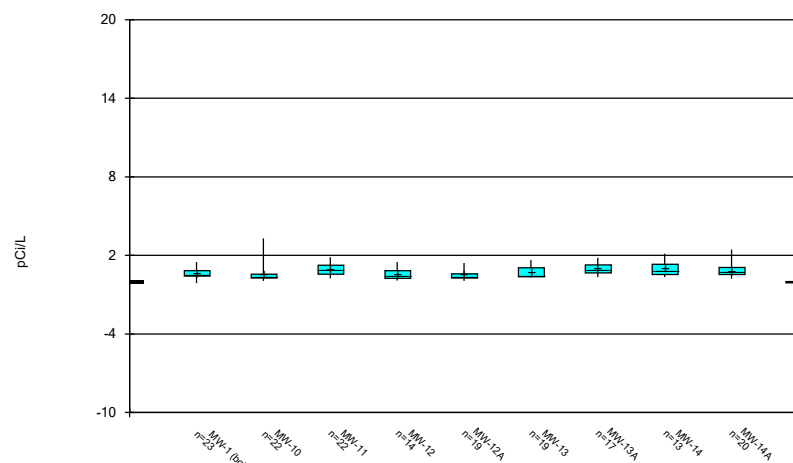
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



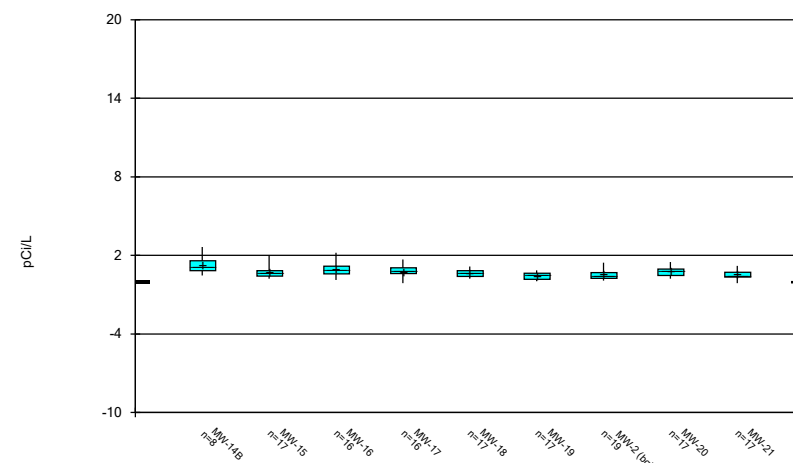
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



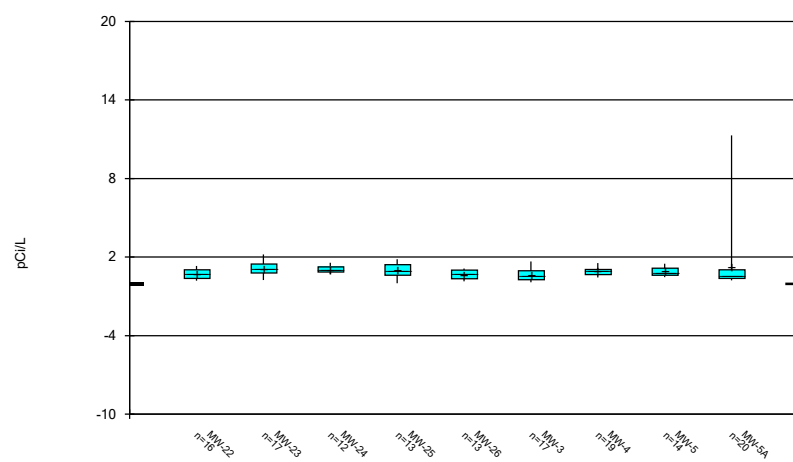
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



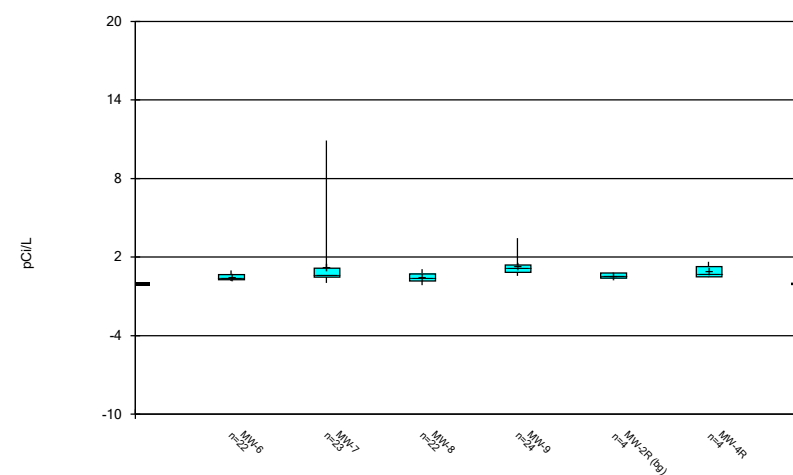
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:11 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



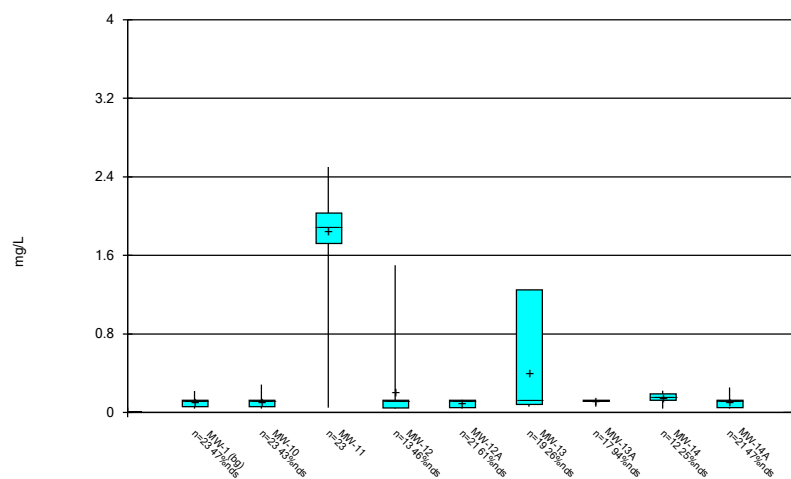
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



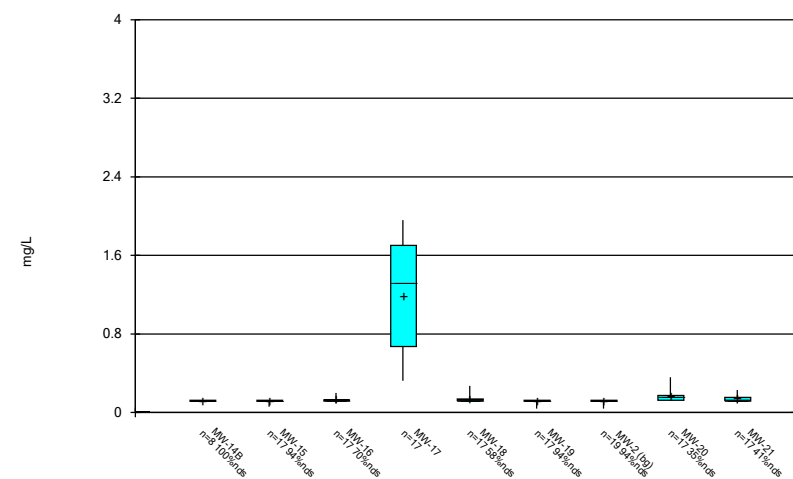
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



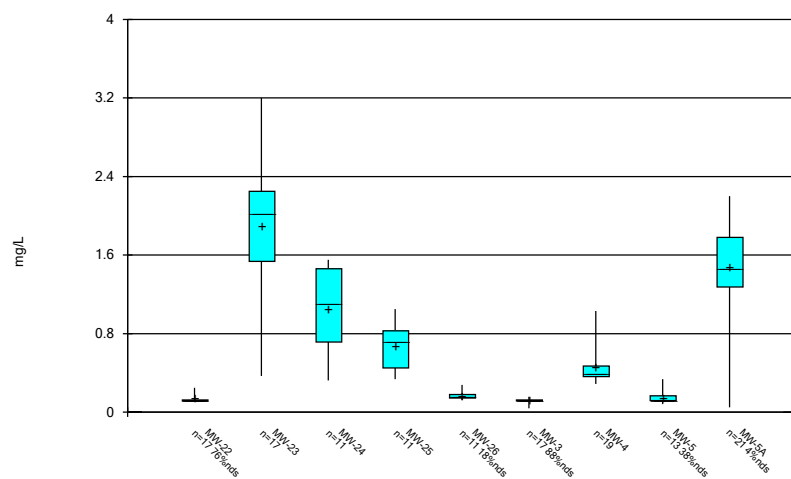
Constituent: Fluoride, total Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



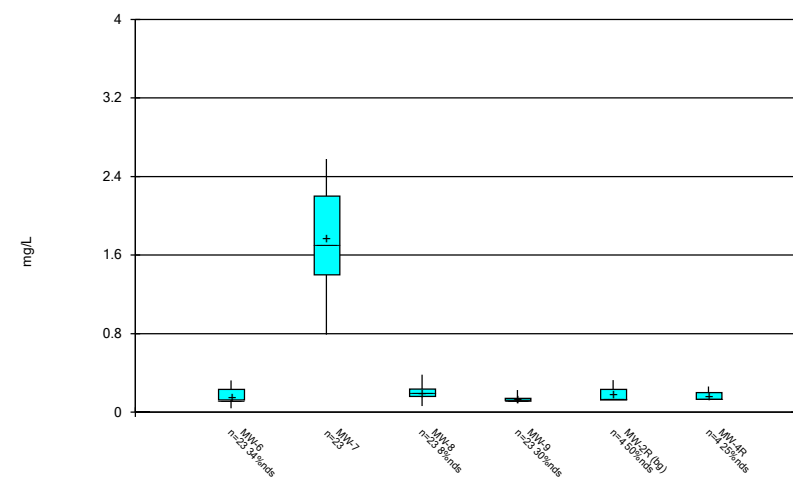
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



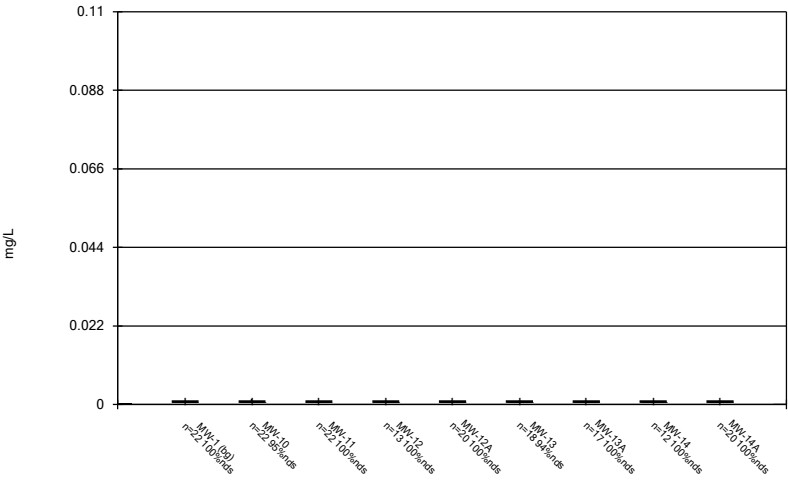
Constituent: Fluoride, total Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



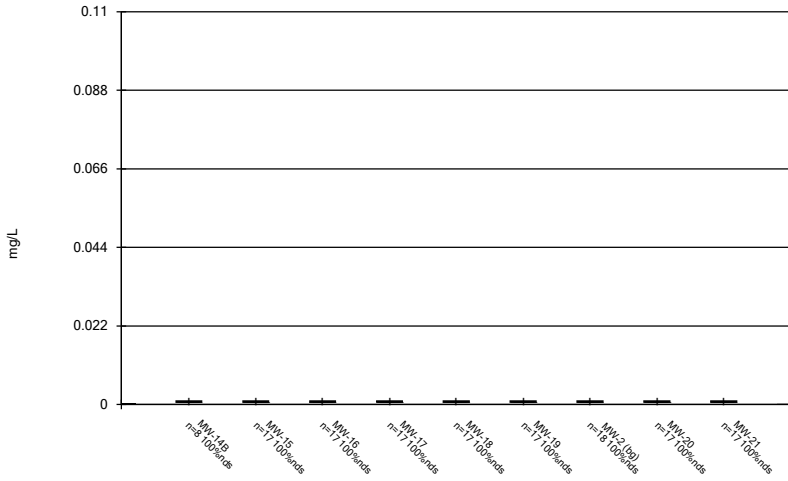
Constituent: Fluoride, total Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



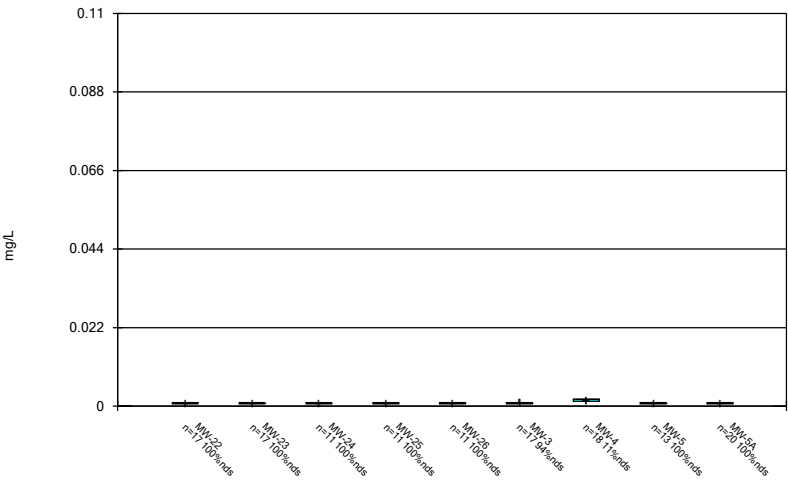
Constituent: Lead Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



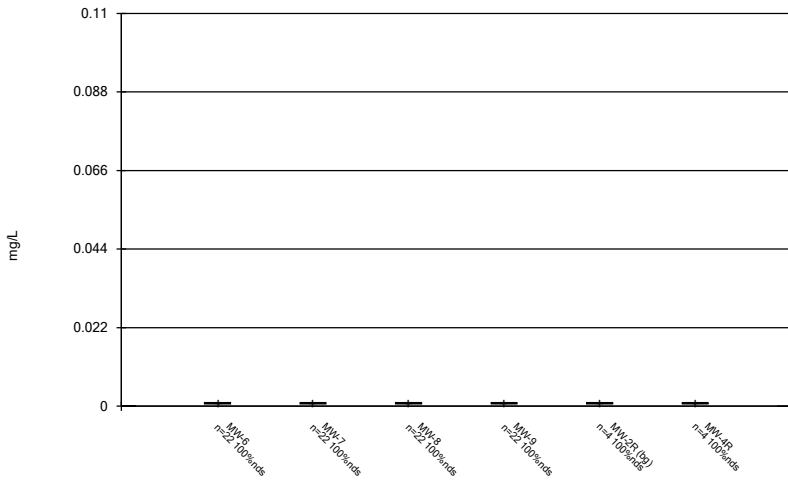
Constituent: Lead Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



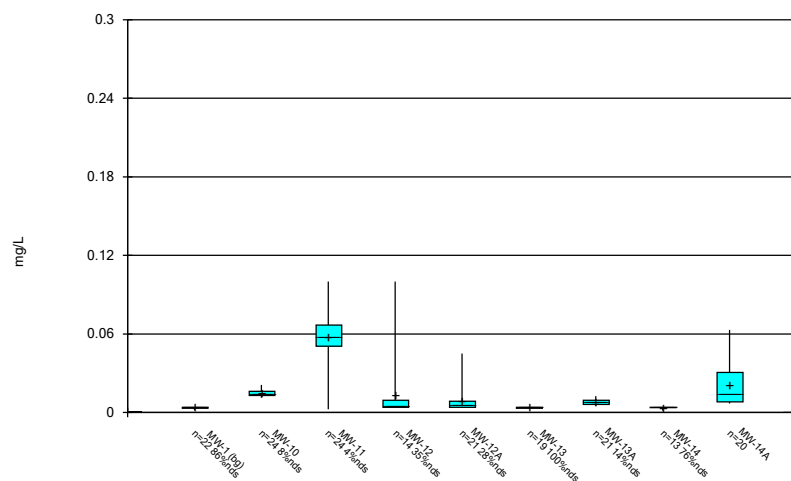
Constituent: Lead Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



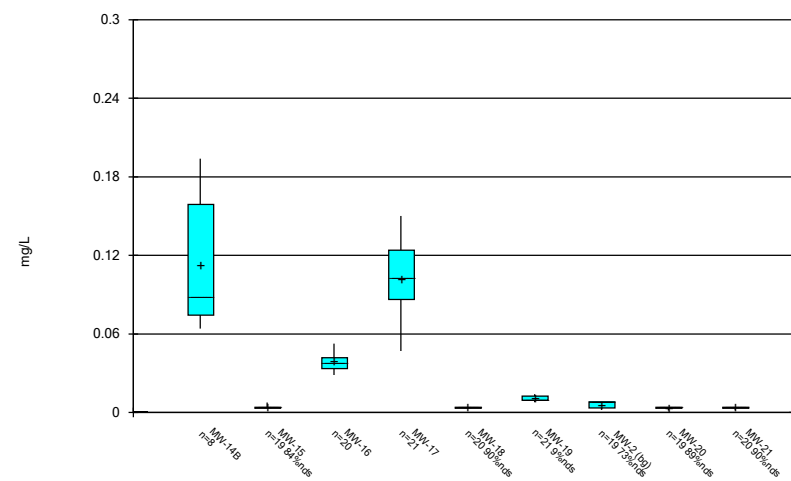
Constituent: Lead Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



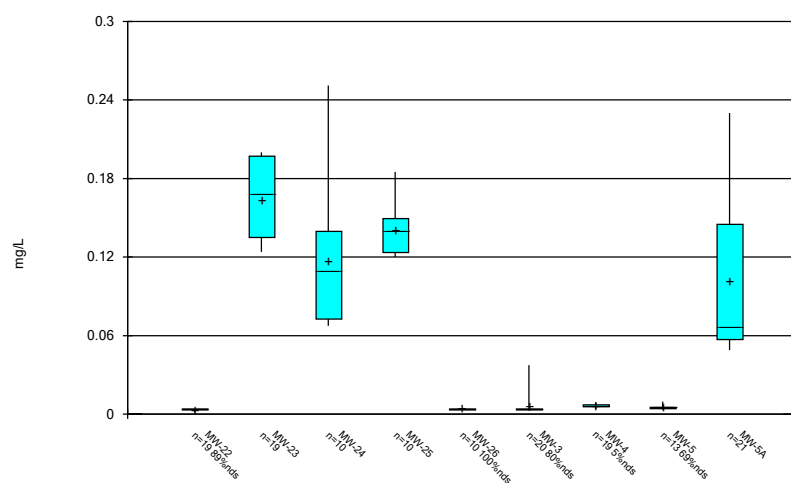
Constituent: Lithium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



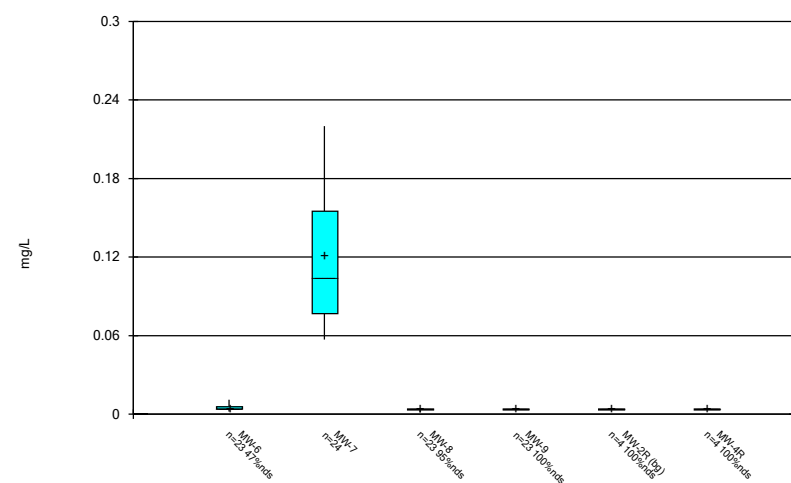
Constituent: Lithium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



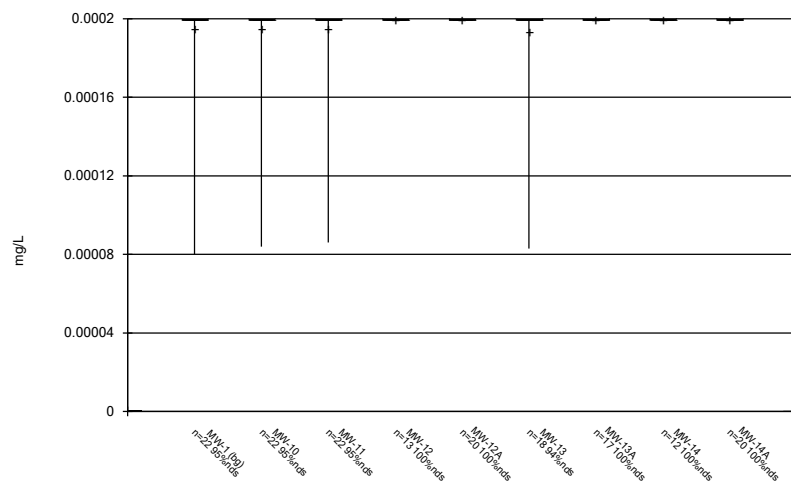
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



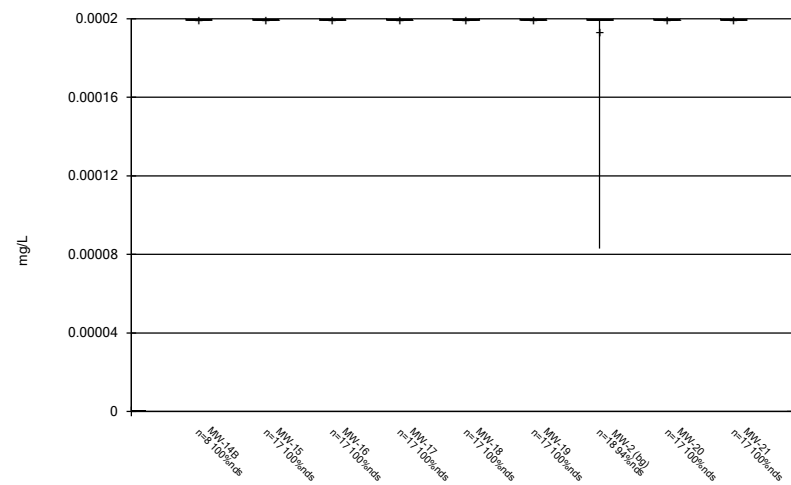
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



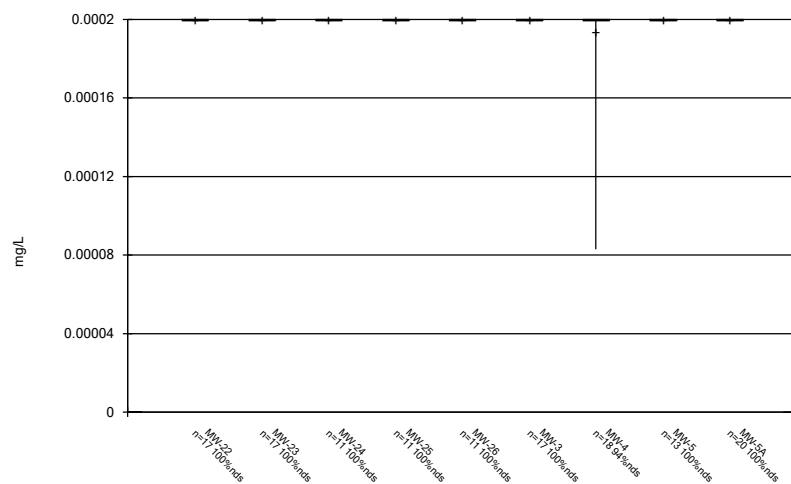
Constituent: Mercury Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



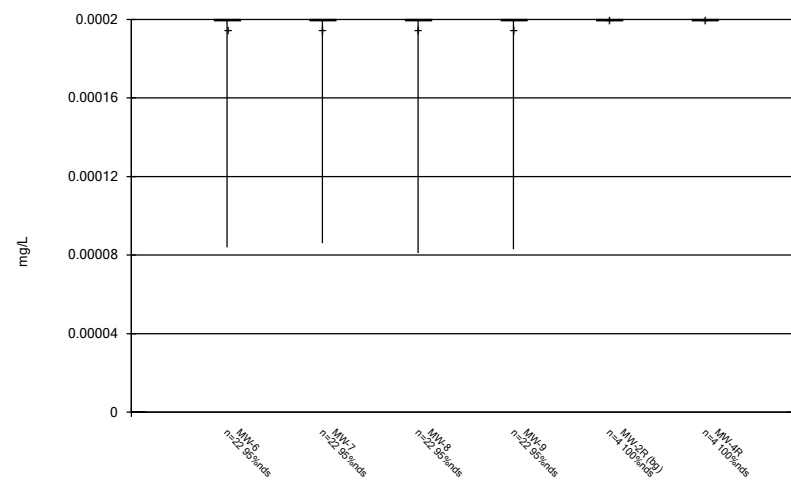
Constituent: Mercury Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



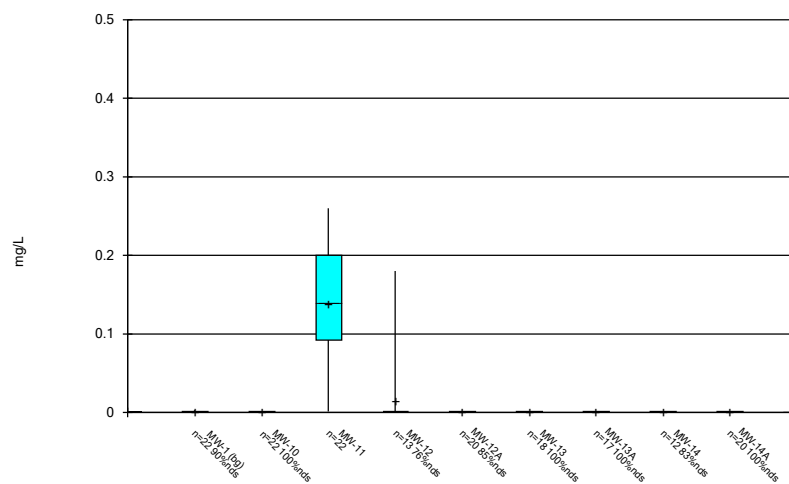
Constituent: Mercury Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



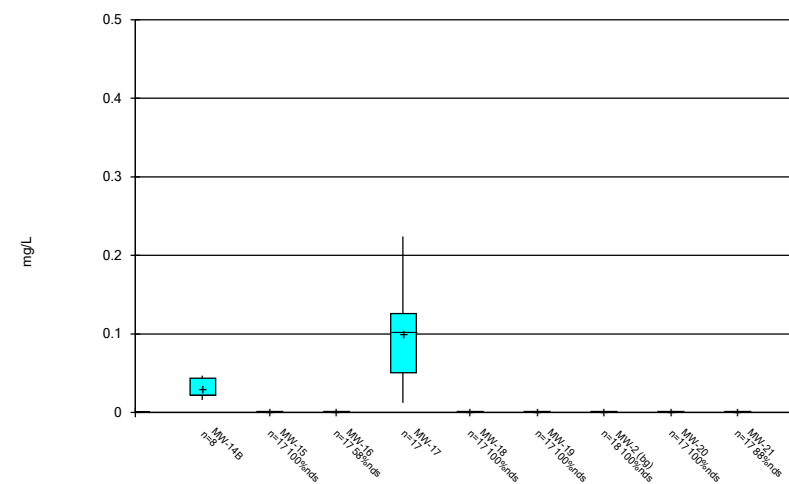
Constituent: Mercury Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



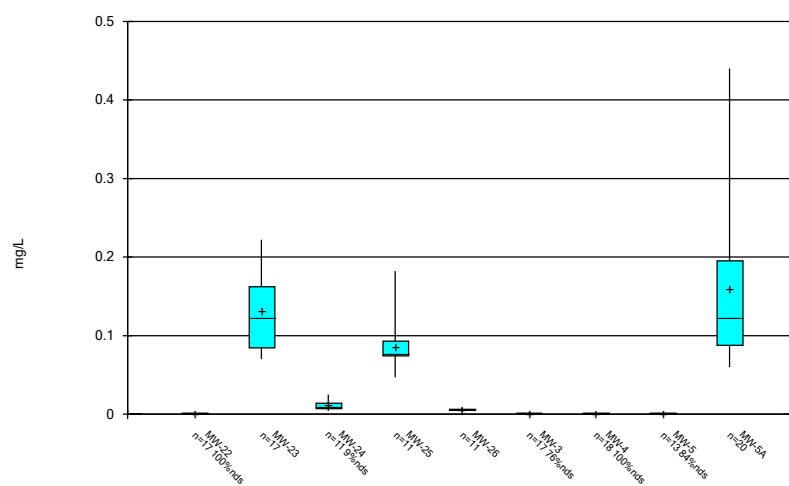
Constituent: Molybdenum Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



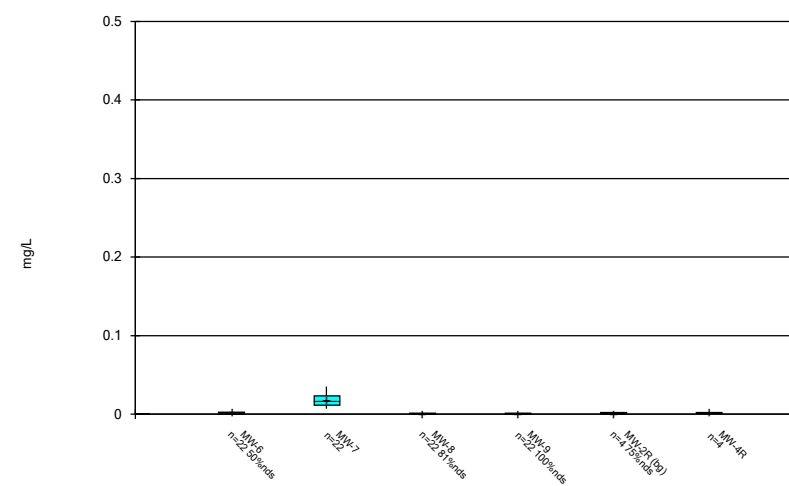
Constituent: Molybdenum Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



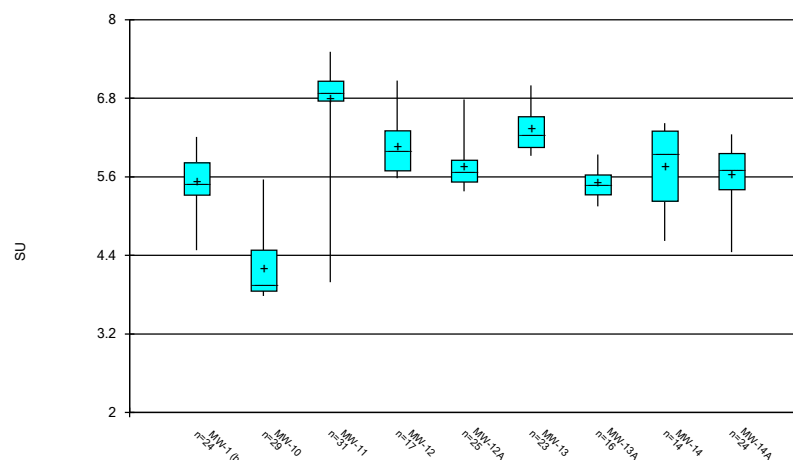
Constituent: Molybdenum Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



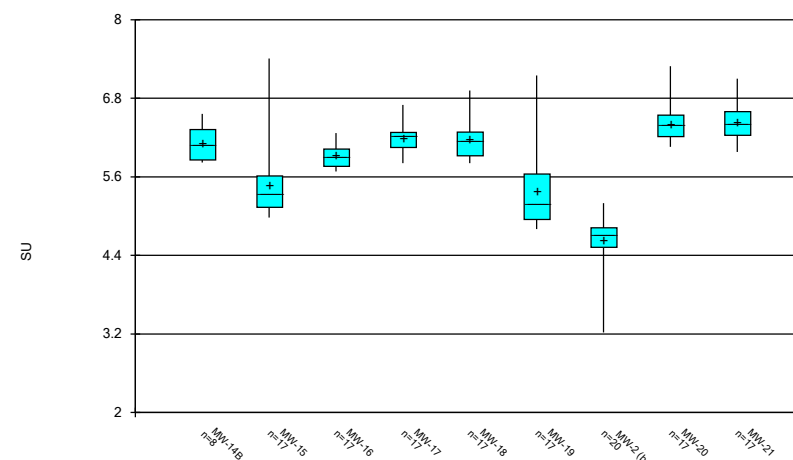
Constituent: Molybdenum Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



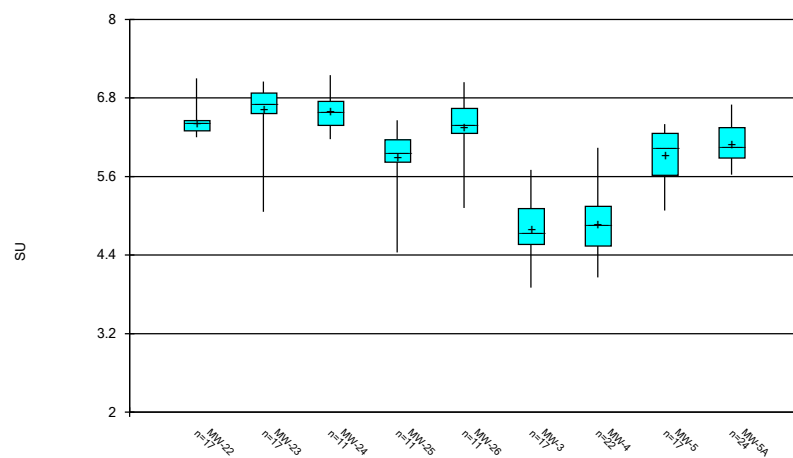
Constituent: pH, Field Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



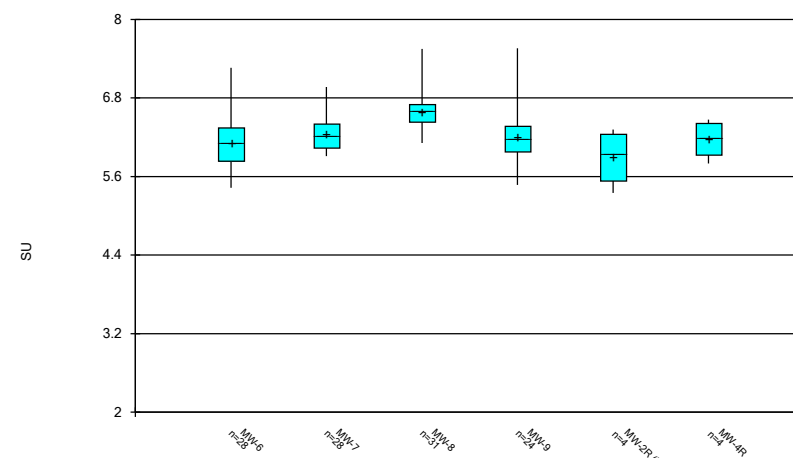
Constituent: pH, Field Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



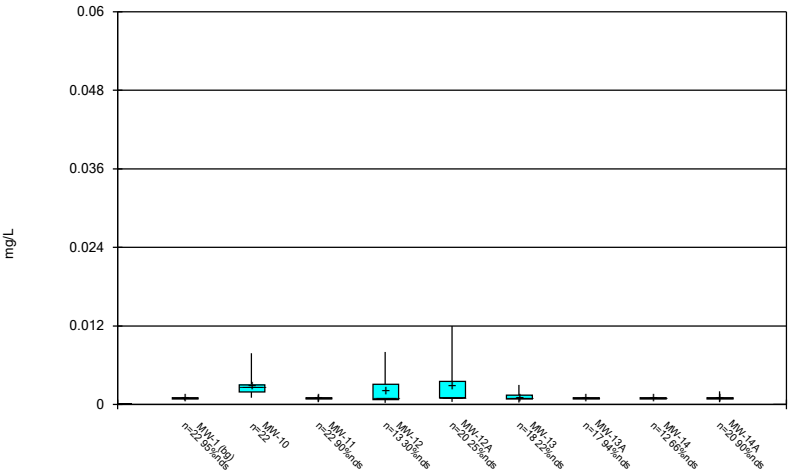
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Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



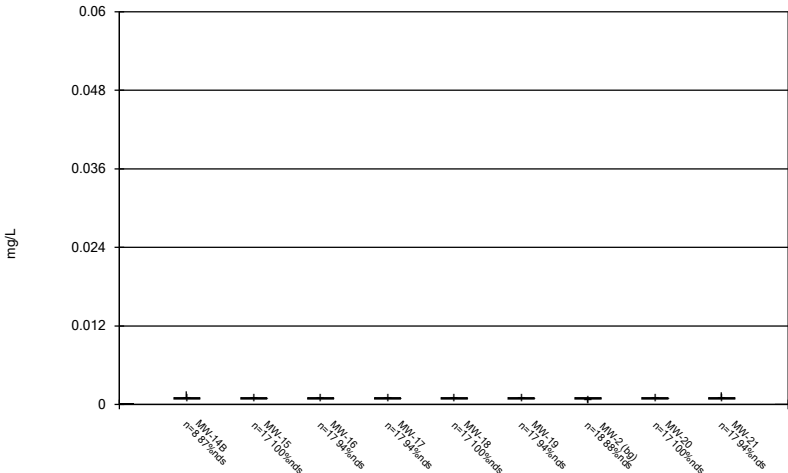
Constituent: pH, Field Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



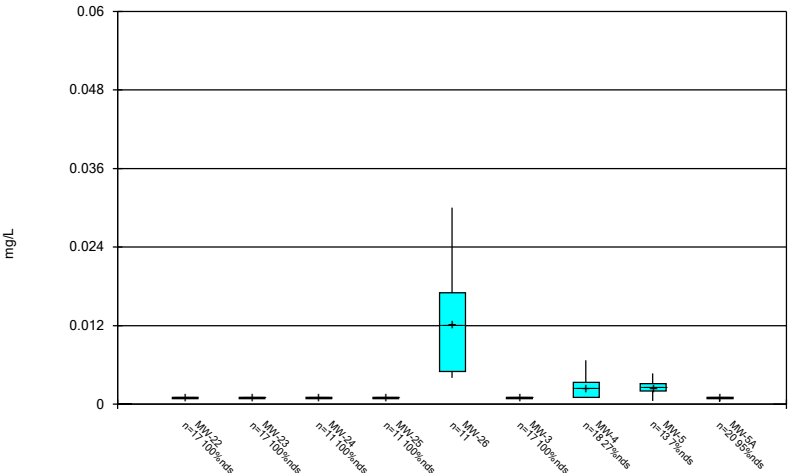
Constituent: Selenium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



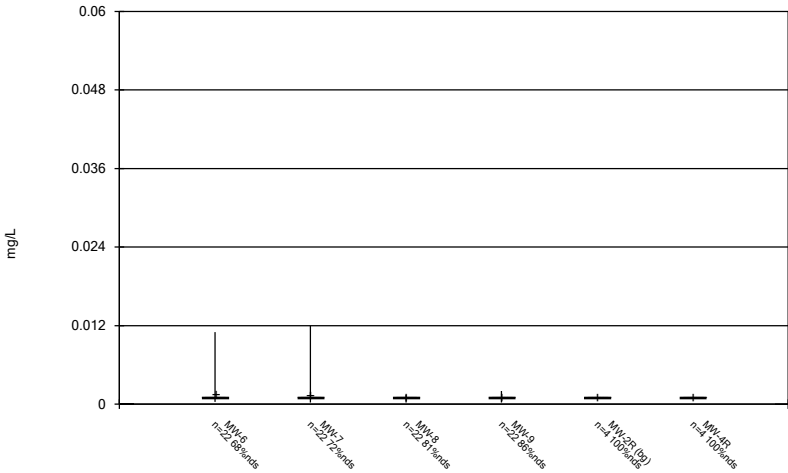
Constituent: Selenium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



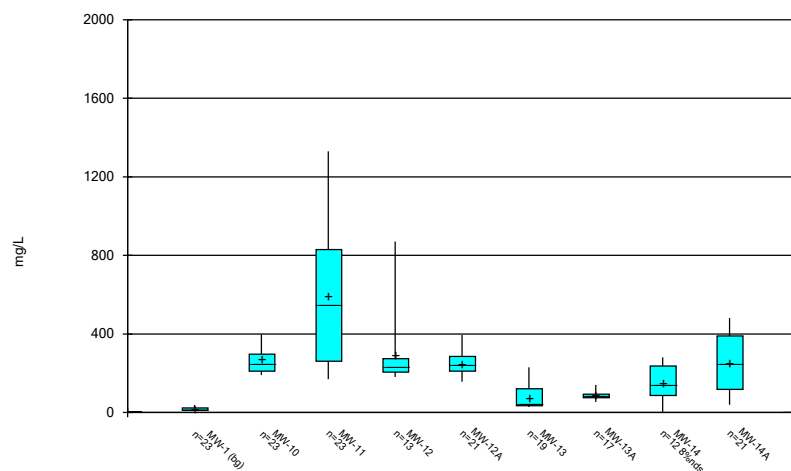
Constituent: Selenium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



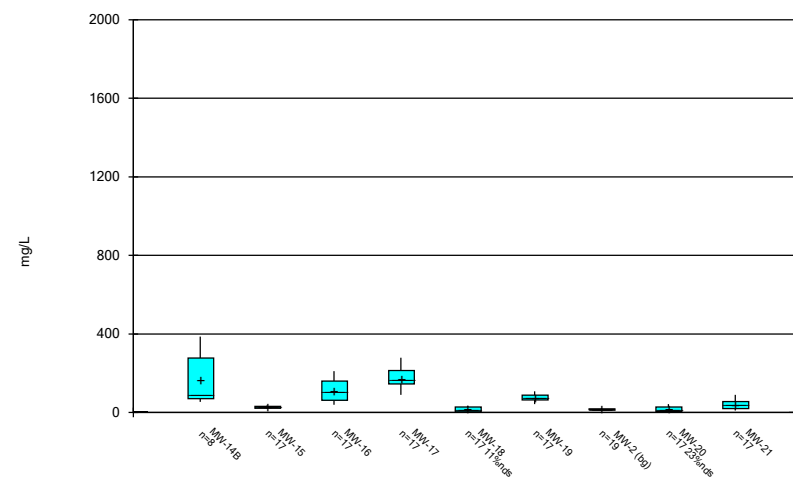
Constituent: Selenium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



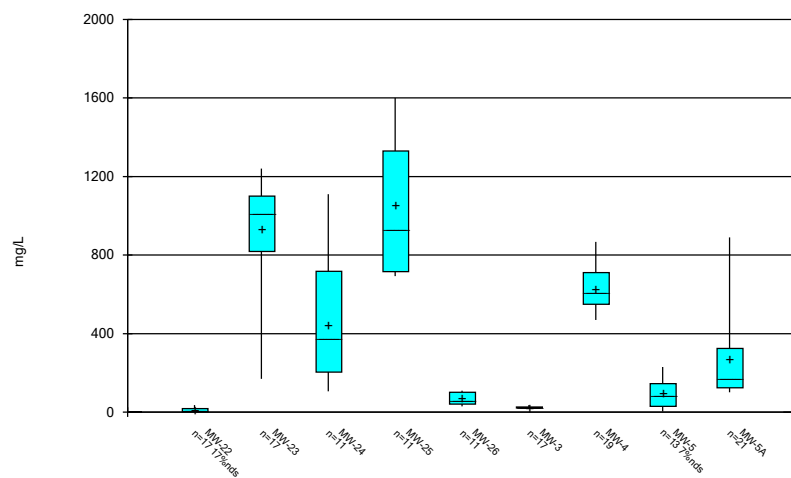
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



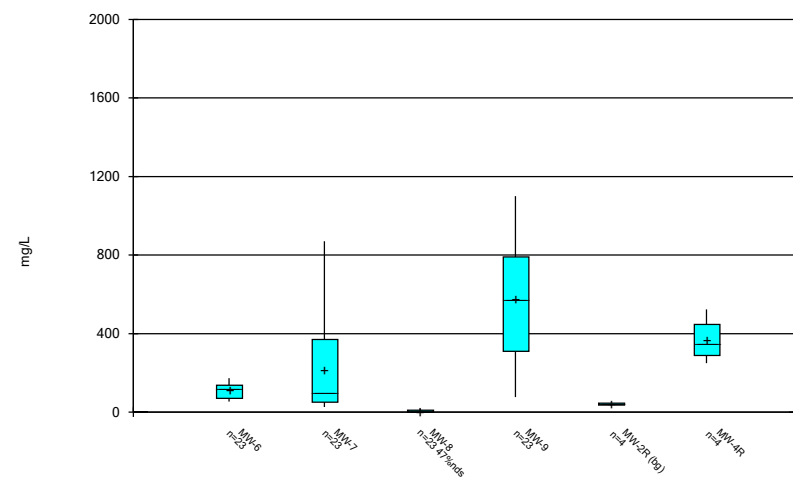
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



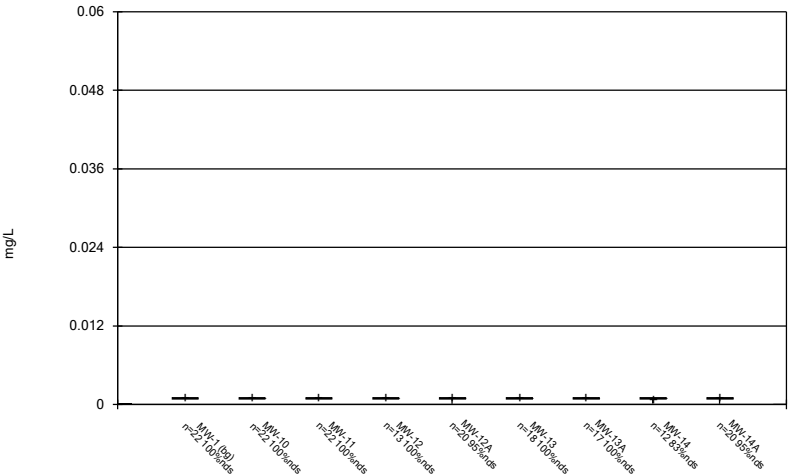
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



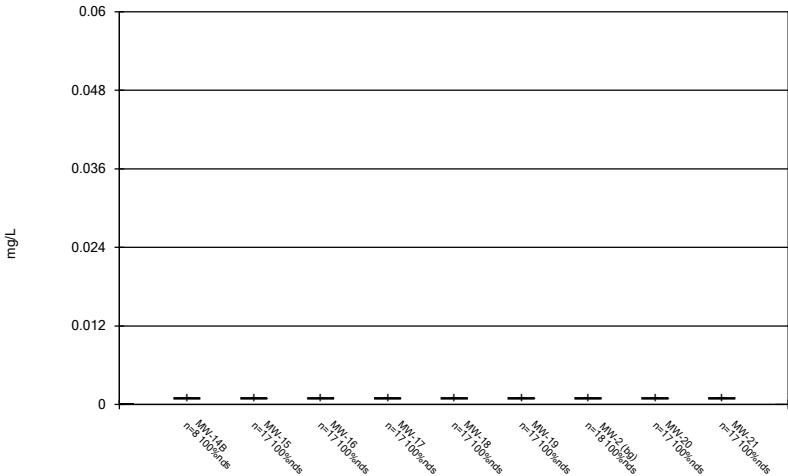
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



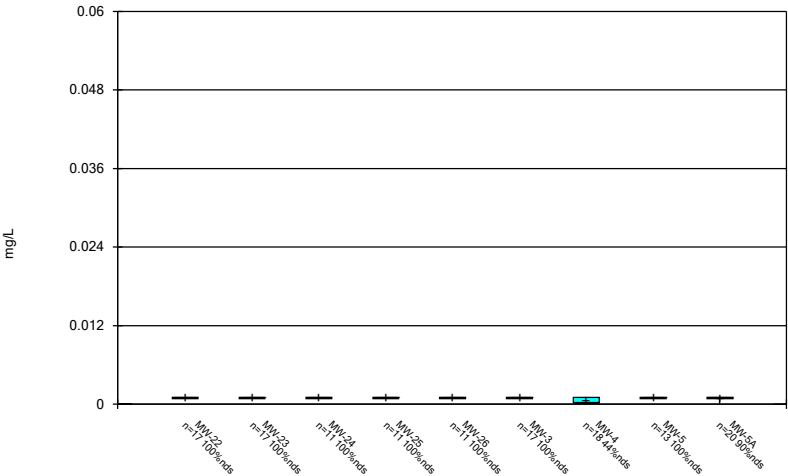
Constituent: Thallium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



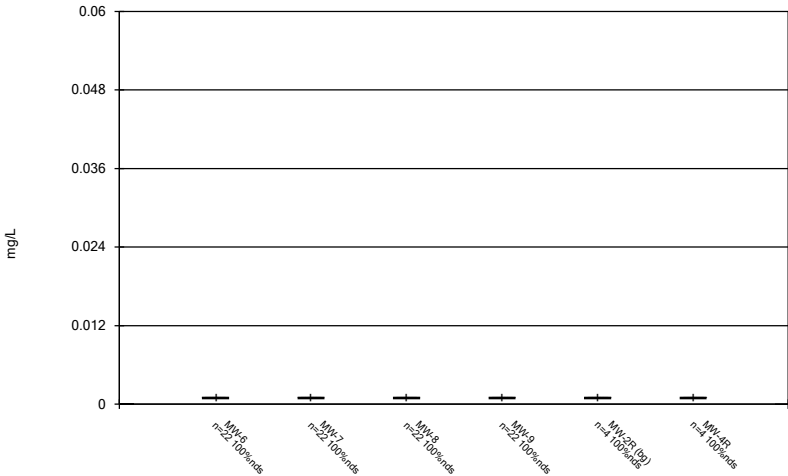
Constituent: Thallium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



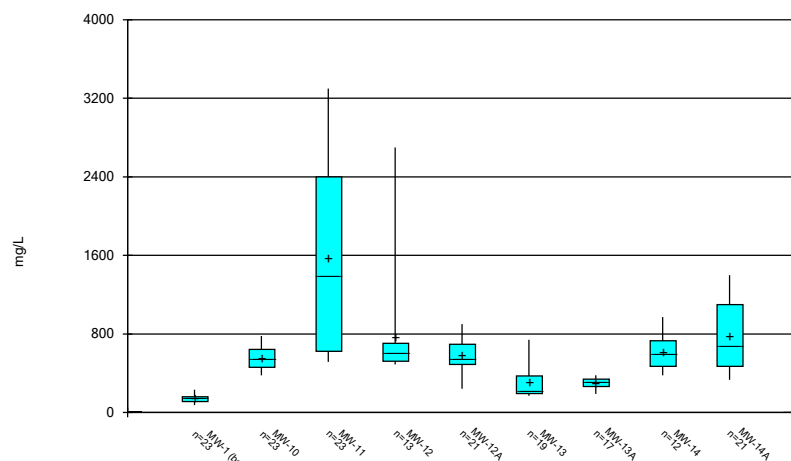
Constituent: Thallium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



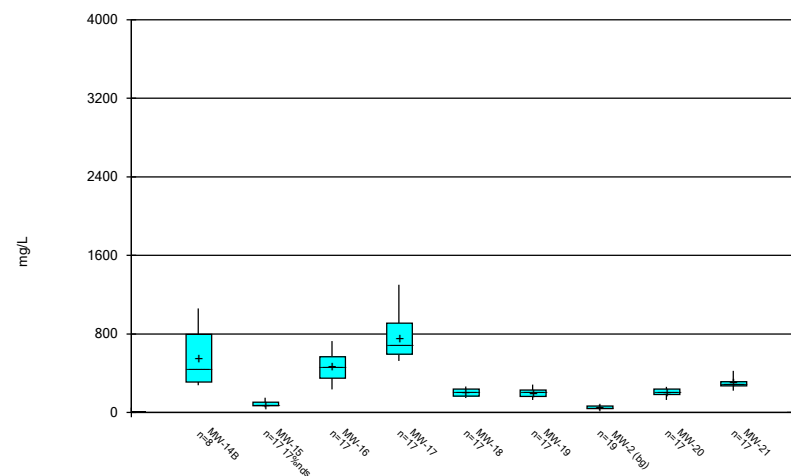
Constituent: Thallium Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



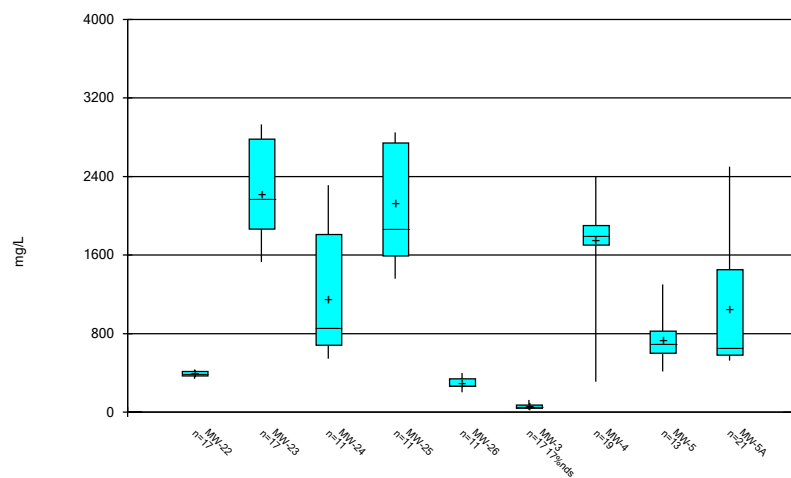
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



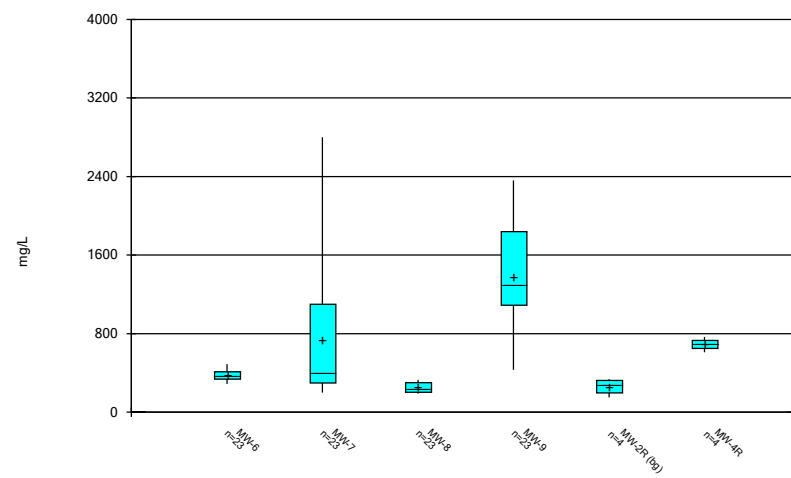
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Box & Whiskers Plot



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:12 AM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

FIGURE C.

Outlier Summary

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:15 AM

No values were flagged as outliers.

FIGURE D.

Appendix III - Interwell Prediction Limits - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	MW-10	0.05	n/a	4/15/2025	0.581	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-11	0.05	n/a	4/16/2025	3.28	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12	0.05	n/a	4/10/2025	0.452	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12A	0.05	n/a	4/10/2025	0.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13	0.05	n/a	4/22/2025	0.269	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13A	0.05	n/a	4/10/2025	0.302	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14	0.05	n/a	4/10/2025	0.705	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14A	0.05	n/a	4/15/2025	0.52	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-16	0.05	n/a	4/11/2025	0.371	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-17	0.05	n/a	4/17/2025	2.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-18	0.05	n/a	4/11/2025	0.068	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-19	0.05	n/a	4/10/2025	0.127	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-20	0.05	n/a	4/15/2025	0.064	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-21	0.05	n/a	4/17/2025	0.207	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-22	0.05	n/a	4/15/2025	0.103	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-23	0.05	n/a	4/21/2025	6.81	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-24	0.05	n/a	4/21/2025	2.08	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-25	0.05	n/a	4/21/2025	9.9	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-26	0.05	n/a	4/21/2025	0.239	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-4	0.05	n/a	4/10/2023	2.04	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5	0.05	n/a	4/10/2025	1.41	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5A	0.05	n/a	4/17/2025	1.8	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-6	0.05	n/a	4/15/2025	0.131	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-7	0.05	n/a	4/15/2025	0.307	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-8	0.05	n/a	4/15/2025	0.226	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-9	0.05	n/a	4/10/2025	4.46	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-10	50.7	n/a	4/15/2025	103	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-11	50.7	n/a	4/16/2025	163	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12	50.7	n/a	4/10/2025	91.8	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12A	50.7	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14	50.7	n/a	4/10/2025	86.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14A	50.7	n/a	4/15/2025	82.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-17	50.7	n/a	4/17/2025	112	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-20	50.7	n/a	4/15/2025	52	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-21	50.7	n/a	4/17/2025	80.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-22	50.7	n/a	4/15/2025	127	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-23	50.7	n/a	4/21/2025	353	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-24	50.7	n/a	4/21/2025	143	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-25	50.7	n/a	4/21/2025	360	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-26	50.7	n/a	4/21/2025	64	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-4	50.7	n/a	4/10/2023	210	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5	50.7	n/a	4/10/2025	93.3	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5A	50.7	n/a	4/17/2025	113	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-6	50.7	n/a	4/15/2025	73.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-7	50.7	n/a	4/15/2025	60.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-8	50.7	n/a	4/15/2025	56.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-9	50.7	n/a	4/10/2025	241	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-10	16.7	n/a	4/15/2025	80.3	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-11	16.7	n/a	4/16/2025	20.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12	16.7	n/a	4/10/2025	32.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12A	16.7	n/a	4/10/2025	33.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-13A	16.7	n/a	4/10/2025	95.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14	16.7	n/a	4/10/2025	34.1	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14A	16.7	n/a	4/15/2025	26.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-16	16.7	n/a	4/11/2025	23.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-17	16.7	n/a	4/17/2025	87.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-21	16.7	n/a	4/17/2025	17.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-23	16.7	n/a	4/21/2025	218	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-24	16.7	n/a	4/21/2025	70.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-25	16.7	n/a	4/21/2025	253	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-4	16.7	n/a	4/10/2023	397	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5	16.7	n/a	4/10/2025	54.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5A	16.7	n/a	4/17/2025	96.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-8	16.7	n/a	4/15/2025	26.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-9	16.7	n/a	4/10/2025	79.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	MW-11	0.325	n/a	4/16/2025	1.72	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-17	0.325	n/a	4/17/2025	1.78	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-23	0.325	n/a	4/21/2025	1.88	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2

Appendix III - Interwell Prediction Limits - Significant Results

Page 2

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:32 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride, total (mg/L)	MW-24	0.325	n/a	4/21/2025	1.46	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-25	0.325	n/a	4/21/2025	0.828	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-4	0.325	n/a	4/10/2023	0.4	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-5A	0.325	n/a	4/17/2025	1.45	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-7	0.325	n/a	4/15/2025	1.51	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
pH, Field (SU)	MW-11	6.624	3.743	4/16/2025	7.07	Yes	48	5.184	0.6278	0	None	No	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-23	6.624	3.743	4/21/2025	7.05	Yes	48	5.184	0.6278	0	None	No	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-8	6.624	3.743	4/15/2025	6.93	Yes	48	5.184	0.6278	0	None	No	No	0.0001344	Param Inter 1 of 2
Sulfate as SO4 (mg/L)	MW-10	46.2	n/a	4/15/2025	291	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-11	46.2	n/a	4/16/2025	221	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-12	46.2	n/a	4/10/2025	200	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-12A	46.2	n/a	4/10/2025	184	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-13A	46.2	n/a	4/10/2025	121	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-14	46.2	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-17	46.2	n/a	4/17/2025	126	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-21	46.2	n/a	4/17/2025	58.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-23	46.2	n/a	4/21/2025	755	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-24	46.2	n/a	4/21/2025	186	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-25	46.2	n/a	4/21/2025	905	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-26	46.2	n/a	4/21/2025	59.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-4	46.2	n/a	4/10/2023	678	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-5	46.2	n/a	4/10/2025	154	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-5A	46.2	n/a	4/17/2025	107	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-6	46.2	n/a	4/15/2025	100	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Sulfate as SO4 (mg/L)	MW-9	46.2	n/a	4/10/2025	419	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-10	336	n/a	4/15/2025	538	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-11	336	n/a	4/16/2025	598	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12	336	n/a	4/10/2025	488	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12A	336	n/a	4/10/2025	454	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-13A	336	n/a	4/10/2025	378	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-14	336	n/a	4/10/2025	432	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-17	336	n/a	4/17/2025	584	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-22	336	n/a	4/15/2025	369	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-23	336	n/a	4/21/2025	1600	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-24	336	n/a	4/21/2025	630	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-25	336	n/a	4/21/2025	1870	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-4	336	n/a	4/18/2023	1600	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5	336	n/a	4/10/2025	547	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5A	336	n/a	4/17/2025	556	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-9	336	n/a	4/10/2025	1100	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron, total (mg/L)	MW-10	0.05	n/a	4/15/2025	0.581	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-11	0.05	n/a	4/16/2025	3.28	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12	0.05	n/a	4/10/2025	0.452	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-12A	0.05	n/a	4/10/2025	0.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13	0.05	n/a	4/22/2025	0.269	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-13A	0.05	n/a	4/10/2025	0.302	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14	0.05	n/a	4/10/2025	0.705	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-14A	0.05	n/a	4/15/2025	0.52	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-15	0.05	n/a	4/11/2025	0.031	No	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-16	0.05	n/a	4/11/2025	0.371	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-17	0.05	n/a	4/17/2025	2.12	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-18	0.05	n/a	4/11/2025	0.068	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-19	0.05	n/a	4/10/2025	0.127	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-20	0.05	n/a	4/15/2025	0.064	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-21	0.05	n/a	4/17/2025	0.207	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-22	0.05	n/a	4/15/2025	0.103	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-23	0.05	n/a	4/21/2025	6.81	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-24	0.05	n/a	4/21/2025	2.08	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-25	0.05	n/a	4/21/2025	9.9	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-26	0.05	n/a	4/21/2025	0.239	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-3	0.05	n/a	4/15/2025	0.02	No	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-4	0.05	n/a	4/10/2023	2.04	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5	0.05	n/a	4/10/2025	1.41	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-5A	0.05	n/a	4/17/2025	1.8	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-6	0.05	n/a	4/15/2025	0.131	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-7	0.05	n/a	4/15/2025	0.307	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-8	0.05	n/a	4/15/2025	0.226	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Boron, total (mg/L)	MW-9	0.05	n/a	4/10/2025	4.46	Yes	46	n/a	n/a	n/a	43.48	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-10	50.7	n/a	4/15/2025	103	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-11	50.7	n/a	4/16/2025	163	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12	50.7	n/a	4/10/2025	91.8	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-12A	50.7	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-13	50.7	n/a	4/22/2025	47.5	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-13A	50.7	n/a	4/10/2025	38.5	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14	50.7	n/a	4/10/2025	86.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-14A	50.7	n/a	4/15/2025	82.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-15	50.7	n/a	4/11/2025	9.82	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-16	50.7	n/a	4/11/2025	49.1	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-17	50.7	n/a	4/17/2025	112	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-18	50.7	n/a	4/11/2025	43.2	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-19	50.7	n/a	4/10/2025	23.4	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-20	50.7	n/a	4/15/2025	52	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-21	50.7	n/a	4/17/2025	80.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-22	50.7	n/a	4/15/2025	127	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-23	50.7	n/a	4/21/2025	353	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-24	50.7	n/a	4/21/2025	143	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-25	50.7	n/a	4/21/2025	360	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-26	50.7	n/a	4/21/2025	64	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-3	50.7	n/a	4/15/2025	11.5	No	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-4	50.7	n/a	4/10/2023	210	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5	50.7	n/a	4/10/2025	93.3	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-5A	50.7	n/a	4/17/2025	113	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-6	50.7	n/a	4/15/2025	73.1	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-7	50.7	n/a	4/15/2025	60.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-8	50.7	n/a	4/15/2025	56.9	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Calcium, total (mg/L)	MW-9	50.7	n/a	4/10/2025	241	Yes	46	n/a	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-10	16.7	n/a	4/15/2025	80.3	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-11	16.7	n/a	4/16/2025	20.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12	16.7	n/a	4/10/2025	32.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-12A	16.7	n/a	4/10/2025	33.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-13	16.7	n/a	4/22/2025	1ND	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-13A	16.7	n/a	4/10/2025	95.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14	16.7	n/a	4/10/2025	34.1	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-14A	16.7	n/a	4/15/2025	26.5	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-15	16.7	n/a	4/11/2025	5.12	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-16	16.7	n/a	4/11/2025	23.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-17	16.7	n/a	4/17/2025	87.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-18	16.7	n/a	4/11/2025	9.95	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2

Appendix III - Interwell Prediction Limits - All Results

Page 2

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Chloride, Total (mg/L)	MW-19	16.7	n/a	4/10/2025	6.89	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-20	16.7	n/a	4/15/2025	4.91	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-21	16.7	n/a	4/17/2025	17.4	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-22	16.7	n/a	4/15/2025	10.3	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-23	16.7	n/a	4/21/2025	218	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-24	16.7	n/a	4/21/2025	70.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-25	16.7	n/a	4/21/2025	253	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-26	16.7	n/a	4/21/2025	9.68	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-3	16.7	n/a	4/15/2025	2.88	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-4	16.7	n/a	4/10/2023	397	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5	16.7	n/a	4/10/2025	54.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-5A	16.7	n/a	4/17/2025	96.8	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-6	16.7	n/a	4/15/2025	7.18	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-7	16.7	n/a	4/15/2025	1.86	No	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-8	16.7	n/a	4/15/2025	26.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Chloride, Total (mg/L)	MW-9	16.7	n/a	4/10/2025	79.7	Yes	46	n/a	n/a	n/a	8.696	n/a	n/a	0.0008253	NP Inter (normality) 1 of 2
Fluoride, total (mg/L)	MW-10	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-11	0.325	n/a	4/16/2025	1.72	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-12	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-12A	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-13	0.325	n/a	4/22/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-13A	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-14	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-14A	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-15	0.325	n/a	4/11/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-16	0.325	n/a	4/11/2025	0.128	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-17	0.325	n/a	4/17/2025	1.78	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-18	0.325	n/a	4/11/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-19	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-20	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-21	0.325	n/a	4/17/2025	0.208	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-22	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-23	0.325	n/a	4/21/2025	1.88	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-24	0.325	n/a	4/21/2025	1.46	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-25	0.325	n/a	4/21/2025	0.828	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-26	0.325	n/a	4/21/2025	0.276	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-3	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-4	0.325	n/a	4/10/2023	0.4	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-5	0.325	n/a	4/10/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-5A	0.325	n/a	4/17/2025	1.45	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-6	0.325	n/a	4/15/2025	0.125ND	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-7	0.325	n/a	4/15/2025	1.51	Yes	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-8	0.325	n/a	4/15/2025	0.242	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
Fluoride, total (mg/L)	MW-9	0.325	n/a	4/10/2025	0.178	No	46	n/a	n/a	n/a	67.39	n/a	n/a	0.0008253	NP Inter (NDs) 1 of 2
pH, Field (SU)	MW-10	6.624	3.743	4/15/2025	4.84	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-11	6.624	3.743	4/16/2025	7.07	Yes	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-12	6.624	3.743	4/10/2025	5.93	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-12A	6.624	3.743	4/10/2025	5.81	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-13	6.624	3.743	4/22/2025	6.58	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-13A	6.624	3.743	4/10/2025	5.35	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-14	6.624	3.743	4/10/2025	5.84	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-14A	6.624	3.743	4/15/2025	5.86	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-15	6.624	3.743	4/11/2025	5.13	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-16	6.624	3.743	4/11/2025	5.75	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-17	6.624	3.743	4/17/2025	6.17	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-18	6.624	3.743	4/11/2025	6.3	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-19	6.624	3.743	4/10/2025	5.64	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-20	6.624	3.743	4/15/2025	6.55	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-21	6.624	3.743	4/17/2025	6.52	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-22	6.624	3.743	4/15/2025	6.45	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-23	6.624	3.743	4/21/2025	7.05	Yes	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-24	6.624	3.743	4/21/2025	6.59	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-25	6.624	3.743	4/21/2025	6.1	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-26	6.624	3.743	4/21/2025	6.01	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-3	6.624	3.743	4/15/2025	5.38	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-4	6.624	3.743	4/10/2023	5.58	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-5	6.624	3.743	4/10/2025	5.64	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2
pH, Field (SU)	MW-5A	6.624	3.743	4/17/2025	5.95	No	48	5.184	0.6278	0	None	None	No	0.0001344	Param Inter 1 of 2

Appendix III - Interwell Prediction Limits - All Results

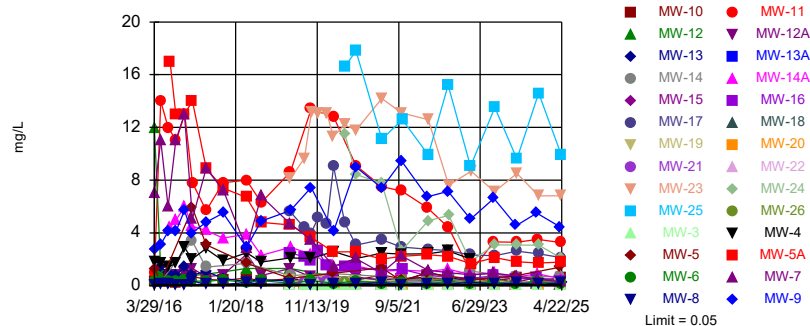
Page 3

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/25/2025, 8:31 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg	NBq	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
pH, Field (SU)	MW-6	6.624	3.743	4/15/2025	5.9	No	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
pH, Field (SU)	MW-7	6.624	3.743	4/15/2025	6.34	No	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
pH, Field (SU)	MW-8	6.624	3.743	4/15/2025	6.93	Yes	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
pH, Field (SU)	MW-9	6.624	3.743	4/10/2025	6.56	No	48	5.184	0.6278	0	None	No	0.0001344	Param	Inter 1 of 2
Sulfate as SO4 (mg/L)	MW-10	46.2	n/a	4/15/2025	291	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-11	46.2	n/a	4/16/2025	221	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-12	46.2	n/a	4/10/2025	200	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-12A	46.2	n/a	4/10/2025	184	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-13	46.2	n/a	4/22/2025	27.9	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-13A	46.2	n/a	4/10/2025	121	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-14	46.2	n/a	4/10/2025	81.6	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-14A	46.2	n/a	4/15/2025	39.6	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-15	46.2	n/a	4/11/2025	20.7	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-16	46.2	n/a	4/11/2025	39.3	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-17	46.2	n/a	4/17/2025	126	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-18	46.2	n/a	4/11/2025	3.54	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-19	46.2	n/a	4/10/2025	42.6	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-20	46.2	n/a	4/15/2025	8.15	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-21	46.2	n/a	4/17/2025	58.1	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-22	46.2	n/a	4/15/2025	0.5ND	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-23	46.2	n/a	4/21/2025	755	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-24	46.2	n/a	4/21/2025	186	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-25	46.2	n/a	4/21/2025	905	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-26	46.2	n/a	4/21/2025	59.9	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-3	46.2	n/a	4/15/2025	18.7	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-4	46.2	n/a	4/10/2023	678	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-5	46.2	n/a	4/10/2025	154	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-5A	46.2	n/a	4/17/2025	107	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-6	46.2	n/a	4/15/2025	100	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-7	46.2	n/a	4/15/2025	25.4	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-8	46.2	n/a	4/15/2025	18.3	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Sulfate as SO4 (mg/L)	MW-9	46.2	n/a	4/10/2025	419	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-10	336	n/a	4/15/2025	538	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-11	336	n/a	4/16/2025	598	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12	336	n/a	4/10/2025	488	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-12A	336	n/a	4/10/2025	454	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-13	336	n/a	4/22/2025	169	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-13A	336	n/a	4/10/2025	378	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-14	336	n/a	4/10/2025	432	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-14A	336	n/a	4/15/2025	332	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-15	336	n/a	4/11/2025	25.5ND	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-16	336	n/a	4/11/2025	233	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-17	336	n/a	4/17/2025	584	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-18	336	n/a	4/11/2025	243	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-19	336	n/a	4/10/2025	160	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-20	336	n/a	4/15/2025	182	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-21	336	n/a	4/17/2025	278	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-22	336	n/a	4/15/2025	369	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-23	336	n/a	4/21/2025	1600	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-24	336	n/a	4/21/2025	630	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-25	336	n/a	4/21/2025	1870	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-26	336	n/a	4/21/2025	272	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-3	336	n/a	4/15/2025	81	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-4	336	n/a	4/18/2023	1600	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5	336	n/a	4/10/2025	547	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-5A	336	n/a	4/17/2025	556	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-6	336	n/a	4/15/2025	286	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-7	336	n/a	4/15/2025	241	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-8	336	n/a	4/15/2025	192	No	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2
Total Dissolved Solids [TDS] (mg/L)	MW-9	336	n/a	4/10/2025	1100	Yes	46	n/a	n/a	0	n/a	n/a	0.0008253	NP Inter (normality)	1 of 2

Exceeds Limit: MW-10, MW-11, MW-12,
MW-12A, MW-13, MW-13A, MW-14, MW-
14A, MW-16, MW-17, MW-18, MW-19,...

Prediction Limit Interwell Non-parametric

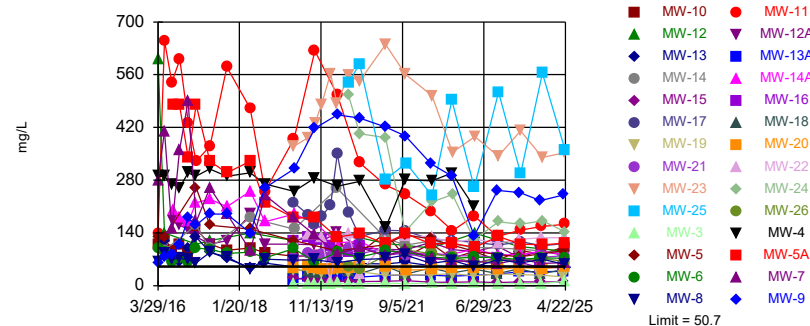


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 46 background values. 43.48% NDs. Annual per-constituent alpha = 0.04519. Individual comparison alpha = 0.0008253 (1 of 2). Comparing 28 points to limit.

Constituent: Boron, total Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Exceeds Limit: MW-10, MW-11, MW-12,
MW-12A, MW-14, MW-14A, MW-17, MW-
20, MW-21, MW-22, MW-23, MW-24,...

Prediction Limit Interwell Non-parametric

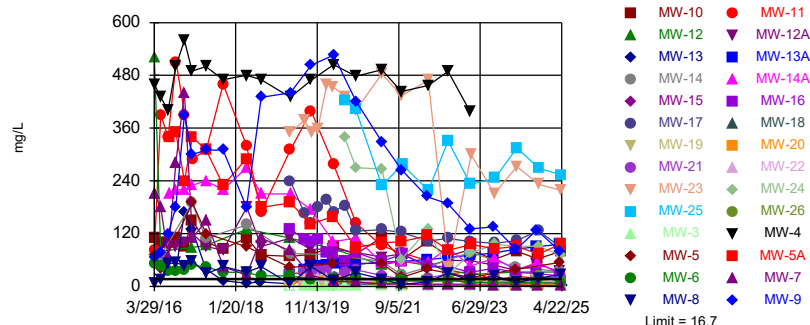


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 46 background values. Annual per-constituent alpha = 0.04519. Individual comparison alpha = 0.0008253 (1 of 2). Comparing 28 points to limit.

Constituent: Calcium, total Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Exceeds Limit: MW-10, MW-11, MW-12,
MW-12A, MW-13A, MW-14, MW-14A, MW-
16, MW-17, MW-21, MW-23, MW-24,...

Prediction Limit Interwell Non-parametric

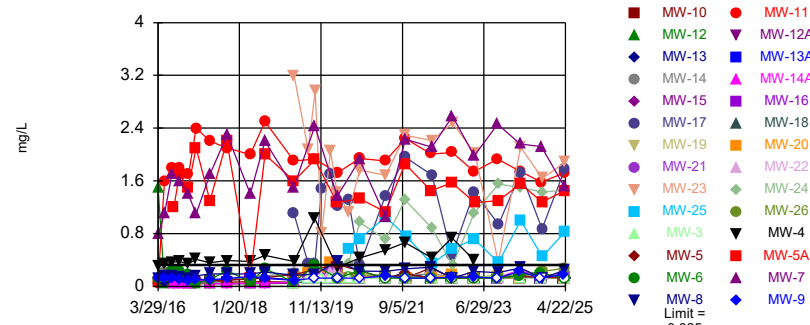


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 46 background values. 8.696% NDs. Annual per-constituent alpha = 0.04519. Individual comparison alpha = 0.0008253 (1 of 2). Comparing 28 points to limit.

Constituent: Chloride, Total Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Exceeds Limit: MW-11, MW-17, MW-23,
MW-24, MW-25, MW-4, MW-5A, MW-7

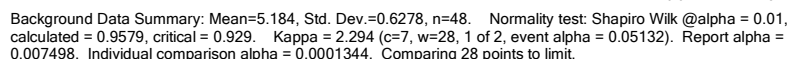
Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 46 background values. 67.39% NDs. Annual per-constituent alpha = 0.04519. Individual comparison alpha = 0.0008253 (1 of 2). Comparing 28 points to limit.

Constituent: Fluoride, total Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

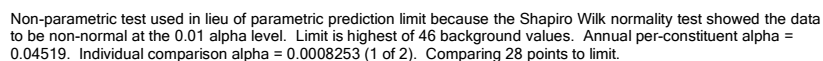
Interwell Parametric



Constituent: Sulfate as SO4 Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Exceeds Limit: MW-10, MW-11, MW-12, MW-12A, MW-13A, MW-14, MW-17, MW-22, MW-23, MW-24, MW-25, MW-4...

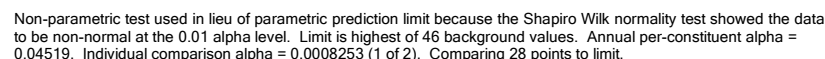
Interwell Non-parametric



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Exceeds Limit: MW-10, MW-11, MW-12, MW-12A, MW-13A, MW-14, MW-17, MW-21, MW-23, MW-24, MW-25, MW-26...

Interwell Non-parametric



Constituent: Sulfate as SO4 Analysis Run 6/17/2025 7:18 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
3/29/2016	<0.05	1.3	1.8	7	0.022 (J)	2.7	0.3		
3/30/2016								0.95	0.35
5/18/2016	<0.05				<0.05	3.1			0.41
5/19/2016		0.29	1.7	11			0.28	14	
5/20/2016									
7/19/2016	0.024 (J)		1.4	6	<0.05	4.1			
7/20/2016							0.32	12	0.34
8/4/2016									
9/19/2016	<0.05				<0.05				
9/20/2016			1.7	11		4.1	0.35		0.26
9/21/2016								11	
11/29/2016	<0.05		2.9		<0.05	5.7	0.4		
11/30/2016				13					0.39
12/1/2016								13	
1/30/2017									
1/31/2017	<0.05		2		<0.05	4	0.35		
2/1/2017		5.9		5.1					0.69
2/2/2017								7.8	
5/22/2017						4.8			
5/23/2017	<0.05		2.8		<0.05				
5/24/2017		3.1		8.9			0.34	5.7	0.48
5/25/2017									
10/9/2017	<0.05					5.5			
10/10/2017			1.9		<0.05			7.8	
10/11/2017				7.2			0.43		0.4
4/17/2018	<0.05				<0.05	2.9	0.23		
4/18/2018		1.7	2.5	2.8				8	
4/19/2018									0.57
8/13/2018									
8/14/2018	<0.05		1.8		<0.05	4.9			0.36
8/15/2018				6.8			0.38	6.3	
4/6/2019									
4/7/2019				4.7			0.19		
4/8/2019									
4/9/2019		0.55						8.6	0.53
4/10/2019	<0.05		2.1		<0.05	5.7			
7/31/2019									
8/1/2019									
9/23/2019									
9/24/2019	0.0163		2.07		0.0168	7.44			
9/25/2019				3.46			0.385		
9/26/2019								13.4	0.388
9/27/2019									
11/18/2019									
11/19/2019									
11/20/2019									
1/29/2020									
1/30/2020									
3/23/2020		0.953							
3/24/2020									
3/25/2020								12.8	0.539
3/26/2020	0.0169		2.59	1.48	0.0183	4.13	0.179		

Page 3

[illegible]

Prediction Limit

Page 4

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
3/29/2016									
3/30/2016	12	0.051							
5/18/2016									
5/19/2016	1.2	0.16	1.4						
5/20/2016				0.32					
7/19/2016									
7/20/2016		0.13	0.97						
8/4/2016					0.75	17	4.4		
9/19/2016									
9/20/2016		0.049 (J)			0.75	13			
9/21/2016			0.79				5		
11/29/2016			1.4						
11/30/2016		0.071			0.97	13			
12/1/2016							6		
1/30/2017			0.8						
1/31/2017				3.4			4.5		
2/1/2017	0.77	0.37			1.3	14			
2/2/2017									
5/22/2017			1.1						
5/23/2017				1.4			4.2		
5/24/2017		0.097				8.9			
5/25/2017	0.88				0.68				
10/9/2017									
10/10/2017			0.55		0.83	7.4	3.6		
10/11/2017		0.098							
4/17/2018				1.7			3.9		
4/18/2018		0.25	0.31			6.7			
4/19/2018	1.3				2.4				
8/13/2018			0.46						
8/14/2018					0.78				
8/15/2018		0.13				4.8	2.3		
4/6/2019								0.089	0.14
4/7/2019		0.13							
4/8/2019									
4/9/2019	1.3		0.36		1.3	4.6			
4/10/2019				0.77			2.9		
7/31/2019									
8/1/2019								0.0535	0.216
9/23/2019			0.58						
9/24/2019									
9/25/2019								0.0659	0.305
9/26/2019		0.0858			0.672	3.65	2.4		
9/27/2019									
11/18/2019									
11/19/2019									0.268
11/20/2019								0.0625	
1/29/2020								0.0556	0.291
1/30/2020									
3/23/2020						2.57	1.54		
3/24/2020	0.698			0.92	0.65				
3/25/2020			0.237					0.0554	0.201
3/26/2020		0.133							

Page 5

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

[illegible]

Prediction Limit

Page 6

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
4/10/2025	0.452			0.705	0.12				
4/11/2025									
4/15/2025		0.226					0.52	0.064	
4/16/2025									
4/17/2025						1.8			0.207
4/21/2025									
4/22/2025			0.269						

Prediction Limit

Page 7

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	<0.05								
4/7/2019		0.38	0.052	0.17	0.12				
4/8/2019						8.1	5.6	2.5	
4/9/2019									0.022 (J)
4/10/2019									
7/31/2019			0.0517		0.0867		4.38	2.18	
8/1/2019	0.0204	0.295		0.132		9.67			0.0128
9/23/2019									0.0187
9/24/2019	0.0208		0.0518	0.145					
9/25/2019		0.328						1.89	
9/26/2019					0.0968		4		
9/27/2019						13.2			
11/18/2019	0.0222								0.0145
11/19/2019				0.134	0.102	13.1	5.12	2.67	
11/20/2019		0.309	0.0447						
1/29/2020	0.018	0.241			<0.05				
1/30/2020			0.0294	0.0726		13.1	4.73	1.53	0.0133
3/23/2020			0.0349		0.0918	11.3		1.02	
3/24/2020									
3/25/2020		0.261		0.0784			9.05		0.0245
3/26/2020	0.0184								

Prediction Limit

Page 8

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
6/22/2020			0.039					1.48	
6/23/2020	0.022	0.239		0.109	0.101		4.75		0.023
6/24/2020						12.2			
9/21/2020			0.033		0.116				0.013
9/22/2020	0.019	0.33		0.168			3.09	1.36	
9/23/2020									
9/24/2020						11.8			
4/19/2021				0.07			3.48		0.023
4/20/2021		0.172	0.032		0.1			1.19	
4/21/2021									
4/22/2021	0.02					14.2			
9/28/2021		0.207					2.93		0.03
9/29/2021	0.028			0.108					
9/30/2021					0.107				
10/1/2021						13.1			
10/4/2021			0.027					1.24	
10/5/2021									
4/25/2022									
4/26/2022		0.199	0.037	0.085				0.767	
4/27/2022									0.028
5/2/2022					0.106				
5/3/2022	0.017						2.77		
5/4/2022						12.6			
10/11/2022	0.024								
10/12/2022			0.041	0.145			2.66	0.712	
10/13/2022					0.094				
10/17/2022									0.032
10/18/2022		0.243				7.61			
4/10/2023	0.019								
4/11/2023									0.068
4/12/2023			0.026	0.098	0.099		2.33	0.55	
4/13/2023		0.186							
4/18/2023						8.68			
10/17/2023		0.215	0.035					0.75	0.123
10/18/2023									
10/19/2023				0.117					
10/23/2023	0.036								
10/24/2023					0.102				
10/25/2023						7.12			
10/26/2023							2.28		
4/9/2024					0.099				
4/11/2024			0.027	0.084				0.508	
4/17/2024		0.216							0.195
4/22/2024									
4/23/2024	0.018								
4/24/2024						8.52	2.62		
10/2/2024									
10/3/2024		0.209	0.035	0.112				0.602	0.25
10/9/2024	0.022				0.095				
10/10/2024									
10/15/2024							2.42		
10/16/2024						6.82			

Page 9

[illegible]

Prediction Limit

Page 10

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

MW-26 MW-25 MW-24 MW-2R (bg)

3/29/2016
3/30/2016
5/18/2016
5/19/2016
5/20/2016
7/19/2016
7/20/2016
8/4/2016
9/19/2016
9/20/2016
9/21/2016
11/29/2016
11/30/2016
12/1/2016
1/30/2017
1/31/2017
2/1/2017
2/2/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
10/9/2017
10/10/2017
10/11/2017
4/17/2018
4/18/2018
4/19/2018
8/13/2018
8/14/2018
8/15/2018
4/6/2019
4/7/2019
4/8/2019
4/9/2019
4/10/2019
7/31/2019
8/1/2019
9/23/2019
9/24/2019
9/25/2019
9/26/2019
9/27/2019
11/18/2019
11/19/2019
11/20/2019
1/29/2020
1/30/2020
3/23/2020
3/24/2020
3/25/2020
3/26/2020

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
6/22/2020				
6/23/2020				
6/24/2020	0.195	16.6	11.5	
9/21/2020				
9/22/2020			8.45	
9/23/2020		17.8		
9/24/2020	0.354			
4/19/2021				
4/20/2021				
4/21/2021			7.76	
4/22/2021	0.291	11.1		
9/28/2021			2.65	
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	0.373	12.6		
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022			4.93	
5/4/2022	0.448	9.91		
10/11/2022				
10/12/2022				
10/13/2022		15.2		
10/17/2022				
10/18/2022	0.529		5.34	
4/10/2023				
4/11/2023				
4/12/2023				
4/13/2023		9.05	1.83	
4/18/2023	0.265			
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				0.015
10/26/2023	0.443	13.5	3.11	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	0.239	9.61	3.07	0.013
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				
10/10/2024				0.013
10/15/2024				
10/16/2024	0.354	14.6	3.08	

Prediction Limit

Constituent: Boron, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
4/10/2025				
4/11/2025				
4/15/2025				
4/16/2025				0.018
4/17/2025				
4/21/2025	0.239	9.9	2.08	
4/22/2025				

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
3/29/2016	26	130	290	280	3.6	61	99		
3/30/2016								140	110
5/18/2016	25				3.6	76			130
5/19/2016		130	290	410			90	650	
5/20/2016									
7/19/2016	17		270	150	3	82			
7/20/2016							62	540	94
8/4/2016									
9/19/2016	17				3.2				
9/20/2016			260	360		110	74		110
9/21/2016								600	
11/29/2016	14		300		3	180	64		
11/30/2016				490					90
12/1/2016								430	
1/30/2017									
1/31/2017	25		290		3.5	160	100		
2/1/2017		260		170					150
2/2/2017								330	
5/22/2017						190			
5/23/2017	26		310		3.6				
5/24/2017		160		260			97	370	110
5/25/2017									
10/9/2017	29					190			
10/10/2017			290		3.6			580	
10/11/2017				190			86		94
4/17/2018	34				3.3 (F1)	140	89		
4/18/2018		150	300	93				470	
4/19/2018									100
8/13/2018									
8/14/2018	26		270		3.2	260			87
8/15/2018				240			74	250	
4/6/2019									
4/7/2019				180			98		
4/8/2019									
4/9/2019		120						390	78
4/10/2019	28		250		3	310			
7/31/2019									
8/1/2019									
9/23/2019									
9/24/2019	28.1		286		3.2	418			
9/25/2019				134			63.3		
9/26/2019								623	79.4
9/27/2019									
11/18/2019									
11/19/2019									
11/20/2019									
1/29/2020									
1/30/2020									
3/23/2020		92.3							
3/24/2020									
3/25/2020								507	114
3/26/2020	32.7		264	83.9	3.2	453	88.6		

Page 3

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

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Prediction Limit

Page 4

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
3/29/2016									
3/30/2016	600	63							
5/18/2016									
5/19/2016	140	85	120						
5/20/2016				94					
7/19/2016									
7/20/2016		70	72						
8/4/2016					170	480	200		
9/19/2016									
9/20/2016		73			160	480			
9/21/2016			63				180		
11/29/2016			100						
11/30/2016		69			150	340			
12/1/2016							170		
1/30/2017			130						
1/31/2017				160			220		
2/1/2017	110	61			130	480			
2/2/2017									
5/22/2017			90						
5/23/2017				100			230		
5/24/2017		88				330			
5/25/2017	120				110				
10/9/2017									
10/10/2017			72		120	300	210		
10/11/2017		76							
4/17/2018				180			250		
4/18/2018		44	48			330			
4/19/2018	140				190				
8/13/2018			60						
8/14/2018					110				
8/15/2018		70				220	170		
4/6/2019								48	72
4/7/2019		68							
4/8/2019									
4/9/2019	120		50		110	180			
4/10/2019				150			190		
7/31/2019									
8/1/2019								54.8	87.5
9/23/2019			47.3						
9/24/2019									
9/25/2019								48.1	81.2
9/26/2019		69			109	180	167		
9/27/2019									
11/18/2019									
11/19/2019									83
11/20/2019								45.2	
1/29/2020								44.6	76.2
1/30/2020									
3/23/2020						129	114		
3/24/2020	141			258	141				
3/25/2020			60.4					45.8	84.3
3/26/2020		60.7							

Page 5

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLS
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

[illegible]

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
4/10/2025	91.8			86.9	81.6				
4/11/2025									
4/15/2025		56.9					82.1	52	
4/16/2025									
4/17/2025						113			80.1
4/21/2025									
4/22/2025			47.5						

Prediction Limit

Page 7

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	5.7								
4/7/2019		41	22	45	120				
4/8/2019						370	220	120	
4/9/2019									16
4/10/2019									
7/31/2019			14.7		135		188	130	
8/1/2019	4.42	42.7		36.4		393			22.9
9/23/2019									20.5
9/24/2019	4.51		14.5	34.5					
9/25/2019		39.3						121	
9/26/2019					134		162		
9/27/2019						433			
11/18/2019	4.63								21.9
11/19/2019				33.4	127	481	185	123	
11/20/2019		34.5	12.4						
1/29/2020	5.78	34.2			12.4				
1/30/2020			12.5	45.5		563	212	105	22.6
3/23/2020			10.7		136	484		87.7	
3/24/2020									
3/25/2020		39.3		42.7			350		25.1
3/26/2020	6.92								

Prediction Limit

Page 8

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
6/22/2020			12.1					90.7	
6/23/2020	5.27	34.1		37.8	139		194		23.5
6/24/2020						557			
9/21/2020			11.3		31.7				22.6
9/22/2020	5.03	37.4		32			131	106	
9/23/2020									
9/24/2020						543			
4/19/2021				52.9			147		26.8
4/20/2021		28	11.4		118			80.3	
4/21/2021									
4/22/2021	7.09					640			
9/28/2021		28.4					146		28.5
9/29/2021	5.81			30.4					
9/30/2021					132				
10/1/2021						561			
10/4/2021			13.1					87.3	
10/5/2021									
4/25/2022									
4/26/2022		28.5	9.38	47.4				70.4	
4/27/2022									27.5
5/2/2022					130				
5/3/2022	6.8						122		
5/4/2022						504			
10/11/2022	4.33								
10/12/2022			9.16	34.1			120	71.4	
10/13/2022					114				
10/17/2022									25
10/18/2022		31.8				354			
4/10/2023	6.57								
4/11/2023									27.6
4/12/2023			9.78	43.9	124		115	59.3	
4/13/2023		26.5							
4/18/2023						396			
10/17/2023		30.9	8.15					74.2	30.8
10/18/2023									
10/19/2023				32.3					
10/23/2023	3.92								
10/24/2023					113				
10/25/2023						344			
10/26/2023							108		
4/9/2024					123				
4/11/2024			9.76	44.5				62.9	
4/17/2024		29.9							37.1
4/22/2024									
4/23/2024	5.7								
4/24/2024						411	117		
10/2/2024									
10/3/2024		28.2	10	31.6				47.2	37.2
10/9/2024	4.57				127				
10/10/2024									
10/15/2024							106		
10/16/2024						340			

Page 9

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

[illegible]

Prediction Limit

Page 10

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

MW-26 MW-25 MW-24 MW-2R (bg)

3/29/2016
3/30/2016
5/18/2016
5/19/2016
5/20/2016
7/19/2016
7/20/2016
8/4/2016
9/19/2016
9/20/2016
9/21/2016
11/29/2016
11/30/2016
12/1/2016
1/30/2017
1/31/2017
2/1/2017
2/2/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
10/9/2017
10/10/2017
10/11/2017
4/17/2018
4/18/2018
4/19/2018
8/13/2018
8/14/2018
8/15/2018
4/6/2019
4/7/2019
4/8/2019
4/9/2019
4/10/2019
7/31/2019
8/1/2019
9/23/2019
9/24/2019
9/25/2019
9/26/2019
9/27/2019
11/18/2019
11/19/2019
11/20/2019
1/29/2020
1/30/2020
3/23/2020
3/24/2020
3/25/2020
3/26/2020

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
6/22/2020				
6/23/2020				
6/24/2020	50.5	538	506	
9/21/2020				
9/22/2020			403	
9/23/2020		589		
9/24/2020	44.6			
4/19/2021				
4/20/2021				
4/21/2021			393	
4/22/2021	79.7	282		
9/28/2021			143	
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	95.1	325		
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022			222	
5/4/2022	85.1	239		
10/11/2022				
10/12/2022				
10/13/2022		492		
10/17/2022				
10/18/2022	75.2		242	
4/10/2023				
4/11/2023				
4/12/2023				
4/13/2023		261	122	
4/18/2023	61.6			
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				17.2
10/26/2023	68.4	514	170	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	65.3	298	163	50.7
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				
10/10/2024				29.7
10/15/2024				
10/16/2024	71.7	564	172	

Prediction Limit

Constituent: Calcium, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
4/10/2025				
4/11/2025				
4/15/2025				
4/16/2025				37.4
4/17/2025				
4/21/2025	64	360	143	
4/22/2025				

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
3/29/2016	2.5	71	460	210	0.89 (J)	66	52		
3/30/2016								83	110
5/18/2016	2.1				<2	78			100
5/19/2016		41	430	180			45	390	
5/20/2016									
7/19/2016	2.2		400	67	<2	120			
7/20/2016							35	340	100
8/4/2016									
9/19/2016	1.4 (J)				<2				
9/20/2016			500	280		180	34		110
9/21/2016								510	
11/29/2016	3.5		560		2.2	390	39		
11/30/2016				440					91
12/1/2016								390	
1/30/2017									
1/31/2017	2.9		490		1.1 (J)	300	48		
2/1/2017		190		110					150
2/2/2017								290	
5/22/2017						310			
5/23/2017	4		500		1.9 (J)				
5/24/2017		120		150			44	310	100
5/25/2017									
10/9/2017	3.8					310			
10/10/2017			470		1.8 (J)			460	
10/11/2017				44			33		86
4/17/2018	2.6				0.93 (J)	180	31		
4/18/2018		90	480	26				320	
4/19/2018									110
8/13/2018									
8/14/2018	2.7		470		0.63 (J)	430			71
8/15/2018				110			24	170	
4/6/2019									
4/7/2019				81			24		
4/8/2019									
4/9/2019		43						310	68
4/10/2019	2.8		430		<2	440			
7/31/2019									
8/1/2019									
9/23/2019									
9/24/2019	2.59		469		1.05	503			
9/25/2019				25.5			16.4		
9/26/2019								399	72.5
9/27/2019									
11/18/2019									
11/19/2019									
11/20/2019									
1/29/2020									
1/30/2020									
3/23/2020		52.3							
3/24/2020									
3/25/2020								278	91
3/26/2020	3.48		504	11.4	0.969	526	19.3		

Page 3

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Prediction Limit

Page 4

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
3/29/2016									
3/30/2016	520	7.9							
5/18/2016									
5/19/2016	80	14	44						
5/20/2016				70					
7/19/2016									
7/20/2016		51	34						
8/4/2016					91	340	210		
9/19/2016									
9/20/2016		54			91	350			
9/21/2016			36				220		
11/29/2016			170						
11/30/2016		47			98	240			
12/1/2016							220		
1/30/2017			130						
1/31/2017				190			230		
2/1/2017	89	58			120	340			
2/2/2017									
5/22/2017			39						
5/23/2017				110			240		
5/24/2017		28				310			
5/25/2017	93				90				
10/9/2017									
10/10/2017			13		83	230	220		
10/11/2017		45							
4/17/2018				140			270		
4/18/2018		32	7.2			290			
4/19/2018	130				180				
8/13/2018			10						
8/14/2018					91				
8/15/2018		45				180	210		
4/6/2019								9.4	28
4/7/2019		6							
4/8/2019									
4/9/2019	110		5.6		110	190			
4/10/2019				75			210		
7/31/2019									
8/1/2019								9.17	30.8
9/23/2019			15						
9/24/2019									
9/25/2019								8.12	36.6
9/26/2019		44.8			84.3	142	174		
9/27/2019									
11/18/2019									
11/19/2019									36.5
11/20/2019								10.1	
1/29/2020								9.51	38
1/30/2020									
3/23/2020						159	102		
3/24/2020	84.9			72.2	85.2				
3/25/2020			2.49					9.86	21.1
3/26/2020		13.4							

Page 5

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Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
4/10/2025	32.4			34.1	33.7				
4/11/2025									
4/15/2025		26.7					26.5	4.91	
4/16/2025									
4/17/2025						96.8			17.4
4/21/2025									
4/22/2025			<2						

Prediction Limit

Page 7

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	<2								
4/7/2019		31	14	16	19				
4/8/2019						350	240	130	
4/9/2019									27
4/10/2019									
7/31/2019			8.91		17.2		166	107	
8/1/2019	1.85	31.2		14.9		378			36.6
9/23/2019									41.7
9/24/2019	2.16		8.58	15.5					
9/25/2019		30.1						102	
9/26/2019					17.3		143		
9/27/2019						349			
11/18/2019	2.16								47.4
11/19/2019				17.3	18.5	359	179	107	
11/20/2019		25.1	8.43						
1/29/2020	2.46	12.6			17.8				
1/30/2020			7.65	12.3		460	196	76	47.6
3/23/2020			5.96		19.7	454		73.3	
3/24/2020									
3/25/2020		19.1		12.6			170		50.4
3/26/2020	2.62								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Page 8

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
6/22/2020			5.34					58.5	
6/23/2020	1.81	17.5		12.8	10.5		184		50.2
6/24/2020						432			
9/21/2020			5.56		13.6				49.6
9/22/2020	1.97	23.4		13.7			126	77.2	
9/23/2020									
9/24/2020						401			
4/19/2021				12.1			129		55.8
4/20/2021		9.31	6.65		13			56.7	
4/21/2021									
4/22/2021	2.33					483			
9/28/2021		11.2					123		56.5
9/29/2021	1.75			13.1					
9/30/2021					10.6				
10/1/2021						434			
10/4/2021			5.7					73.6	
10/5/2021									
4/25/2022									
4/26/2022		11.2	5.46	12.4				45.9	
4/27/2022									60.9
5/2/2022					10.8				
5/3/2022	2.01						103		
5/4/2022						469			
10/11/2022	1.85								
10/12/2022			4.78	12.5			109	45.3	
10/13/2022					11				
10/17/2022									65.4
10/18/2022		22.9				43.4			
4/10/2023	1.68								
4/11/2023									71.3
4/12/2023			4.91	12.5	11.6		102	32.2	
4/13/2023		9.32							
4/18/2023						299			
10/17/2023		18.9	4.03					41.5	75.4
10/18/2023									
10/19/2023				9.71					
10/23/2023	1.52								
10/24/2023					9.93				
10/25/2023						211			
10/26/2023							98		
4/9/2024					9.98				
4/11/2024			6.19	12.9				32.2	
4/17/2024		9.92							84.8
4/22/2024									
4/23/2024	1.49								
4/24/2024						273	104		
10/2/2024									
10/3/2024		16.4	4.69	7.92				28.8	90
10/9/2024	1.61				10				
10/10/2024									
10/15/2024							127		
10/16/2024						232			

Page 9

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Prediction Limit

Page 10

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

MW-26 MW-25 MW-24 MW-2R (bg)

3/29/2016
3/30/2016
5/18/2016
5/19/2016
5/20/2016
7/19/2016
7/20/2016
8/4/2016
9/19/2016
9/20/2016
9/21/2016
11/29/2016
11/30/2016
12/1/2016
1/30/2017
1/31/2017
2/1/2017
2/2/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
10/9/2017
10/10/2017
10/11/2017
4/17/2018
4/18/2018
4/19/2018
8/13/2018
8/14/2018
8/15/2018
4/6/2019
4/7/2019
4/8/2019
4/9/2019
4/10/2019
7/31/2019
8/1/2019
9/23/2019
9/24/2019
9/25/2019
9/26/2019
9/27/2019
11/18/2019
11/19/2019
11/20/2019
1/29/2020
1/30/2020
3/23/2020
3/24/2020
3/25/2020
3/26/2020

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
6/22/2020				
6/23/2020				
6/24/2020	4.45	424	338	
9/21/2020				
9/22/2020			270	
9/23/2020		402		
9/24/2020	6.27			
4/19/2021				
4/20/2021				
4/21/2021			267	
4/22/2021	5.27	229		
9/28/2021			60.9	
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	11.9	277		
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022			130	
5/4/2022	12	218		
10/11/2022				
10/12/2022				
10/13/2022		330		
10/17/2022				
10/18/2022	19.3		28.6	
4/10/2023				
4/11/2023				
4/12/2023				
4/13/2023		232	75.4	
4/18/2023	3.19			
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				10.8
10/26/2023	21.6	246	95.2	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	5.63	315	91.3	10.4
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				
10/10/2024				16.7
10/15/2024				
10/16/2024	24.8	269	91.1	

Prediction Limit

Constituent: Chloride, Total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
4/10/2025				
4/11/2025				
4/15/2025				
4/16/2025				8.12
4/17/2025				
4/21/2025	9.68	253	70.8	
4/22/2025				

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
3/29/2016	0.04 (J)	0.1	0.31	0.79	<0.125	0.12	0.12		
3/30/2016								0.05 (J)	0.06 (J)
5/18/2016	0.04 (J)				<0.125	0.12			0.06 (J)
5/19/2016		0.15	0.34	1.1			0.14	1.6	
5/20/2016									
7/19/2016	0.04 (J)		0.37	1.7	<0.125	0.12			
7/20/2016							0.24	1.8	0.07 (J)
8/4/2016									
9/19/2016	<0.125				<0.125				
9/20/2016			0.38	1.6		0.11	0.23		0.06 (J)
9/21/2016								1.8	
11/29/2016	<0.125		0.34		<0.125	0.09 (J)	0.17		
11/30/2016				1.4					0.04 (J)
12/1/2016								1.7	
1/30/2017									
1/31/2017	0.04 (J)		0.41		<0.125	0.1	0.04 (J)		
2/1/2017		<0.125		1.1					0.06 (J)
2/2/2017								2.4	
5/22/2017						0.1			
5/23/2017	0.05 (J)		0.36		<0.125				
5/24/2017		0.08 (J)		1.7			0.1	2.2	0.08 (J)
5/25/2017									
10/9/2017	0.06 (J)					0.12			
10/10/2017			0.39		<0.125			2.1	
10/11/2017				2.3			0.24		0.06 (J)
4/17/2018	0.07 (J)				<0.125	0.15	0.06 (J)		
4/18/2018		0.11	0.38	1.4				2	
4/19/2018									0.07 (J)
8/13/2018									
8/14/2018	0.07 (J)		0.47		0.04 (J)	0.12			0.07 (J)
8/15/2018				2.2			0.27	2.5	
4/6/2019									
4/7/2019				1.5			0.06 (J)		
4/8/2019									
4/9/2019		0.18						1.9	0.06 (J)
4/10/2019	0.08 (J)		0.38		<0.125	0.09 (J)			
7/31/2019									
8/1/2019									
9/23/2019									
9/24/2019	<0.125		1.03		<0.125	<0.125			
9/25/2019				2.43			0.324		
9/26/2019								1.93	<0.125
9/27/2019									
11/18/2019									
11/19/2019									
11/20/2019									
1/29/2020									
1/30/2020									
3/23/2020		0.336							
3/24/2020									
3/25/2020								1.72	0.236
3/26/2020	<0.125		0.288	1.37	<0.125	<0.125	<0.125		

Prediction Limit

Page 2

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
6/22/2020									
6/23/2020									
6/24/2020									
9/21/2020									
9/22/2020									
9/23/2020	<0.125		0.43	1.92	<0.125	<0.125	0.237		<0.125
9/24/2020								1.94	
4/19/2021		<0.125							
4/20/2021				1.06				1.9	<0.125
4/21/2021			0.549			0.158	<0.125		
4/22/2021	<0.125				<0.125				
9/28/2021		0.193	0.665						
9/29/2021				2.23					
9/30/2021	0.143				<0.125	<0.125	<0.125		<0.125
10/1/2021								2.24	
10/4/2021									
10/5/2021									
4/25/2022						<0.125			
4/26/2022		<0.125							
4/27/2022							<0.125	2.01	0.282
5/2/2022	<0.125				<0.125				
5/3/2022			0.43	2.11					
5/4/2022									
10/11/2022	<0.125		0.738		<0.125	0.139			
10/12/2022									
10/13/2022									<0.125
10/17/2022				2.58			<0.125	2.03	
10/18/2022									
4/10/2023			0.4						
4/11/2023	<0.125				<0.125	0.14			
4/12/2023				1.98			<0.125	1.74	<0.125
4/13/2023									
4/18/2023		<0.125							
10/17/2023							<0.125		
10/18/2023				2.46				1.93	<0.125
10/19/2023						<0.125			
10/23/2023	0.162								
10/24/2023									
10/25/2023									
10/26/2023									
4/9/2024							0.158		
4/11/2024		0.151							
4/17/2024						0.226			
4/22/2024				2.16					<0.125
4/23/2024	0.218							1.74	
4/24/2024									
10/2/2024						<0.125	0.2		
10/3/2024									
10/9/2024				2.12					
10/10/2024	<0.125							1.58	<0.125
10/15/2024									
10/16/2024									

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
4/10/2025		<0.125				0.178			
4/11/2025									
4/15/2025	<0.125			1.51			<0.125		<0.125
4/16/2025								1.72	
4/17/2025									
4/21/2025									
4/22/2025									

Prediction Limit

Page 4

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
3/29/2016									
3/30/2016	1.5	0.13							
5/18/2016									
5/19/2016	0.04 (J)	0.16	0.07 (J)						
5/20/2016				0.22					
7/19/2016									
7/20/2016		0.16	0.08 (J)						
8/4/2016					0.04 (J)	1.2	0.05 (J)		
9/19/2016									
9/20/2016		0.14			0.04 (J)	1.7			
9/21/2016			0.08 (J)				0.05 (J)		
11/29/2016			0.06 (J)						
11/30/2016		0.12			<0.125	1.5			
12/1/2016							0.05 (J)		
1/30/2017			0.06 (J)						
1/31/2017				0.04 (J)			<0.125		
2/1/2017	0.04 (J)	0.16			0.04 (J)	2.1			
2/2/2017									
5/22/2017			0.09 (J)						
5/23/2017				0.06 (J)			0.04 (J)		
5/24/2017		0.19				1.3			
5/25/2017	0.05 (J)				0.05 (J)				
10/9/2017									
10/10/2017			0.1		0.04 (J)	2.2	0.04 (J)		
10/11/2017		0.19							
4/17/2018				0.15			0.05 (J)		
4/18/2018		0.19	0.11			<0.125			
4/19/2018	0.04 (J)				0.05 (J)				
8/13/2018			0.13						
8/14/2018					0.05 (J)				
8/15/2018		0.22				2	0.05 (J)		
4/6/2019								0.14	0.09 (J)
4/7/2019		0.17							
4/8/2019									
4/9/2019	0.05 (J)		0.1		0.05 (J)	1.6			
4/10/2019				0.19			0.06 (J)		
7/31/2019									
8/1/2019								0.203	0.138
9/23/2019			0.132						
9/24/2019									
9/25/2019								0.16	0.125
9/26/2019		0.183			<0.125	1.92	<0.125		
9/27/2019									
11/18/2019									
11/19/2019									<0.125
11/20/2019								0.155	
1/29/2020								0.357	0.229
1/30/2020									
3/23/2020						1.27	<0.125		
3/24/2020	<0.125			0.194	<0.125				
3/25/2020			0.152					0.158	0.169
3/26/2020		0.38							

Prediction Limit

Page 5

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
6/22/2020									
6/23/2020								<0.125	
6/24/2020									<0.125
9/21/2020								0.147	
9/22/2020						1.33			0.127
9/23/2020		0.233							
9/24/2020					<0.125		<0.125		
4/19/2021			<0.125			1.13			
4/20/2021								0.164	
4/21/2021	<0.125	0.229			<0.125				0.163
4/22/2021				<0.125			<0.125		
9/28/2021			0.203			1.86			
9/29/2021				0.178			0.136		
9/30/2021		0.267							
10/1/2021	<0.125				<0.125				
10/4/2021								<0.125	<0.125
10/5/2021									
4/25/2022	<0.125				<0.125				
4/26/2022				0.186		1.45			
4/27/2022		0.291							
5/2/2022			<0.125						
5/3/2022									<0.125
5/4/2022							<0.125	<0.125	
10/11/2022								0.182	
10/12/2022						1.57	<0.125		
10/13/2022					<0.125				<0.125
10/17/2022		<0.125							
10/18/2022			<0.125						
4/10/2023			0.13						
4/11/2023								<0.125	<0.125
4/12/2023		0.225							
4/13/2023				<0.125			<0.125		
4/18/2023	<0.125				<0.125	1.27			
10/17/2023					<0.125				
10/18/2023									
10/19/2023									
10/23/2023		0.206							
10/24/2023						1.3	0.137	0.163	0.129
10/25/2023									
10/26/2023									
4/9/2024	0.151				<0.125			<0.125	0.141
4/11/2024				0.156					
4/17/2024			<0.125						
4/22/2024		0.282					0.253		
4/23/2024						1.55			
4/24/2024									
10/2/2024					<0.125				
10/3/2024									
10/9/2024							<0.125		
10/10/2024									
10/15/2024		<0.125				1.28			
10/16/2024								0.203	<0.125

Prediction Limit

Page 6

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
4/10/2025	<0.125			<0.125	<0.125				
4/11/2025									
4/15/2025		0.242					<0.125	<0.125	
4/16/2025									
4/17/2025						1.45			0.208
4/21/2025									
4/22/2025			<0.125						

Prediction Limit

Page 7

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	0.04 (J)								
4/7/2019		0.04 (J)	0.06 (J)	0.11	0.11				
4/8/2019						3.2	1.1	0.09 (J)	
4/9/2019									0.06 (J)
4/10/2019									
7/31/2019			<0.125		<0.125		0.342	<0.125	
8/1/2019	<0.125	<0.125		<0.125		2.07			<0.125
9/23/2019									<0.125
9/24/2019	<0.125		<0.125	<0.125					
9/25/2019		<0.125						<0.125	
9/26/2019					<0.125		0.339		
9/27/2019						2.96			
11/18/2019	<0.125								<0.125
11/19/2019				0.135	<0.125	0.812	1.48	<0.125	
11/20/2019		<0.125	<0.125						
1/29/2020	<0.125	<0.125			0.206				
1/30/2020			<0.125	0.271		2.05	1.71	0.192	<0.125
3/23/2020			<0.125		0.246	1.43		0.199	
3/24/2020									
3/25/2020		<0.125		0.129			1.21		<0.125
3/26/2020	<0.125								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Page 8

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
6/22/2020			<0.125					<0.125	
6/23/2020	<0.125	<0.125		<0.125	<0.125		1.32		<0.125
6/24/2020						1.12			
9/21/2020			<0.125		<0.125				<0.125
9/22/2020	<0.125	<0.125		<0.125			0.322	<0.125	
9/23/2020									
9/24/2020						1.76			
4/19/2021				0.138			1.37		<0.125
4/20/2021		<0.125	<0.125		<0.125			<0.125	
4/21/2021									
4/22/2021	<0.125					1.69			
9/28/2021		<0.125					1.96		<0.125
9/29/2021	<0.125			0.143					
9/30/2021					<0.125				
10/1/2021						2.29			
10/4/2021			<0.125					<0.125	
10/5/2021									
4/25/2022									
4/26/2022		<0.125	<0.125	0.146				<0.125	
4/27/2022									<0.125
5/2/2022					<0.125				
5/3/2022	<0.125						1.69		
5/4/2022						2.21			
10/11/2022	<0.125								
10/12/2022			<0.125	<0.125			0.472	<0.125	
10/13/2022					<0.125				
10/17/2022									<0.125
10/18/2022		<0.125				2.48			
4/10/2023	<0.125								
4/11/2023									<0.125
4/12/2023			<0.125	<0.125	<0.125		1.43	<0.125	
4/13/2023		<0.125							
4/18/2023						2.02			
10/17/2023		<0.125	<0.125					<0.125	<0.125
10/18/2023									
10/19/2023				<0.125					
10/23/2023	0.157								
10/24/2023					<0.125				
10/25/2023						0.367			
10/26/2023							0.94		
4/9/2024					0.223				
4/11/2024			<0.125	<0.125				0.128	
4/17/2024		<0.125							<0.125
4/22/2024									
4/23/2024	<0.125								
4/24/2024						2.11	1.72		
10/2/2024									
10/3/2024		<0.125	<0.125	<0.125				<0.125	<0.125
10/9/2024	<0.125				<0.125				
10/10/2024									
10/15/2024							0.871		
10/16/2024						1.64			

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
4/10/2025		<0.125							<0.125
4/11/2025			<0.125	<0.125				0.128	
4/15/2025	<0.125				<0.125				
4/16/2025									
4/17/2025							1.78		
4/21/2025						1.88			
4/22/2025									

Prediction Limit

Page 10

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

MW-26 MW-25 MW-24 MW-2R (bg)

3/29/2016
3/30/2016
5/18/2016
5/19/2016
5/20/2016
7/19/2016
7/20/2016
8/4/2016
9/19/2016
9/20/2016
9/21/2016
11/29/2016
11/30/2016
12/1/2016
1/30/2017
1/31/2017
2/1/2017
2/2/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
10/9/2017
10/10/2017
10/11/2017
4/17/2018
4/18/2018
4/19/2018
8/13/2018
8/14/2018
8/15/2018
4/6/2019
4/7/2019
4/8/2019
4/9/2019
4/10/2019
7/31/2019
8/1/2019
9/23/2019
9/24/2019
9/25/2019
9/26/2019
9/27/2019
11/18/2019
11/19/2019
11/20/2019
1/29/2020
1/30/2020
3/23/2020
3/24/2020
3/25/2020
3/26/2020

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
6/22/2020				
6/23/2020				
6/24/2020	0.144	0.576	0.345	
9/21/2020				
9/22/2020			0.969	
9/23/2020		0.72		
9/24/2020	0.17			
4/19/2021				
4/20/2021				
4/21/2021			0.713	
4/22/2021	0.173	1.05		
9/28/2021			1.31	
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	<0.125	0.759		
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022			0.884	
5/4/2022	<0.125	0.337		
10/11/2022				
10/12/2022				
10/13/2022		0.563		
10/17/2022				
10/18/2022	0.142		0.321	
4/10/2023				
4/11/2023				
4/12/2023				
4/13/2023		0.719	1.11	
4/18/2023	0.144			
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				<0.125
10/26/2023	0.161	0.365	1.55	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	0.178	0.997	1.5	0.136
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				
10/10/2024				<0.125
10/15/2024				
10/16/2024	0.225	0.45	1.43	

Prediction Limit

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
4/10/2025				
4/11/2025				
4/15/2025				
4/16/2025				0.325
4/17/2025				
4/21/2025	0.276	0.828	1.46	
4/22/2025				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PL

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

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Page 3

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Prediction Limit

Page 5

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-4	MW-6	MW-14	MW-13	MW-12A	MW-14A	MW-5A	MW-21	MW-3
3/23/2020							6.1		
3/24/2020			6.11		5.84	5.8			
3/25/2020				6.52				6.34	
3/26/2020	5.12	6.08							5.14
6/22/2020									
6/23/2020									4.73
6/24/2020								6.23	
9/21/2020									
9/22/2020							5.94	6.42	4.37
9/23/2020	4.94	6.07							
9/24/2020					5.41	5.4			
4/23/2021	6.04	7.26	4.83	6.2	6.78	4.45	6.35	7.1	3.9
9/28/2021	5.03			6.61			6.34		
9/29/2021			6.42			6.08			5.21
9/30/2021		6.04							
10/1/2021					5.83				
10/4/2021								6.53	
10/5/2021									
4/13/2022			5.7						
4/25/2022					5.86				
4/26/2022			6.35				6.09		
4/27/2022		5.75							
5/2/2022				6.41					
5/3/2022	4.86							6.35	5.08
5/4/2022						5.91			
10/11/2022	5.11								4.87
10/12/2022						5.51	5.83		
10/13/2022					5.63			6.65	
10/17/2022		6.39							
10/18/2022				6.02					
4/10/2023	5.58			6.81					4.75
4/11/2023								6.24	
4/12/2023		5.68							
4/13/2023						5.62			
4/18/2023					5.69		5.93		
10/16/2023									
10/17/2023		6.21			5.54				
10/18/2023									
10/19/2023									
10/23/2023							6.36		4.94
10/24/2023						6.07		6.84	
10/25/2023									
10/26/2023									
4/9/2024		5.85			5.74			6.23	
4/11/2024			6.3						
4/17/2024				6.49					
4/22/2024						6.25			
4/23/2024							6.23		5.7
4/24/2024									
10/2/2024		6.33			5.5				
10/3/2024									
10/9/2024						5.69			4.24

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-4	MW-6	MW-14	MW-13	MW-12A	MW-14A	MW-5A	MW-21	MW-3
10/10/2024									
10/15/2024							5.82		
10/16/2024								6.54	
4/10/2025			5.84		5.81				
4/11/2025									
4/15/2025		5.9				5.86			5.38
4/16/2025									
4/17/2025							5.95	6.52	
4/21/2025									
4/22/2025				6.58					

Prediction Limit

Page 7

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-20	MW-19	MW-18	MW-15	MW-22	MW-17	MW-23	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
3/27/2017									
3/28/2017									
3/29/2017									
3/30/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	6.1								
4/7/2019		4.95	6.24	5.49	6.24				
4/8/2019						6.12	6.91	5.9	
4/9/2019									5.78
4/10/2019									
5/21/2019									
5/22/2019	6.16	5.01	6.15	5.55	6.23	6.09	6.72	5.86	5.94
5/23/2019									
9/24/2019			5.94	5.68					
9/25/2019	6.64	4.92						6.06	
9/26/2019					6.39	6.24			
9/27/2019							6.97		
11/18/2019									5.56
11/19/2019			6.08		6.37	6.27	6.92	5.99	
11/20/2019	6.18	4.97		4.98					
1/29/2020									
1/30/2020	6.44	5.57	6.19	5.03	6.41	6.11	6.63	5.85	5.5

Prediction Limit

Page 8

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-20	MW-19	MW-18	MW-15	MW-22	MW-17	MW-23	MW-16	MW-13A
3/23/2020					6.41		6.73		
3/24/2020				5.44				5.97	
3/25/2020	6.39	5.44	6.27			6.22			5.59
3/26/2020									
6/22/2020				5.49				5.95	
6/23/2020	6.33	5.19	6.16		6.44	6.29			5.62
6/24/2020							6.51		
9/21/2020	6.26			5.04	6.23				5.32
9/22/2020		4.8	5.87			6.01		5.78	
9/23/2020									
9/24/2020							6.4		
4/23/2021	7.29	7.15	6.92	7.41	7.1	6.7	5.06	6.25	5.28
9/28/2021						6.45			5.64
9/29/2021		5.84	6.37						
9/30/2021					6.6				
10/1/2021							6.69		
10/4/2021	6.53			6.11				6.17	
10/5/2021									
4/13/2022									
4/25/2022									
4/26/2022		5.65	6.25	5.17				5.99	
4/27/2022									5.39
5/2/2022					6.46				
5/3/2022						6.26			
5/4/2022	6.29						6.62		
10/11/2022	6.66								
10/12/2022			5.81	5.15		5.81		5.68	
10/13/2022					6.4				
10/17/2022									5.47
10/18/2022		4.87					6.26		
4/10/2023				5.14					
4/11/2023	6.06								5.3
4/12/2023			6.04		6.2	6		5.7	
4/13/2023		5.33							
4/18/2023							6.61		
10/16/2023						6.23			
10/17/2023		4.99						5.76	5.33
10/18/2023									
10/19/2023			5.9						
10/23/2023	6.54			5.34					
10/24/2023					6.51				
10/25/2023							6.77		
10/26/2023									
4/9/2024	6.25				6.41				
4/11/2024			6.44	5.77				6.27	
4/17/2024		6.14							5.94
4/22/2024									
4/23/2024									
4/24/2024						6.38	6.84		
10/2/2024									
10/3/2024		4.95	5.89	5.16				5.76	5.15
10/9/2024					6.36				

Page 9

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Prediction Limit

Page 10

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

MW-26 MW-24 MW-25 MW-2R (bg)

3/29/2016
3/30/2016
5/18/2016
5/19/2016
5/20/2016
7/19/2016
7/20/2016
8/4/2016
9/19/2016
9/20/2016
9/21/2016
11/29/2016
11/30/2016
12/1/2016
1/30/2017
1/31/2017
2/1/2017
2/2/2017
3/27/2017
3/28/2017
3/29/2017
3/30/2017
5/22/2017
5/23/2017
5/24/2017
5/25/2017
10/9/2017
10/10/2017
10/11/2017
4/17/2018
4/18/2018
4/19/2018
8/13/2018
8/14/2018
8/15/2018
4/6/2019
4/7/2019
4/8/2019
4/9/2019
4/10/2019
5/21/2019
5/22/2019
5/23/2019
9/24/2019
9/25/2019
9/26/2019
9/27/2019
11/18/2019
11/19/2019
11/20/2019
1/29/2020
1/30/2020

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-24	MW-25	MW-2R (bg)
3/23/2020				
3/24/2020				
3/25/2020				
3/26/2020				
6/22/2020				
6/23/2020				
6/24/2020	6.64	6.74	5.82	
9/21/2020				
9/22/2020		6.43		
9/23/2020			5.74	
9/24/2020	6.38			
4/23/2021	5.12	7.15	4.44	
9/28/2021		7.02		
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	7.04		6.46	
4/13/2022				
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022		6.75		
5/4/2022	6.62		6.16	
10/11/2022				
10/12/2022				
10/13/2022			5.97	
10/17/2022				
10/18/2022	6.26	6.17		
4/10/2023				
4/11/2023				
4/12/2023				
4/13/2023		6.26	5.91	
4/18/2023	6.5			
10/16/2023				
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				5.35
10/26/2023	6.3	6.53	6.12	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	6.65	6.58	6.32	6.32
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-24	MW-25	MW-2R (bg)
10/10/2024				5.71
10/15/2024				
10/16/2024	6.4	6.38	5.82	
4/10/2025				
4/11/2025				
4/15/2025				
4/16/2025				6.17
4/17/2025				
4/21/2025	6.01	6.59	6.1	
4/22/2025				

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
3/29/2016	15	150	610	390	14	77	140		
3/30/2016								230	250
5/18/2016	14				14	180			250
5/19/2016		20	550	480			130	990	
5/20/2016									
7/19/2016	12		490	170 (J)	14	200			
7/20/2016							64	770	190 (J)
8/4/2016									
9/19/2016	14				16				
9/20/2016			610	650		310	94		260
9/21/2016								1200	
11/29/2016	18		710		17	570	100		
11/30/2016				870					260
12/1/2016								830	
1/30/2017									
1/31/2017	20		470		15	280	140		
2/1/2017		140		230					270
2/2/2017								550	
5/22/2017						460			
5/23/2017	16		640		16				
5/24/2017		230		370			130	680	250
5/25/2017									
10/9/2017	12					420			
10/10/2017			520		15			920	
10/11/2017				230			120		230
4/17/2018	12				15	230	170		
4/18/2018		130	580	96				780	
4/19/2018									290
8/13/2018									
8/14/2018	11		560		15	720			200
8/15/2018				400			89	470	
4/6/2019									
4/7/2019				280			170		
4/8/2019									
4/9/2019		<1						690	210
4/10/2019	10		510		14	790			
7/31/2019									
8/1/2019									
9/23/2019									
9/24/2019	14.3		656		20.4	1070			
9/25/2019				158			62.8		
9/26/2019								1330	386
9/27/2019									
11/18/2019									
11/19/2019									
11/20/2019									
1/29/2020									
1/30/2020									
3/23/2020		81.3							
3/24/2020									
3/25/2020								1000	397
3/26/2020	30		637	72.1	17.9	1100	173		

Page 3

[illegible]

Prediction Limit

Page 4

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
3/29/2016									
3/30/2016	870	12							
5/18/2016									
5/19/2016	250	12	230						
5/20/2016				<1					
7/19/2016									
7/20/2016		<1	130						
8/4/2016					310	790	340		
9/19/2016									
9/20/2016		<1			330	890			
9/21/2016			90				390		
11/29/2016			120						
11/30/2016		<1			350	660			
12/1/2016							360		
1/30/2017			170						
1/31/2017				260			300		
2/1/2017	180	21			200	590			
2/2/2017									
5/22/2017			120						
5/23/2017				170			480		
5/24/2017		9.6				430			
5/25/2017	210				210				
10/9/2017									
10/10/2017			63		230	140	390		
10/11/2017		2.9 (J)							
4/17/2018				260			460		
4/18/2018		<1	41 (F1)			170			
4/19/2018	250				320				
8/13/2018			49						
8/14/2018					210				
8/15/2018		<1				130	360		
4/6/2019								26	25
4/7/2019		3.4 (J)							
4/8/2019									
4/9/2019	250		32		240	130			
4/10/2019				160			390		
7/31/2019									
8/1/2019								22.8	27.3
9/23/2019			42.3						
9/24/2019									
9/25/2019								<1	18.4
9/26/2019		<1			261	204	442		
9/27/2019									
11/18/2019									
11/19/2019									46
11/20/2019								13.4	
1/29/2020								11.1	18.4
1/30/2020									
3/23/2020						126	217		
3/24/2020	385			281	395				
3/25/2020			42.1					28.4	49.3
3/26/2020		6.32							

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
6/22/2020									
6/23/2020								41.9	
6/24/2020									67.6
9/21/2020								11.1	
9/22/2020						178			9.34
9/23/2020		<1							
9/24/2020					232		249		
4/19/2021			48.1			116			
4/20/2021								11.5	
4/21/2021	225	3.25			211				51.8
4/22/2021				123			113		
9/28/2021			47			101			
9/29/2021				51.1			117		
9/30/2021		11							
10/1/2021	236				241				
10/4/2021								32.5	89.5
10/5/2021									
4/25/2022	197				190				
4/26/2022				98.9		122			
4/27/2022		10.2							
5/2/2022			46.9						
5/3/2022									81.7
5/4/2022							116	28.7	
10/11/2022								<1	
10/12/2022						177	171		
10/13/2022					253				21.2
10/17/2022		<1							
10/18/2022			30.9						
4/10/2023			27.9						
4/11/2023								14.5	38.9
4/12/2023		<1							
4/13/2023				214			91		
4/18/2023	297				211	114			
10/17/2023					247				
10/18/2023									
10/19/2023									
10/23/2023		<1							
10/24/2023						206	127	<1	19.4
10/25/2023									
10/26/2023									
4/9/2024	215				156			20.7	48.5
4/11/2024				90.7					
4/17/2024			34.9						
4/22/2024		2.62					63.7		
4/23/2024						128			
4/24/2024									
10/2/2024					248				
10/3/2024									
10/9/2024							123		
10/10/2024									
10/15/2024		<1				217			
10/16/2024								<1	20.1

Prediction Limit

Page 6

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
4/10/2025	200			81.6	184				
4/11/2025									
4/15/2025		18.3					39.6	8.15	
4/16/2025									
4/17/2025						107			58.1
4/21/2025									
4/22/2025			27.9						

Prediction Limit

Page 7

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	21								
4/7/2019		90	34	17	12				
4/8/2019						620	220	210	
4/9/2019									54
4/10/2019									
7/31/2019			32.8		21.4		223	198	
8/1/2019	23.1	107		34.8		868			83.3
9/23/2019									76
9/24/2019	26		29.6	27.8					
9/25/2019		94.1						190	
9/26/2019					8.64		232		
9/27/2019						981			
11/18/2019	21.1								81.2
11/19/2019				26.6	13.2	1010	207	193	
11/20/2019		90.7	32.1						
1/29/2020	20.6	73.7			5.75				
1/30/2020			36.3	<1		1240	192	129	85.7
3/23/2020			27.3		16.2	1020		119	
3/24/2020									
3/25/2020		84.7		3.65			278		89.6
3/26/2020	27.8								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Page 8

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
6/22/2020			26.8					106	
6/23/2020	20.6	72.5		12.8	36.3		168		72.6
6/24/2020						1040			
9/21/2020			28.4		15.5				72.8
9/22/2020	19.7	84.3		25.2			88.7	129	
9/23/2020									
9/24/2020						1090			
4/19/2021				<1			149		75
4/20/2021		49.1	27		11.7			95.8	
4/21/2021									
4/22/2021	22.5					1110			
9/28/2021		61.9					164		86.5
9/29/2021	20.8			30.6					
9/30/2021					20.6				
10/1/2021						1110			
10/4/2021			27.6					123	
10/5/2021									
4/25/2022									
4/26/2022		57.3	20.3	1.15				79.2	
4/27/2022									80.7
5/2/2022					20.8				
5/3/2022	23.7						141		
5/4/2022						1140			
10/11/2022	19.9								
10/12/2022			20.2	28.4			174	72.5	
10/13/2022					2.89				
10/17/2022									91
10/18/2022		79.8				169			
4/10/2023	26.4								
4/11/2023									91.3
4/12/2023			23.1	2.04	1.42		157	52.1	
4/13/2023		63.4							
4/18/2023						983			
10/17/2023		66.9	18.5					77	92.7
10/18/2023									
10/19/2023				18.2					
10/23/2023	19.4								
10/24/2023					<1				
10/25/2023						768			
10/26/2023							123		
4/9/2024					11				
4/11/2024			25.2	4.72				49.8	
4/17/2024		74.1							140
4/22/2024									
4/23/2024	36.3								
4/24/2024						910	157		
10/2/2024									
10/3/2024		64.9	20.9	14.8				49.4	113
10/9/2024	28.7				<1				
10/10/2024									
10/15/2024							167		
10/16/2024						1040			

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
4/10/2025		42.6							121
4/11/2025			20.7	3.54				39.3	
4/15/2025	18.7				<1				
4/16/2025									
4/17/2025							126		
4/21/2025						755			
4/22/2025									

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
3/29/2016				
3/30/2016				
5/18/2016				
5/19/2016				
5/20/2016				
7/19/2016				
7/20/2016				
8/4/2016				
9/19/2016				
9/20/2016				
9/21/2016				
11/29/2016				
11/30/2016				
12/1/2016				
1/30/2017				
1/31/2017				
2/1/2017				
2/2/2017				
5/22/2017				
5/23/2017				
5/24/2017				
5/25/2017				
10/9/2017				
10/10/2017				
10/11/2017				
4/17/2018				
4/18/2018				
4/19/2018				
8/13/2018				
8/14/2018				
8/15/2018				
4/6/2019				
4/7/2019				
4/8/2019				
4/9/2019				
4/10/2019				
7/31/2019				
8/1/2019				
9/23/2019				
9/24/2019				
9/25/2019				
9/26/2019				
9/27/2019				
11/18/2019				
11/19/2019				
11/20/2019				
1/29/2020				
1/30/2020				
3/23/2020				
3/24/2020				
3/25/2020				
3/26/2020				

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
6/22/2020				
6/23/2020				
6/24/2020	29	1220	1110	
9/21/2020				
9/22/2020			851	
9/23/2020		1330		
9/24/2020	38.3			
4/19/2021				
4/20/2021				
4/21/2021			717	
4/22/2021	40.4	716		
9/28/2021			204	
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	89.2	919		
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022			375	
5/4/2022	101	693		
10/11/2022				
10/12/2022				
10/13/2022		1360		
10/17/2022				
10/18/2022	109		106	
4/10/2023				
4/11/2023				
4/12/2023				
4/13/2023		708	214	
4/18/2023	44			
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				46.2
10/26/2023	92.8	1220	372	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	52.2	931	261	38.5
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				
10/10/2024				44
10/15/2024				
10/16/2024	102	1600	418	

Prediction Limit

Constituent: Sulfate as SO4 (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
4/10/2025				
4/11/2025				
4/15/2025				
4/16/2025				32.3
4/17/2025				
4/21/2025	59.9	905	186	
4/22/2025				

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
3/29/2016	100	770	1700	1200	46	430	490		
3/30/2016								620	550
5/18/2016	150				56	530			650
5/19/2016		680	2000	1600			430	2800	
5/20/2016									
7/19/2016	90		1900	740	42	760			
7/20/2016							340	2700	590
8/4/2016									
9/19/2016	80				30				
9/20/2016			1800	1800		920	370		590
9/21/2016								3300	
11/29/2016	110		2400		76	1600	380		
11/30/2016				2800					570
12/1/2016								2400	
1/30/2017									
1/31/2017	98		310		32	1100	410		
2/1/2017		1300		770					750
2/2/2017								1700	
5/22/2017						1300			
5/23/2017	74		1800		26				
5/24/2017		940		1100			400	1700	570
5/25/2017									
10/9/2017	150					1500			
10/10/2017			1900		46			2800	
10/11/2017				710			410		520
4/17/2018	140				38	720	480		
4/18/2018		880	1700	410				2100	
4/19/2018									670
8/13/2018									
8/14/2018	110		1700		50	1700			490
8/15/2018				1100			400	1300	
4/6/2019									
4/7/2019				860			370		
4/8/2019									
4/9/2019		700						1900	460
4/10/2019	150		1800		44	1900			
7/31/2019									
8/1/2019									
9/23/2019									
9/24/2019	160		1890		66.2	2360			
9/25/2019				580			298		
9/26/2019								2840	458
9/27/2019									
11/18/2019									
11/19/2019									
11/20/2019									
1/29/2020									
1/30/2020									
3/23/2020		555							
3/24/2020									
3/25/2020								2130	642
3/26/2020	172		1650	356	69.3	2300	398		

Prediction Limit

Page 2

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-1 (bg)	MW-5	MW-4	MW-7	MW-2 (bg)	MW-9	MW-6	MW-11	MW-10
6/22/2020									
6/23/2020									
6/24/2020									
9/21/2020									
9/22/2020									
9/23/2020	118		1850	366	64.5	2350	337		469
9/24/2020								1400	
4/19/2021		725							
4/20/2021				310				1080	779
4/21/2021			1990			1850	455		
4/22/2021	220				56				
9/28/2021		698	1700						
9/29/2021				323					
9/30/2021	232				70.5	1840	421		445
10/1/2021								968	
10/4/2021									
10/5/2021									
4/25/2022						1450			
4/26/2022		658							
4/27/2022							368	848	708
5/2/2022	143				37.8				
5/3/2022			1940	295					
5/4/2022									
10/11/2022	167		1810		51.5	1390			
10/12/2022									
10/13/2022									452
10/17/2022				337			372	622	
10/18/2022									
4/11/2023	188				58.4	1200			
4/12/2023				278			357	634	563
4/13/2023									
4/18/2023		645	1600						
10/17/2023							310		
10/18/2023				236				516	378
10/19/2023						1130			
10/23/2023	118								
10/24/2023									
10/25/2023									
10/26/2023									
4/9/2024							304		
4/11/2024		414							
4/17/2024						1090			
4/22/2024				246					514
4/23/2024	150							528	
4/24/2024									
10/2/2024						1170	312		
10/3/2024									
10/9/2024				200					
10/10/2024	124							596	428
10/15/2024									
10/16/2024									
4/10/2025		547				1100			

Page 3

[illegible]

Prediction Limit

Page 4

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
3/29/2016									
3/30/2016	2700	210							
5/18/2016									
5/19/2016	690	270	520						
5/20/2016				470					
7/19/2016									
7/20/2016		330	370						
8/4/2016					810	2500	1100		
9/19/2016									
9/20/2016		320			750	2300			
9/21/2016			310				1100		
11/29/2016			740						
11/30/2016		300			770	1800			
12/1/2016							1100		
1/30/2017			570						
1/31/2017				870			1200		
2/1/2017	530	300			670	2200			
2/2/2017									
5/22/2017			350						
5/23/2017				580			1100		
5/24/2017		280				1600			
5/25/2017	560				550				
10/9/2017									
10/10/2017			250		620	1300	1200		
10/11/2017		280							
4/17/2018				970			1400		
4/18/2018		200	170			1300			
4/19/2018	800				900				
8/13/2018			200						
8/14/2018					520				
8/15/2018		320				1000	1100		
4/6/2019								170	220
4/7/2019		190							
4/8/2019									
4/9/2019	660		200		660	920			
4/10/2019				780			1000		
7/31/2019									
8/1/2019								245	330
9/23/2019			210						
9/24/2019									
9/25/2019								212	300
9/26/2019		270			557	794	933		
9/27/2019									
11/18/2019									
11/19/2019									296
11/20/2019								202	
1/29/2020								146	265
1/30/2020									
3/23/2020						612	636		
3/24/2020	716			678	717				
3/25/2020			222					208	314
3/26/2020		241							

Prediction Limit

Page 5

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
6/22/2020									
6/23/2020								246	
6/24/2020									369
9/21/2020								242	
9/22/2020						646			298
9/23/2020		250							
9/24/2020					538		684		
4/19/2021			204			579			
4/20/2021								233	
4/21/2021	640	229			575				424
4/22/2021				667			512		
9/28/2021			559			640			
9/29/2021				522			518		
9/30/2021		256							
10/1/2021	524				242				
10/4/2021								180	294
10/5/2021									
4/25/2022	516				460				
4/26/2022				613		652			
4/27/2022		202							
5/2/2022			174						
5/3/2022									313
5/4/2022							492	206	
10/11/2022								185	
10/12/2022						608	548		
10/13/2022					537				312
10/17/2022		320							
10/18/2022			187						
4/11/2023								210	312
4/12/2023		198							
4/13/2023				466			392		
4/18/2023	606		228		447	524			
10/17/2023					518				
10/18/2023									
10/19/2023									
10/23/2023		234							
10/24/2023						582	350	128	252
10/25/2023									
10/26/2023									
4/9/2024	494				402			262	248
4/11/2024				378					
4/17/2024			192						
4/22/2024		198					390		
4/23/2024						524			
4/24/2024									
10/2/2024					520				
10/3/2024									
10/9/2024							448		
10/10/2024									
10/15/2024		240				578			
10/16/2024								188	304
4/10/2025	488			432	454				

Prediction Limit

Page 6

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-8	MW-13	MW-14	MW-12A	MW-5A	MW-14A	MW-20	MW-21
4/11/2025									
4/15/2025		192					332	182	
4/16/2025									
4/17/2025						556			278
4/21/2025									
4/22/2025			169						

Prediction Limit

Page 7

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
3/29/2016									
3/30/2016									
5/18/2016									
5/19/2016									
5/20/2016									
7/19/2016									
7/20/2016									
8/4/2016									
9/19/2016									
9/20/2016									
9/21/2016									
11/29/2016									
11/30/2016									
12/1/2016									
1/30/2017									
1/31/2017									
2/1/2017									
2/2/2017									
5/22/2017									
5/23/2017									
5/24/2017									
5/25/2017									
10/9/2017									
10/10/2017									
10/11/2017									
4/17/2018									
4/18/2018									
4/19/2018									
8/13/2018									
8/14/2018									
8/15/2018									
4/6/2019	24								
4/7/2019		210	150	260	360				
4/8/2019						2000	1300	700	
4/9/2019									190
4/10/2019									
7/31/2019			104		420		945	726	
8/1/2019	<51	258		196		2100			264
9/23/2019									289
9/24/2019	70.7		128	220					
9/25/2019		283						602	
9/26/2019					390		765		
9/27/2019						2200			
11/18/2019	52.5								236
11/19/2019				157	383	2170	792	576	
11/20/2019		229	98.9						
1/29/2020	52.6	145			364				
1/30/2020			106	263		2910	1050	555	278
3/23/2020			76		402	2200		463	
3/24/2020									
3/25/2020		220		227			872		266
3/26/2020	80								

ND substitution: RL or RL/2 if <15% NDs.

Prediction Limit

Page 8

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
6/22/2020			87.7					520	
6/23/2020	66.6	220		208	429		998		287
6/24/2020						2830			
9/21/2020			112		434				242
9/22/2020	56	217		170			642	517	
9/23/2020									
9/24/2020						2430			
4/19/2021				238			724		312
4/20/2021		166	83.3		406			469	
4/21/2021									
4/22/2021	125					2730			
9/28/2021		170					695		340
9/29/2021	61.3			163					
9/30/2021					420				
10/1/2021						2860			
10/4/2021			66					492	
10/5/2021									
4/25/2022									
4/26/2022		188	70	234				440	
4/27/2022									323
5/2/2022					404				
5/3/2022	61.4						600		
5/4/2022						2930			
10/11/2022	73.6								
10/12/2022			79.5	239			672	385	
10/13/2022					393				
10/17/2022									339
10/18/2022		235				1780			
4/11/2023									308
4/12/2023			85.7	208	402		603	322	
4/13/2023		126							
4/18/2023	<51					1950			
10/17/2023		226	68					376	314
10/18/2023									
10/19/2023				148					
10/23/2023	<51								
10/24/2023					338				
10/25/2023						1620			
10/26/2023							526		
4/9/2024					384				
4/11/2024			<51	182				272	
4/17/2024		168							348
4/22/2024									
4/23/2024	52								
4/24/2024						1960	578		
10/2/2024									
10/3/2024		160	<51	145				276	353
10/9/2024	50				369				
10/10/2024									
10/15/2024							532		
10/16/2024						1530			
4/10/2025		160							378

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-19	MW-15	MW-18	MW-22	MW-23	MW-17	MW-16	MW-13A
4/11/2025			<51	243				233	
4/15/2025	81				369				
4/16/2025									
4/17/2025							584		
4/21/2025						1600			
4/22/2025									

Prediction Limit

Page 10

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
3/29/2016				
3/30/2016				
5/18/2016				
5/19/2016				
5/20/2016				
7/19/2016				
7/20/2016				
8/4/2016				
9/19/2016				
9/20/2016				
9/21/2016				
11/29/2016				
11/30/2016				
12/1/2016				
1/30/2017				
1/31/2017				
2/1/2017				
2/2/2017				
5/22/2017				
5/23/2017				
5/24/2017				
5/25/2017				
10/9/2017				
10/10/2017				
10/11/2017				
4/17/2018				
4/18/2018				
4/19/2018				
8/13/2018				
8/14/2018				
8/15/2018				
4/6/2019				
4/7/2019				
4/8/2019				
4/9/2019				
4/10/2019				
7/31/2019				
8/1/2019				
9/23/2019				
9/24/2019				
9/25/2019				
9/26/2019				
9/27/2019				
11/18/2019				
11/19/2019				
11/20/2019				
1/29/2020				
1/30/2020				
3/23/2020				
3/24/2020				
3/25/2020				
3/26/2020				

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
6/22/2020				
6/23/2020				
6/24/2020	224	2620	2310	
9/21/2020				
9/22/2020			1930	
9/23/2020		2850		
9/24/2020	202			
4/19/2021				
4/20/2021				
4/21/2021			1810	
4/22/2021	272	1550		
9/28/2021			682	
9/29/2021				
9/30/2021				
10/1/2021				
10/4/2021				
10/5/2021	368	1820		
4/25/2022				
4/26/2022				
4/27/2022				
5/2/2022				
5/3/2022			1080	
5/4/2022	396	1590		
10/11/2022				
10/12/2022				
10/13/2022		2740		
10/17/2022				
10/18/2022	338		1240	
4/11/2023				
4/12/2023				
4/13/2023		1360	543	
4/18/2023	263			
10/17/2023				
10/18/2023				
10/19/2023				
10/23/2023				
10/24/2023				
10/25/2023				150
10/26/2023	304	2750	853	
4/9/2024				
4/11/2024				
4/17/2024				
4/22/2024				
4/23/2024	264	1620	823	312
4/24/2024				
10/2/2024				
10/3/2024				
10/9/2024				
10/10/2024				242
10/15/2024				
10/16/2024	322	2680	786	
4/10/2025				

Prediction Limit

Constituent: Total Dissolved Solids [TDS] (mg/L) Analysis Run 6/17/2025 7:20 AM View: Interwell PLs
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-25	MW-24	MW-2R (bg)
4/11/2025				
4/15/2025				
4/16/2025				336
4/17/2025				
4/21/2025	272	1870	630	
4/22/2025				

FIGURE E.

Appendix III - Trend Tests - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:31 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron, total (mg/L)	MW-1 (bg)	-0.003253	-102	-98	Yes	23	43.48	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-11	-0.9071	-116	-98	Yes	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12	-0.0991	-45	-43	Yes	13	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12A	-0.06697	-128	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13	-0.09272	-94	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13A	0.0177	103	63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-14A	-0.5105	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-16	-0.3163	-112	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-17	-0.5349	-102	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-19	-0.02456	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-5A	-1.098	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-7	-0.9442	-202	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-1 (bg)	1.213	114	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-11	-43.45	-133	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-12A	-6.794	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-14A	-16.63	-138	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-17	-17.46	-100	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-5A	-36.92	-164	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-7	-23.93	-191	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-10	-3.779	-101	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-11	-44.14	-169	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12	-10.22	-52	-43	Yes	13	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12A	-7.168	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-13A	9.275	130	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-14A	-24.98	-146	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-16	-14.91	-118	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-17	-15.7	-90	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-21	-3.042	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-5A	-29.15	-159	-87	Yes	21	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-1 (bg)	0.01263	149	98	Yes	23	47.83	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-4	0.02939	86	74	Yes	19	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-8	0.04428	167	152	Yes	31	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-11	-80.89	-137	-98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-13A	6.942	86	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-17	-15.13	-67	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-2 (bg)	0.6305	87	74	Yes	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-5A	-27.02	-101	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-1 (bg)	6.9	100	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-11	-240.4	-149	-98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12	-28.97	-46	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12A	-35.25	-127	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-13A	20.12	96	63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-17	-76	-96	-63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-24	-293.4	-35	-34	Yes	11	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5	-45.86	-48	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5A	-164.7	-178	-87	Yes	21	0	n/a	n/a	0.01	NP

Appendix III - Trend Tests - All Results

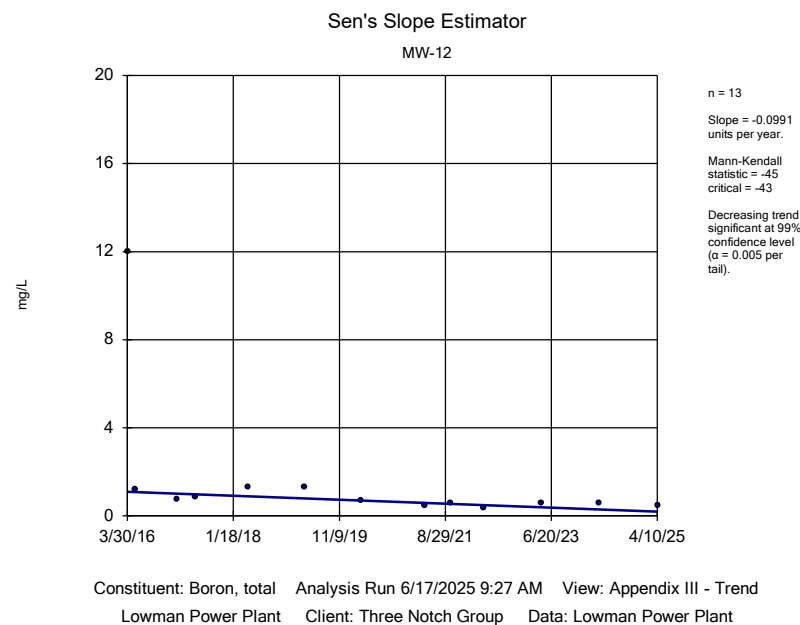
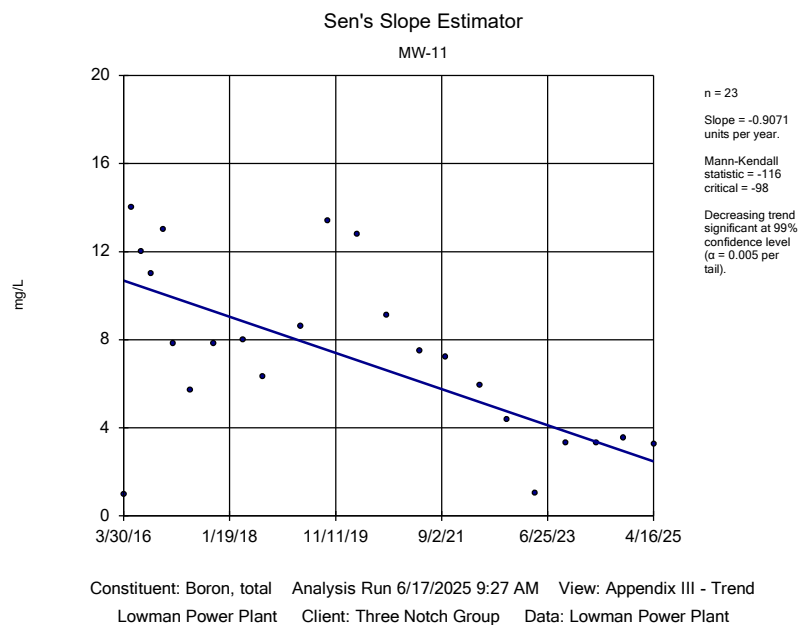
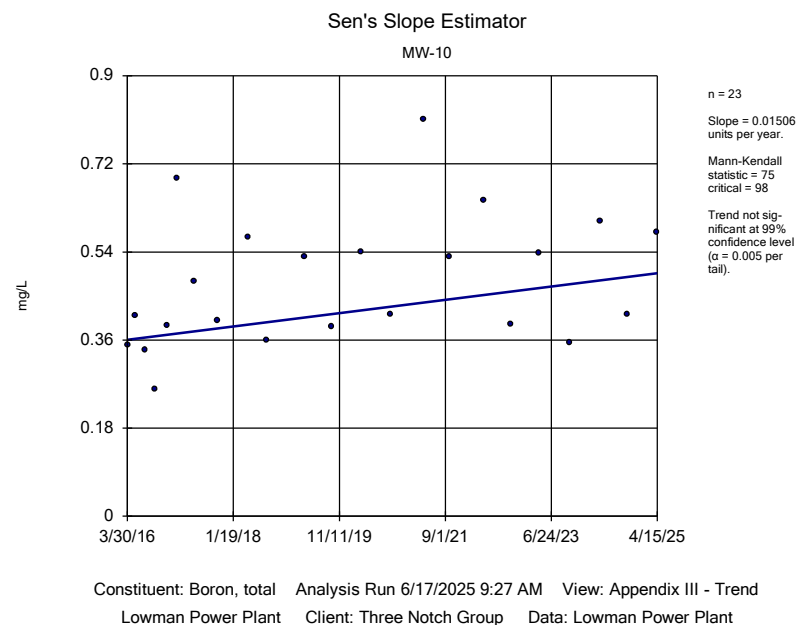
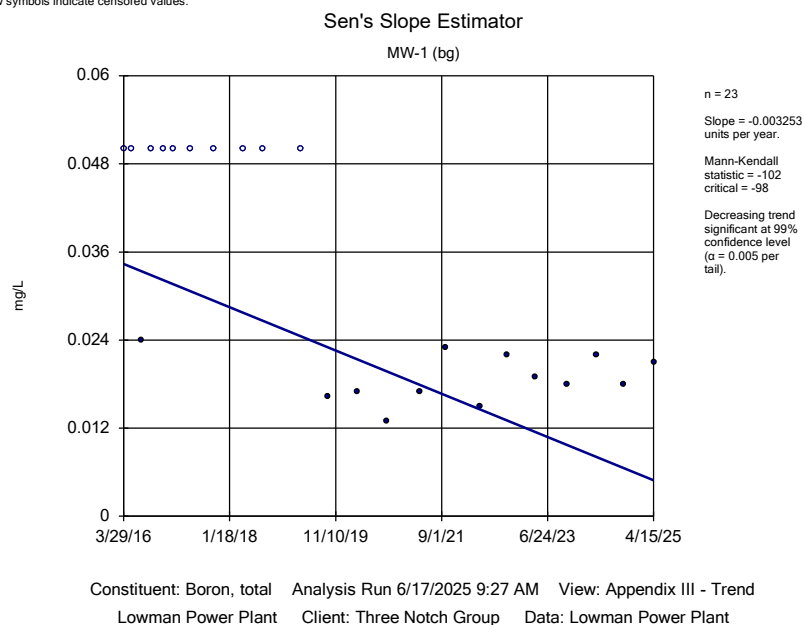
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Boron, total (mg/L)	MW-1 (bg)	-0.003253	-102	-98	Yes	23	43.48	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-10	0.01506	75	98	No	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-11	-0.9071	-116	-98	Yes	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12	-0.0991	-45	-43	Yes	13	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-12A	-0.06697	-128	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13	-0.09272	-94	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-13A	0.0177	103	63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-14	-0.08115	-16	-38	No	12	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-14A	-0.5105	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-16	-0.3163	-112	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-17	-0.5349	-102	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-18	-0.008199	-41	-63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-19	-0.02456	-76	-63	Yes	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-2 (bg)	-0.00149	-67	-74	No	19	52.63	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-20	0.001152	29	63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-21	0.0005922	1	63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-22	0.0003576	6	63	No	17	5.882	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-23	-0.8994	-57	-63	No	17	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-24	-1.419	-33	-34	No	11	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-25	-0.9125	-19	-34	No	11	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-26	0	-1	-34	No	11	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-4	0.09892	53	74	No	19	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-5	-0.07841	-12	-43	No	13	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-5A	-1.098	-181	-87	Yes	21	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-6	-0.01652	-95	-98	No	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-7	-0.9442	-202	-98	Yes	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-8	0.008117	56	98	No	23	0	n/a	n/a	0.01	NP
Boron, total (mg/L)	MW-9	0.3051	87	98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-1 (bg)	1.213	114	98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-10	-3.028	-77	-98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-11	-43.45	-133	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-12	-4.889	-42	-43	No	13	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-12A	-6.794	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-14	-7.939	-22	-38	No	12	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-14A	-16.63	-138	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-17	-17.46	-100	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-2 (bg)	0	-8	-74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-20	-0.2669	-10	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-21	-1.22	-29	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-22	-1.122	-17	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-23	-11.85	-28	-63	No	17	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-24	-56.78	-30	-34	No	11	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-25	-6.149	-1	-34	No	11	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-26	-1.752	-3	-34	No	11	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-4	-2.629	-41	-74	No	19	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-5	-7.061	-41	-43	No	13	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-5A	-36.92	-164	-87	Yes	21	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-6	-1.646	-65	-98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-7	-23.93	-191	-98	Yes	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-8	-0.8418	-63	-98	No	23	0	n/a	n/a	0.01	NP
Calcium, total (mg/L)	MW-9	23	94	98	No	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-1 (bg)	-0.08252	-87	-98	No	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-10	-3.779	-101	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-11	-44.14	-169	-98	Yes	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12	-10.22	-52	-43	Yes	13	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-12A	-7.168	-149	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-13A	9.275	130	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-14	-9.637	-35	-38	No	12	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-14A	-24.98	-146	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-16	-14.91	-118	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-17	-15.7	-90	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-2 (bg)	-0.1119	-28	-74	No	19	21.05	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-21	-3.042	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-23	-25.92	-36	-63	No	17	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-24	-43.49	-27	-34	No	11	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-25	-24.28	-11	-34	No	11	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-4	-1.788	-18	-74	No	19	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-5	-5.429	-32	-43	No	13	0	n/a	n/a	0.01	NP

Appendix III - Trend Tests - All Results

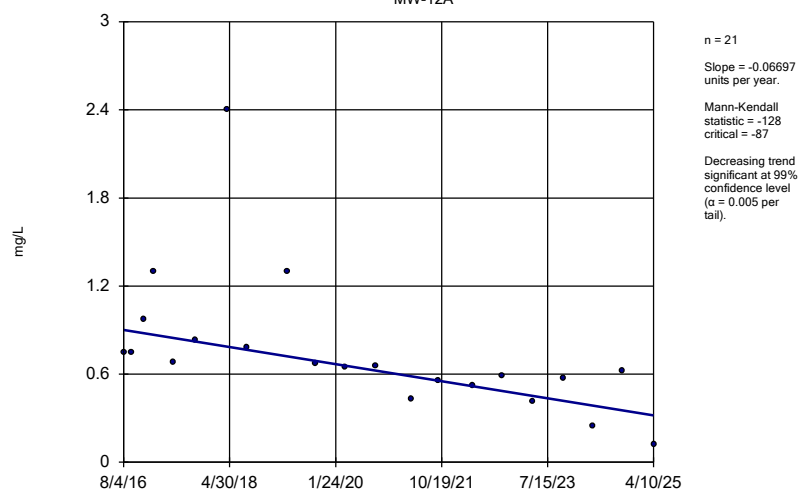
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:31 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Chloride, Total (mg/L)	MW-5A	-29.15	-159	-87	Yes	21	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-8	-2.833	-76	-98	No	23	0	n/a	n/a	0.01	NP
Chloride, Total (mg/L)	MW-9	-7.471	-19	-98	No	23	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-1 (bg)	0.01263	149	98	Yes	23	47.83	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-11	0	-4	-98	No	23	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-17	0.0905	32	63	No	17	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-2 (bg)	0	0	74	No	19	94.74	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-23	-0.07633	-20	-63	No	17	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-24	0.1939	27	34	No	11	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-25	-0.0003916	-1	-34	No	11	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-4	0.02939	86	74	Yes	19	0	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-5A	-0.02239	-31	-87	No	21	4.762	n/a	n/a	0.01	NP
Fluoride, total (mg/L)	MW-7	0.1019	88	98	No	23	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-1 (bg)	0.05343	94	105	No	24	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-11	0.02949	126	152	No	31	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-2 (bg)	0.005783	9	81	No	20	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-23	-0.008338	-4	-63	No	17	0	n/a	n/a	0.01	NP
pH, Field (SU)	MW-8	0.04428	167	152	Yes	31	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-1 (bg)	0.8622	65	98	No	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-10	1.58	17	98	No	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-11	-80.89	-137	-98	Yes	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-12	-5.347	-17	-43	No	13	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-12A	-8.466	-48	-87	No	21	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-13A	6.942	86	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-14	-11.04	-17	-38	No	12	8.333	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-17	-15.13	-67	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-2 (bg)	0.6305	87	74	Yes	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-21	1.986	21	63	No	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-23	2.469	4	63	No	17	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-24	-137.2	-23	-34	No	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-25	4.705	2	34	No	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-26	6.401	25	34	No	11	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-4	26.77	74	74	No	19	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-5	-5.893	-8	-43	No	13	7.692	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-5A	-27.02	-101	-87	Yes	21	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-6	-3.327	-53	-98	No	23	0	n/a	n/a	0.01	NP
Sulfate as SO4 (mg/L)	MW-9	51.98	79	98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-1 (bg)	6.9	100	98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-10	-17.27	-85	-98	No	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-11	-240.4	-149	-98	Yes	23	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12	-28.97	-46	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-12A	-35.25	-127	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-13A	20.12	96	63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-14	-53.43	-34	-38	No	12	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-17	-76	-96	-63	Yes	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-2 (bg)	2.386	41	74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-22	-4.305	-21	-63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-23	-84.26	-33	-63	No	17	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-24	-293.4	-35	-34	Yes	11	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-25	-29.84	-1	-34	No	11	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-4	-10.07	-17	-74	No	19	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5	-45.86	-48	-43	Yes	13	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-5A	-164.7	-178	-87	Yes	21	0	n/a	n/a	0.01	NP
Total Dissolved Solids [TDS] (mg/L)	MW-9	51	38	98	No	23	0	n/a	n/a	0.01	NP



Sen's Slope Estimator

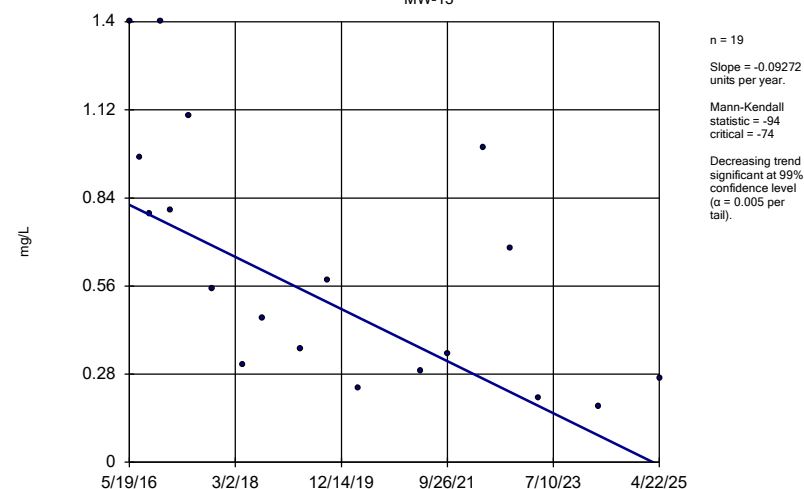
MW-12A



Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

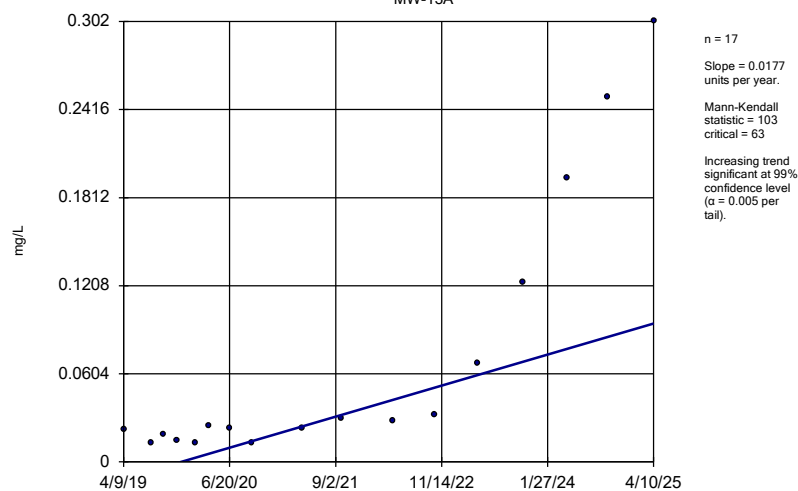
MW-13



Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

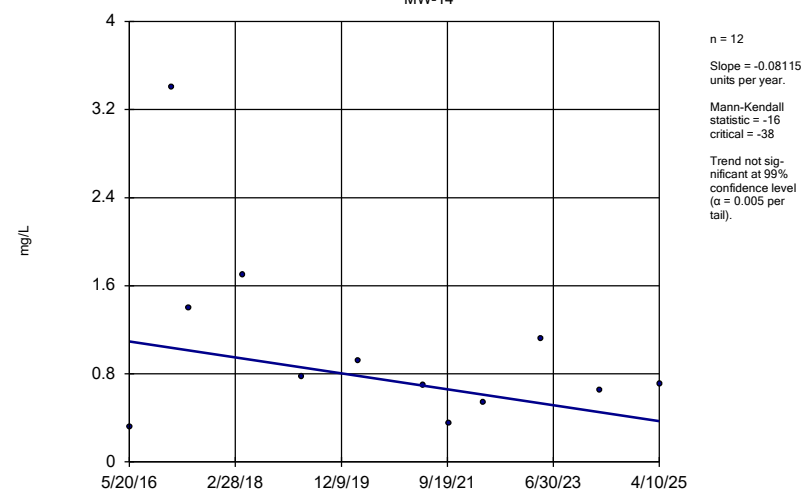
MW-13A



Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

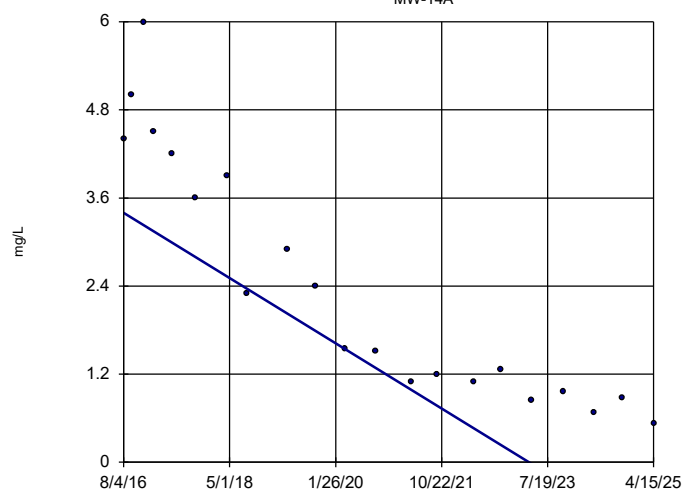
MW-14



Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-14A

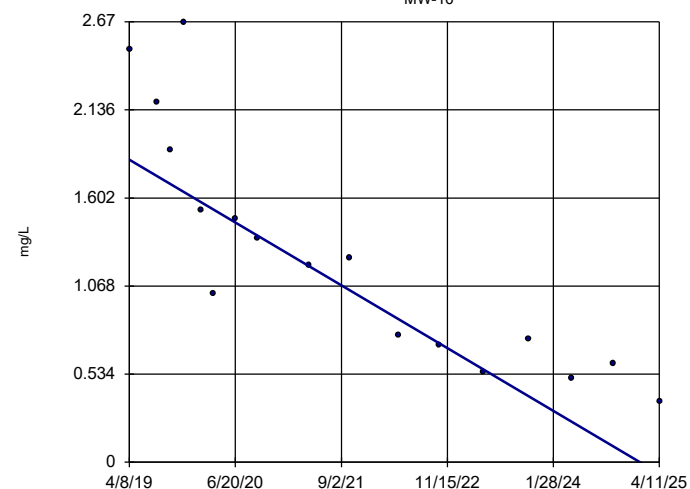


n = 21
Slope = -0.5105
units per year.
Mann-Kendall
statistic = -181
critical = -87
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-16

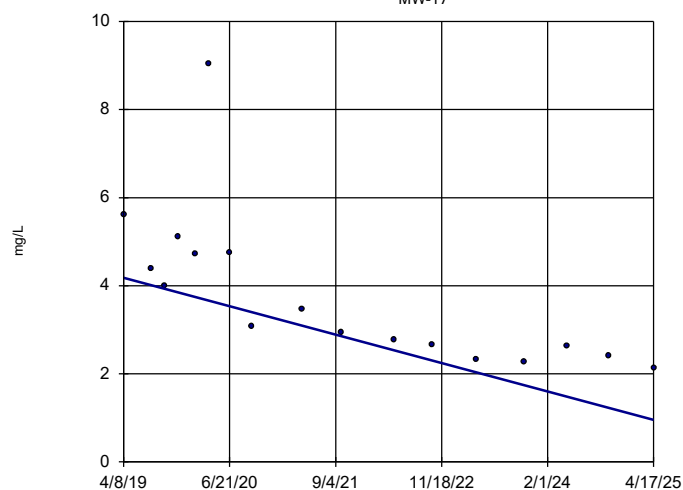


n = 17
Slope = -0.3163
units per year.
Mann-Kendall
statistic = -112
critical = -63
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-17

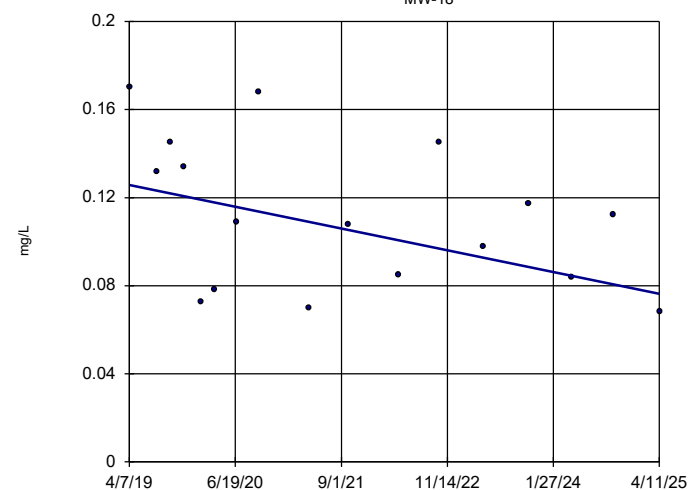


n = 17
Slope = -0.5349
units per year.
Mann-Kendall
statistic = -102
critical = -63
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

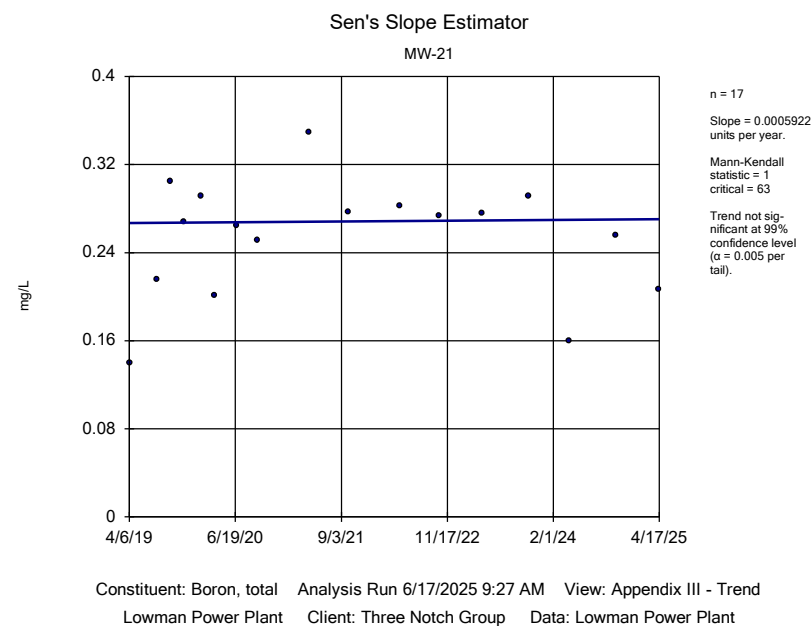
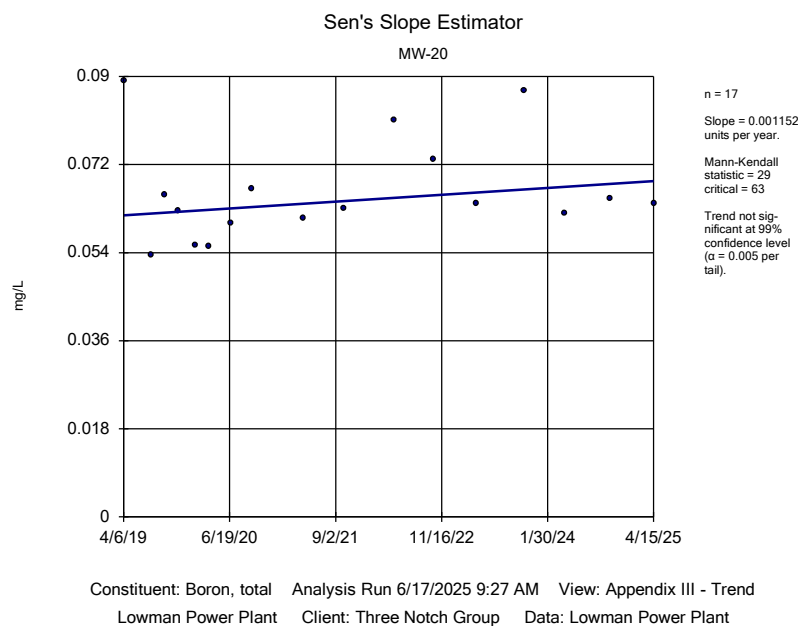
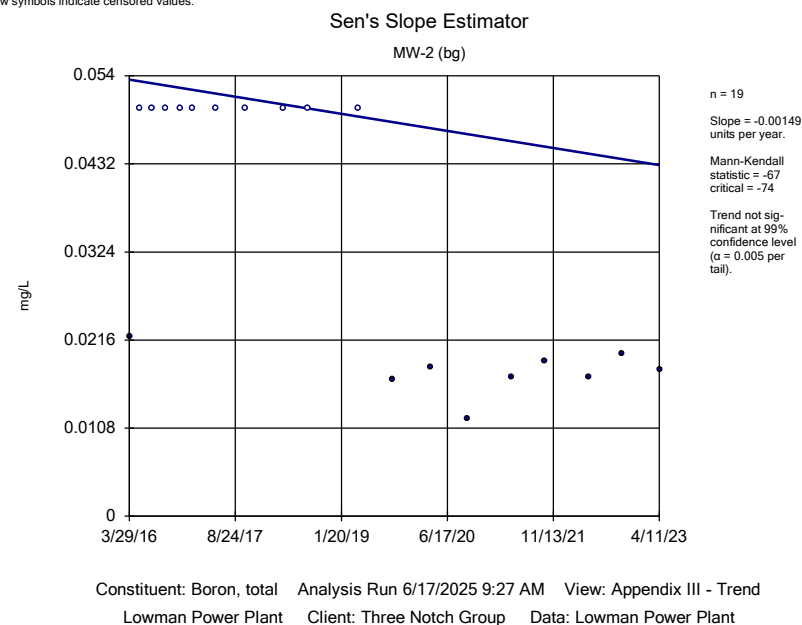
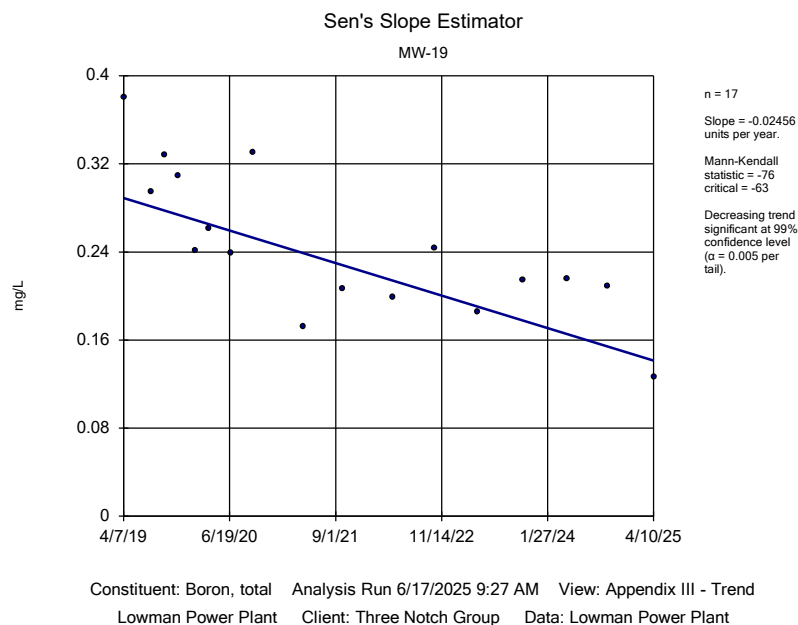
Sen's Slope Estimator

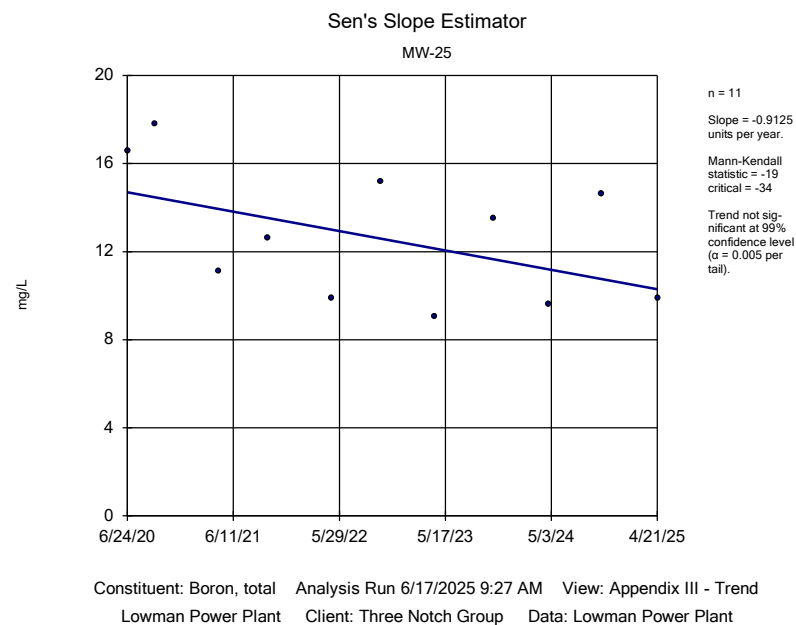
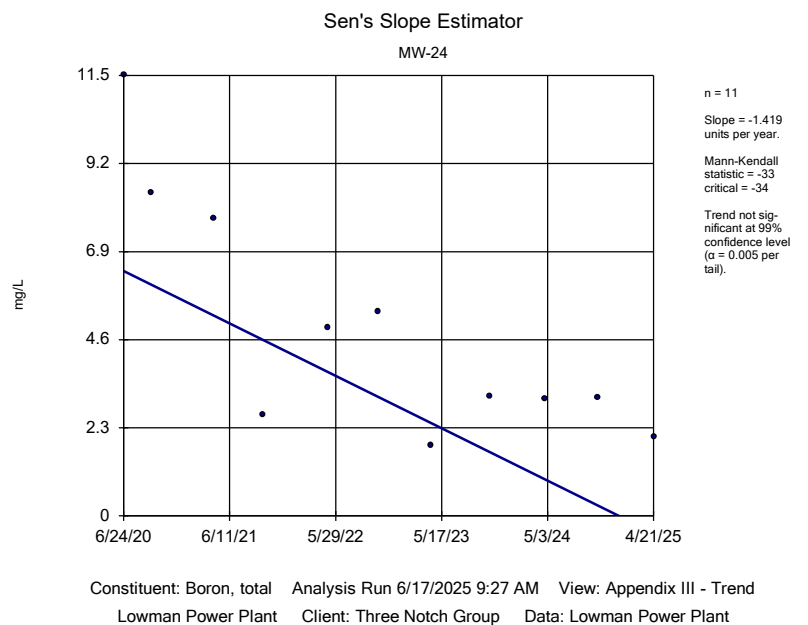
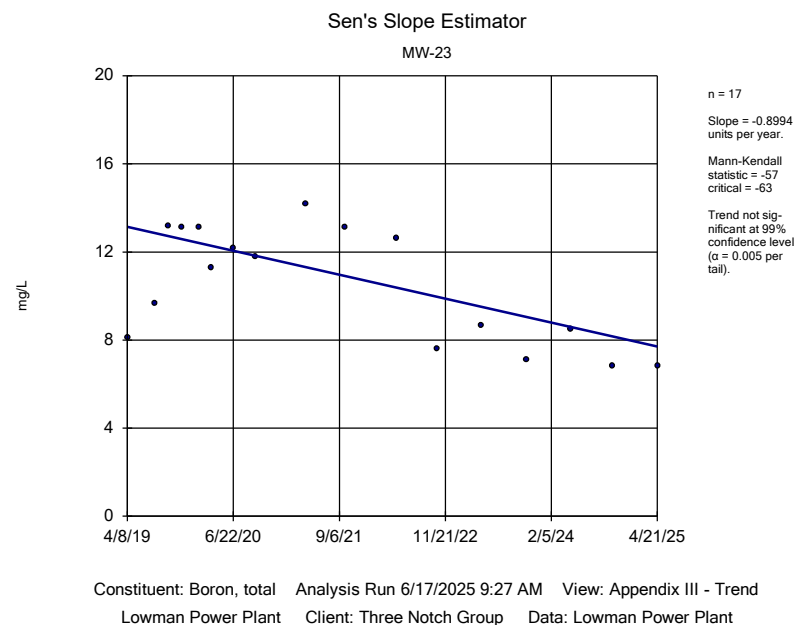
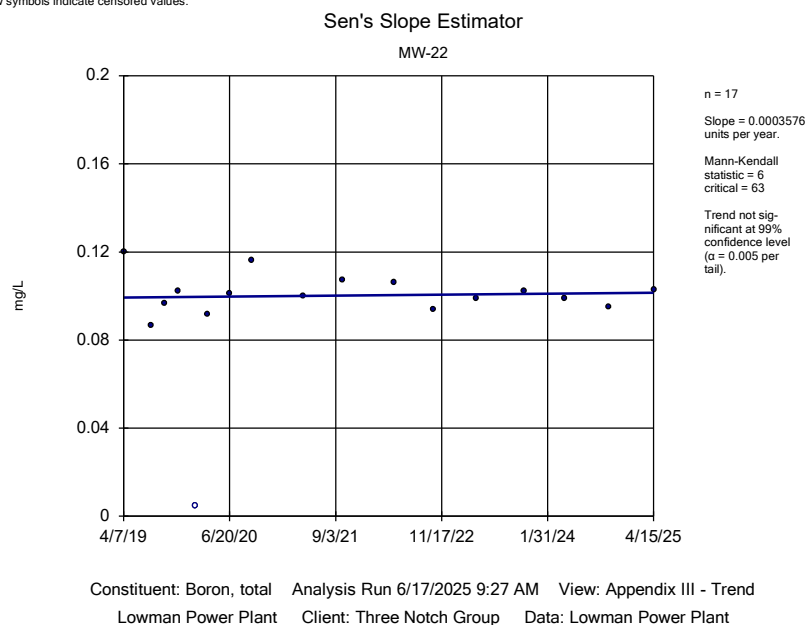
MW-18

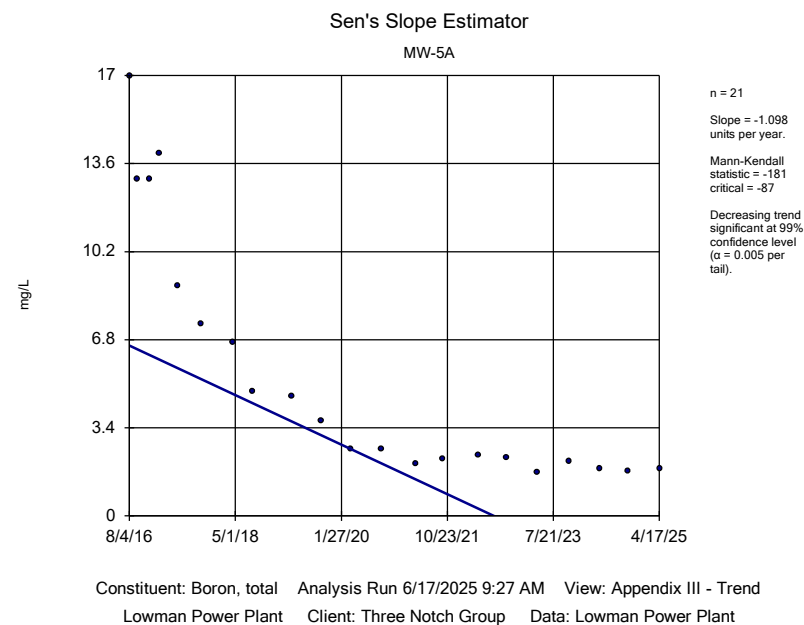
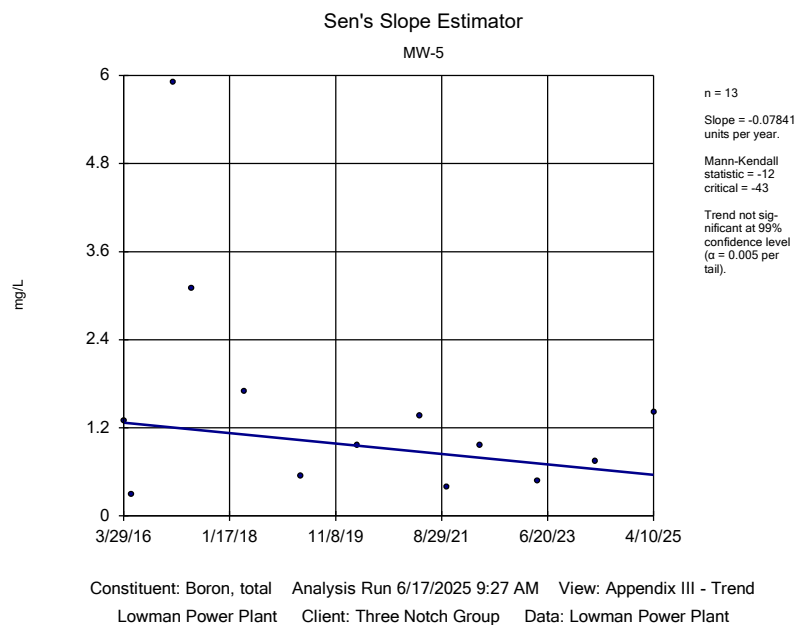
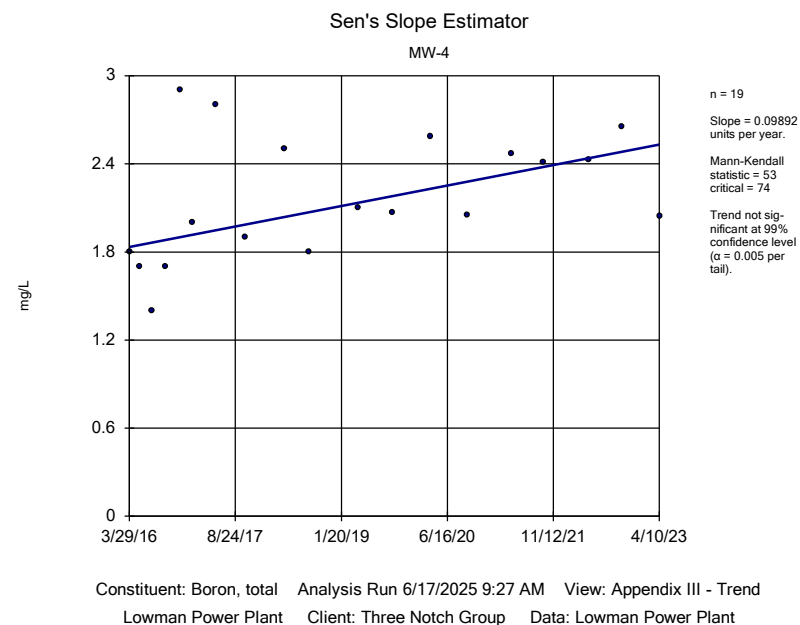
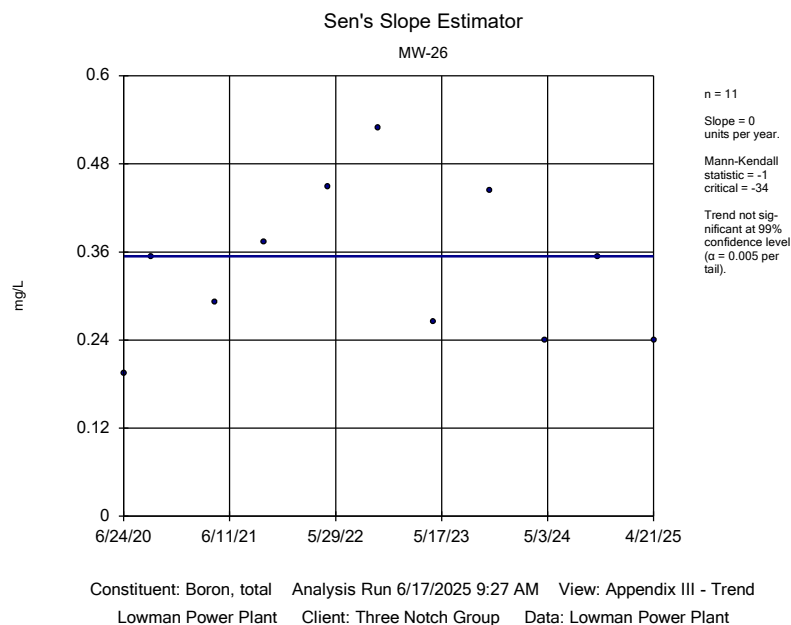


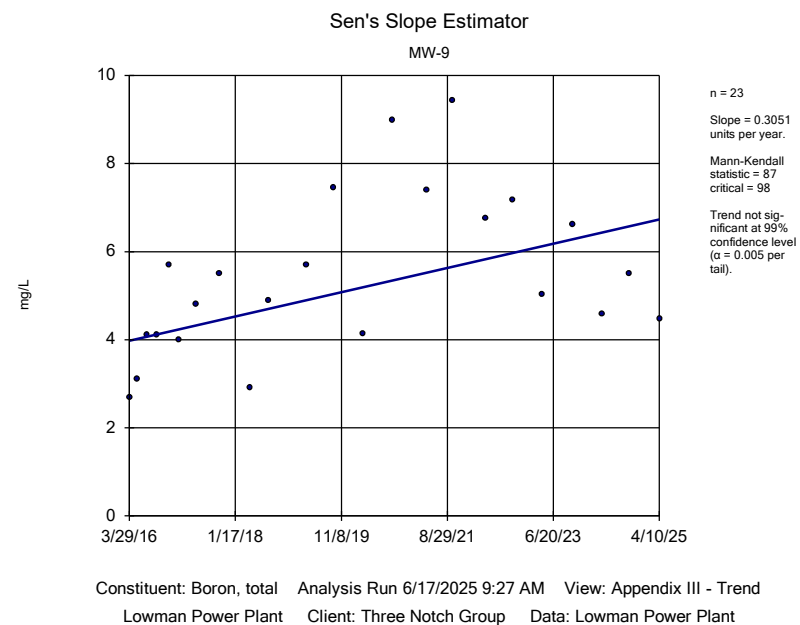
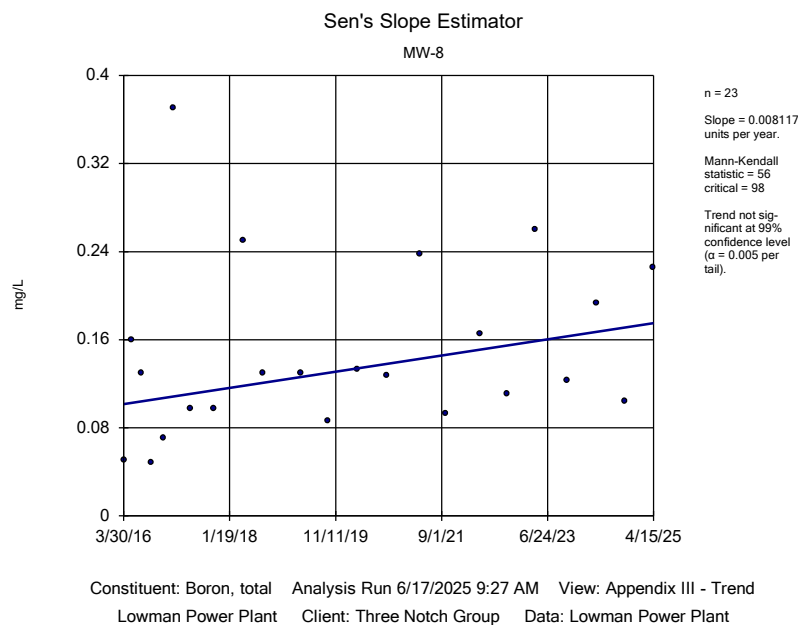
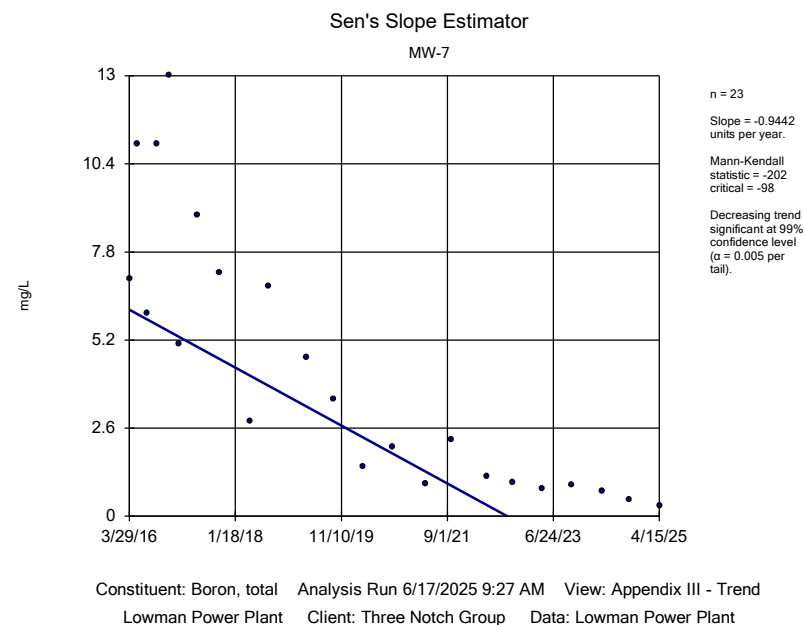
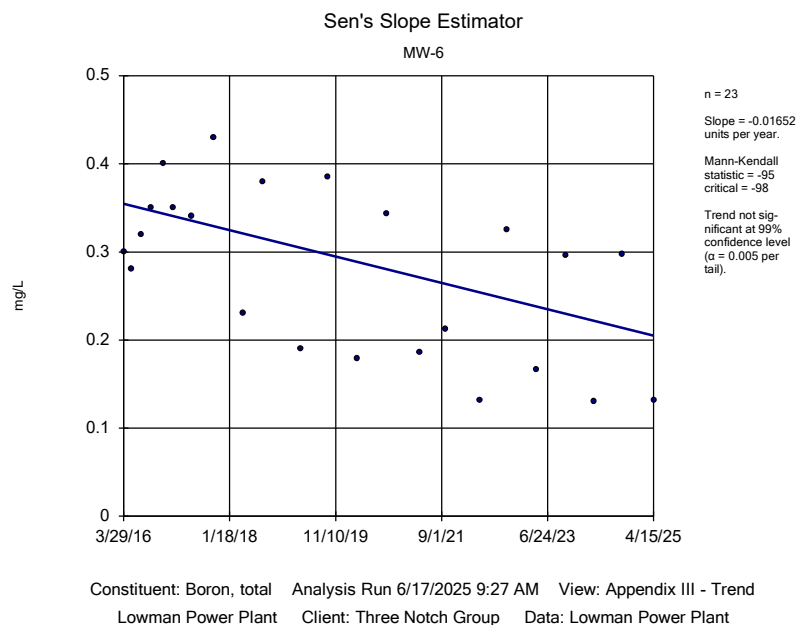
n = 17
Slope = -0.008199
units per year.
Mann-Kendall
statistic = -41
critical = -63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Boron, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



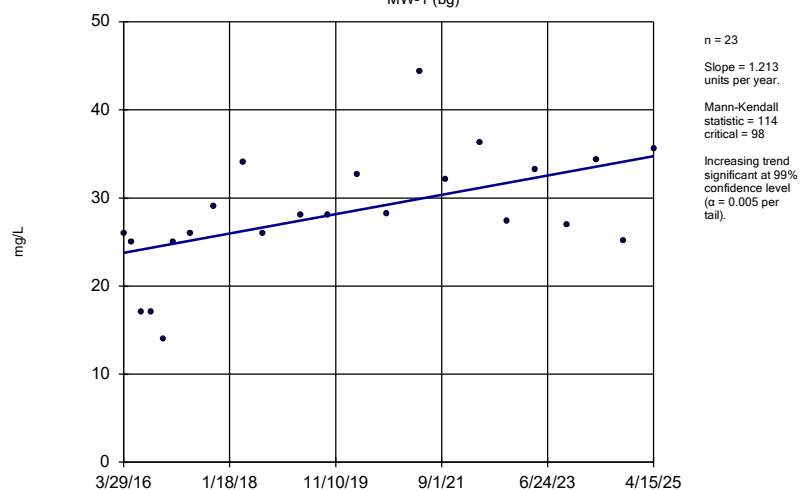






Sen's Slope Estimator

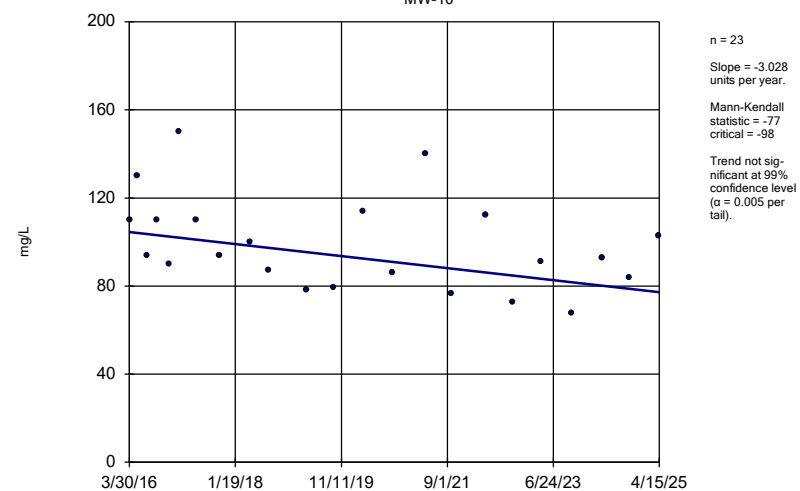
MW-1 (bg)



Constituent: Calcium, total Analysis Run 6/17/2025 9:27 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

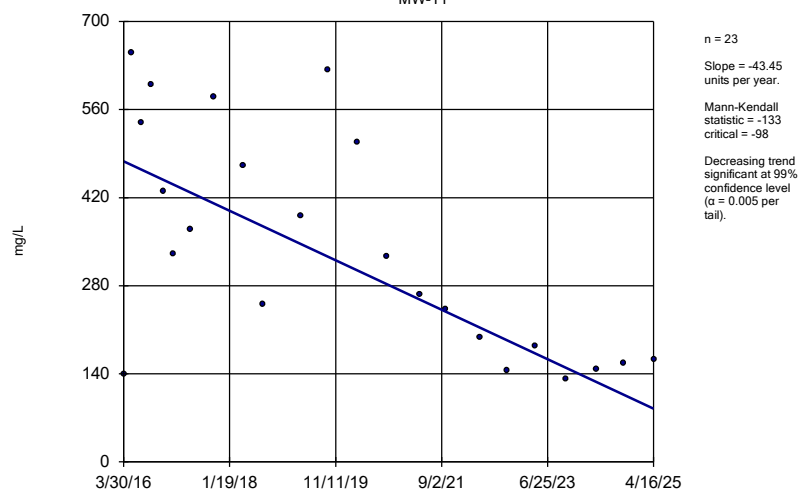
MW-10



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

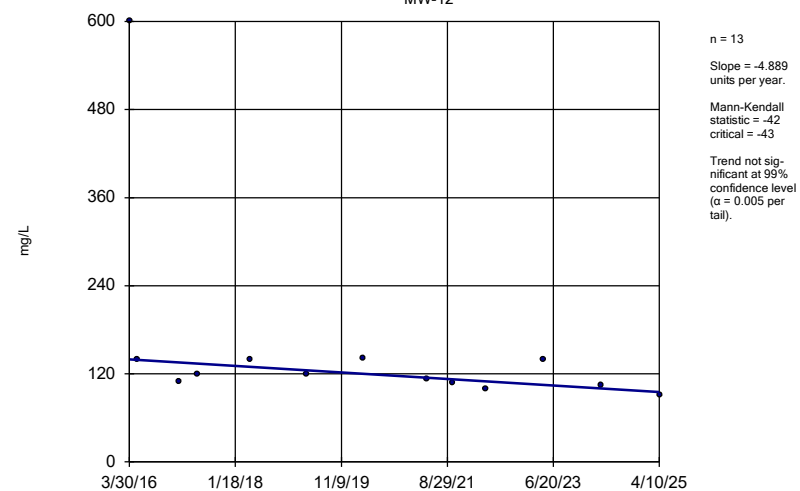
MW-11



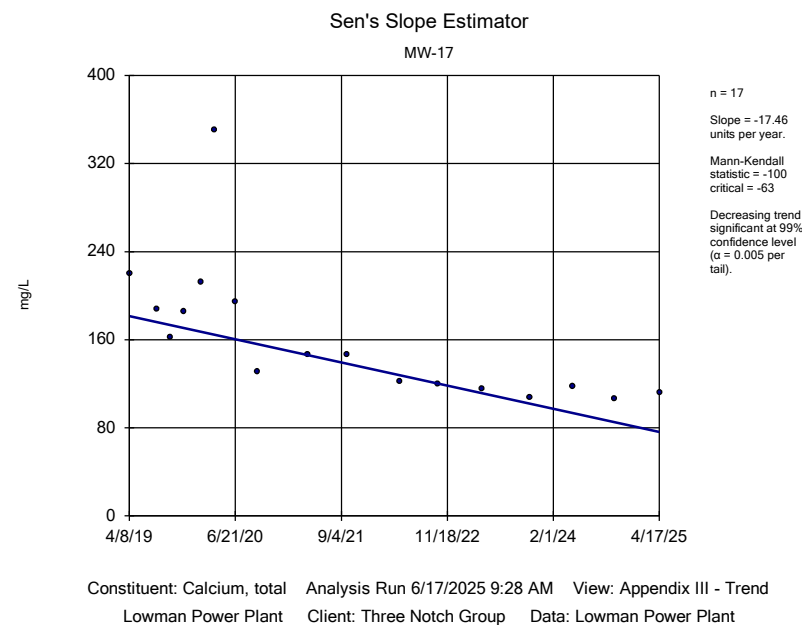
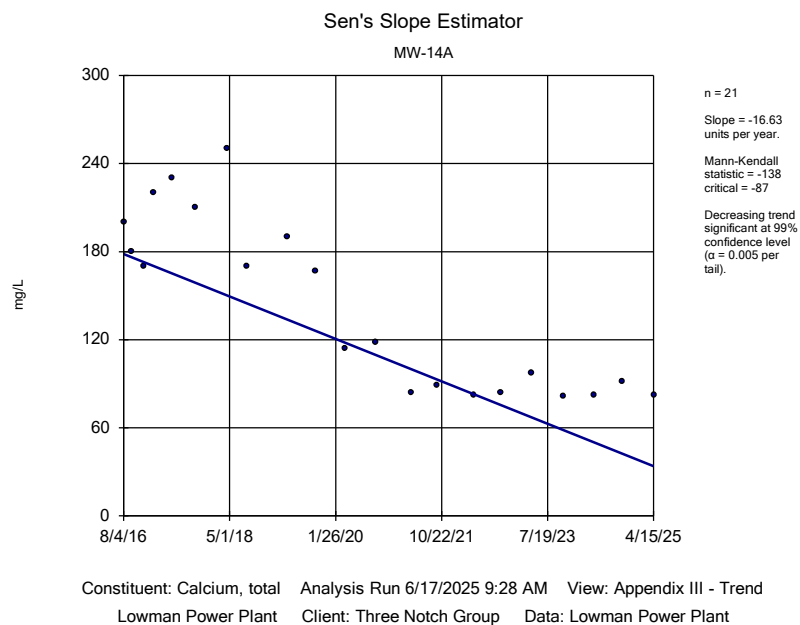
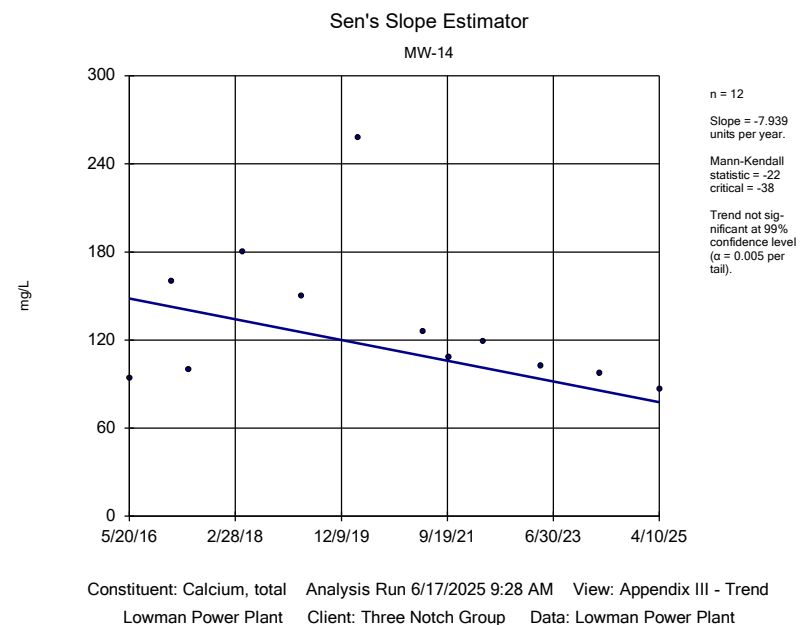
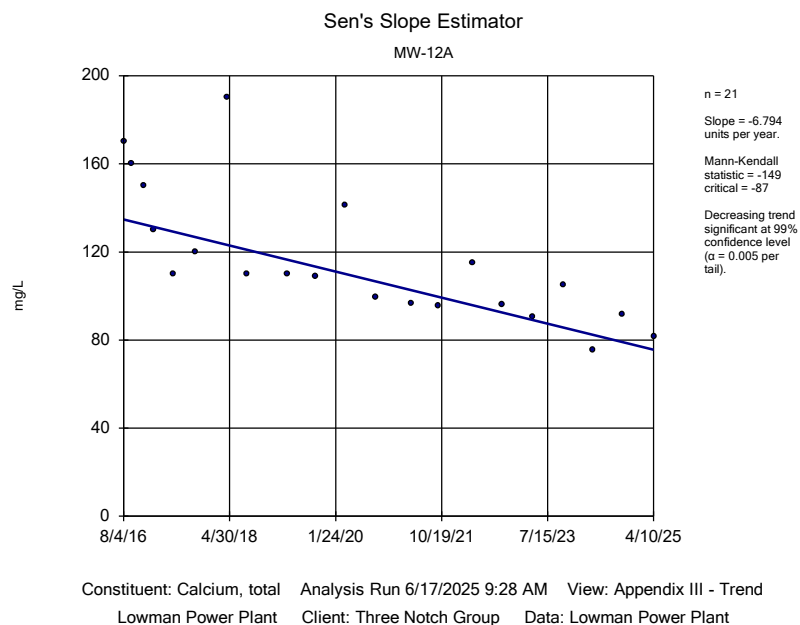
Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-12

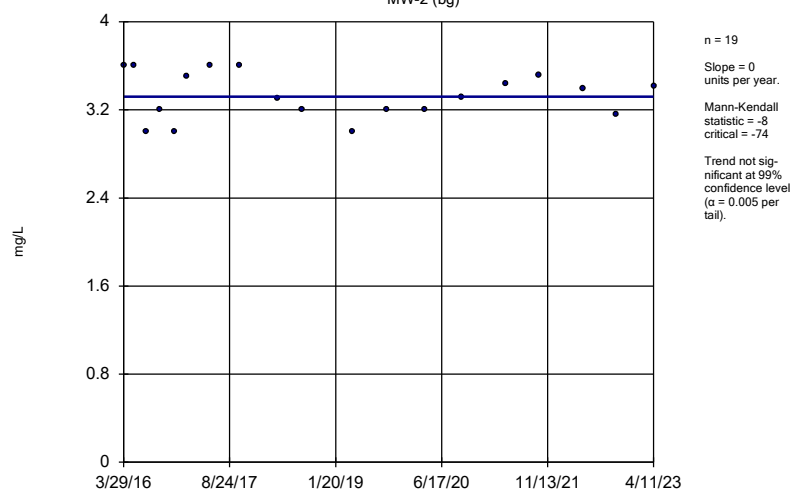


Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Sen's Slope Estimator

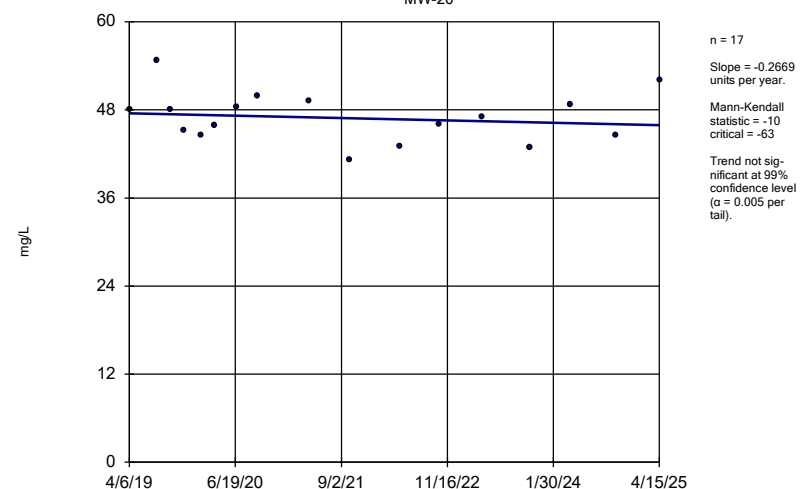
MW-2 (bg)



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

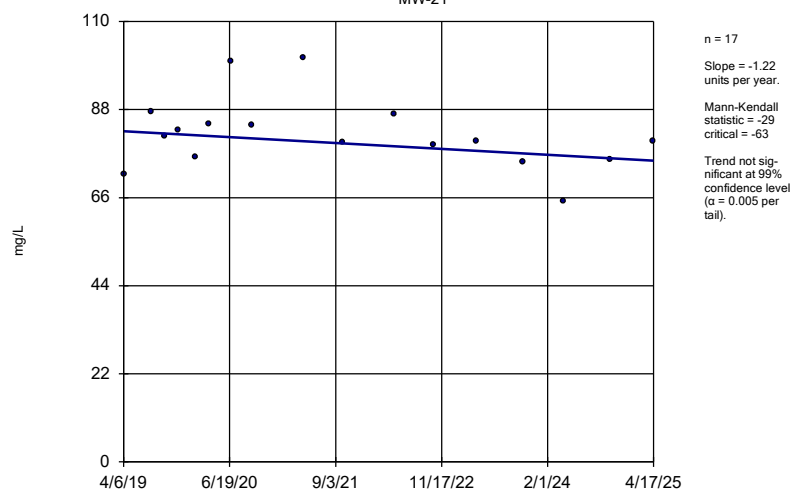
MW-20



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

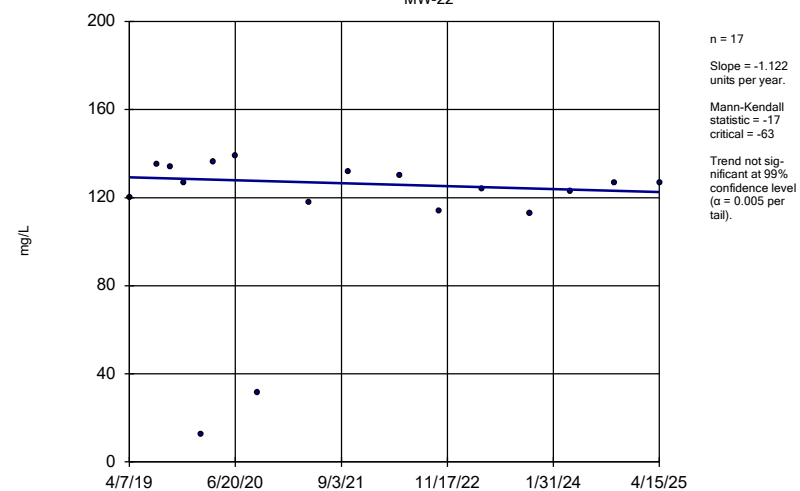
MW-21



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

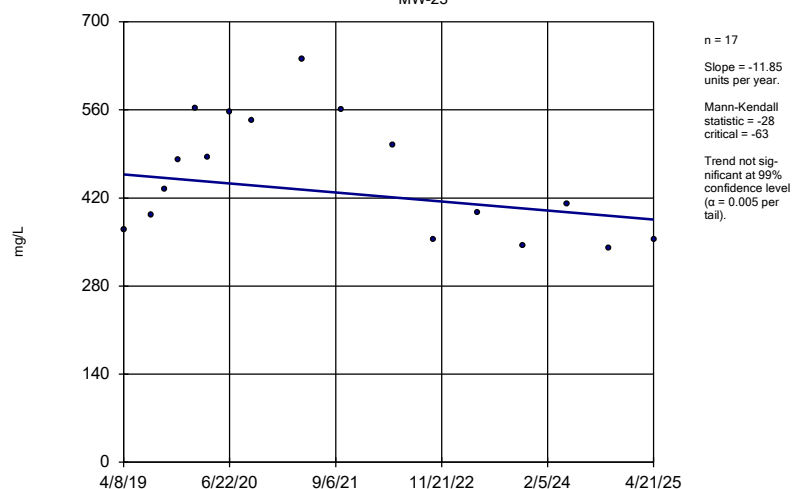
MW-22



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

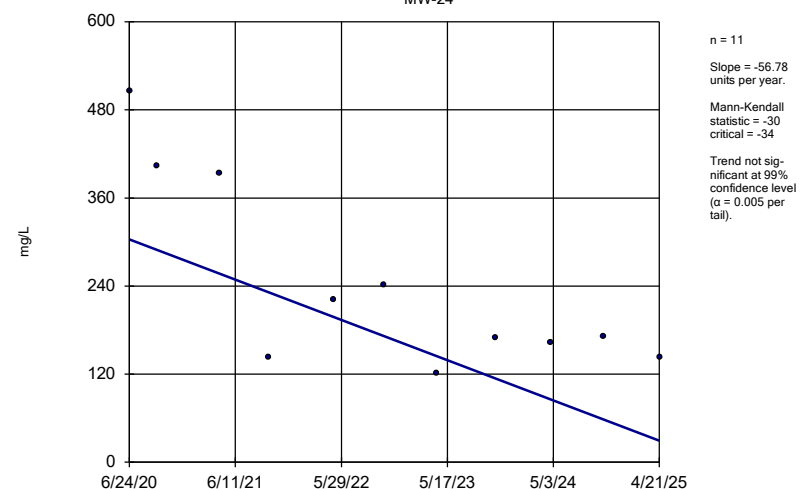
MW-23



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

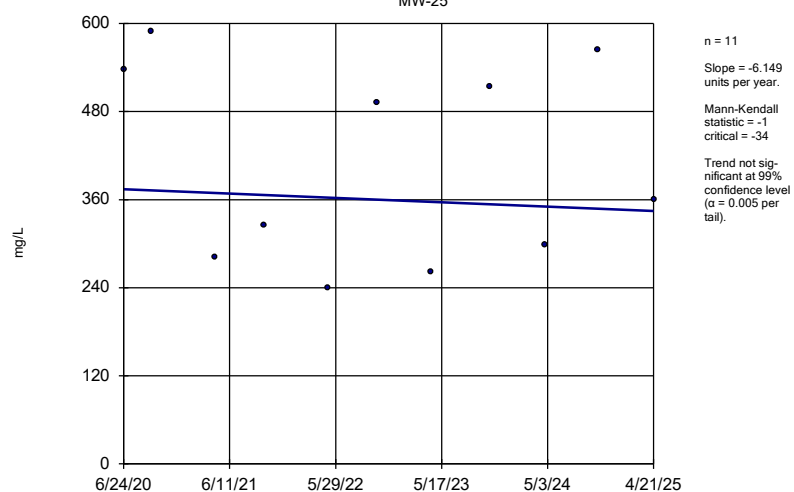
MW-24



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

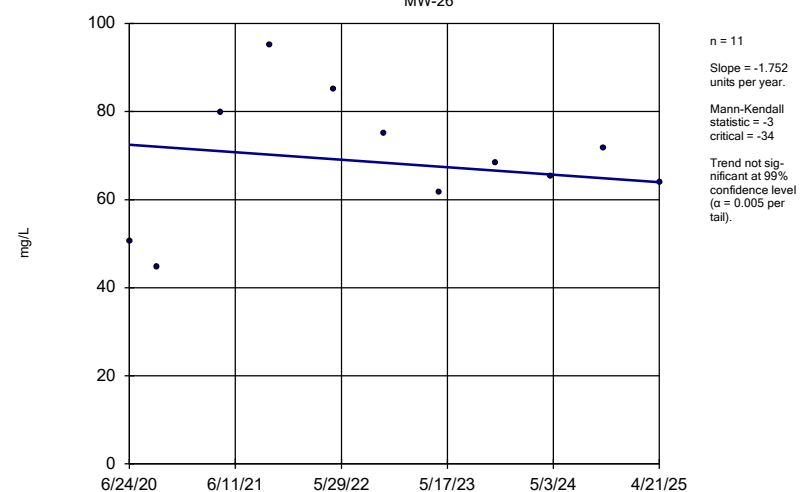
MW-25



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

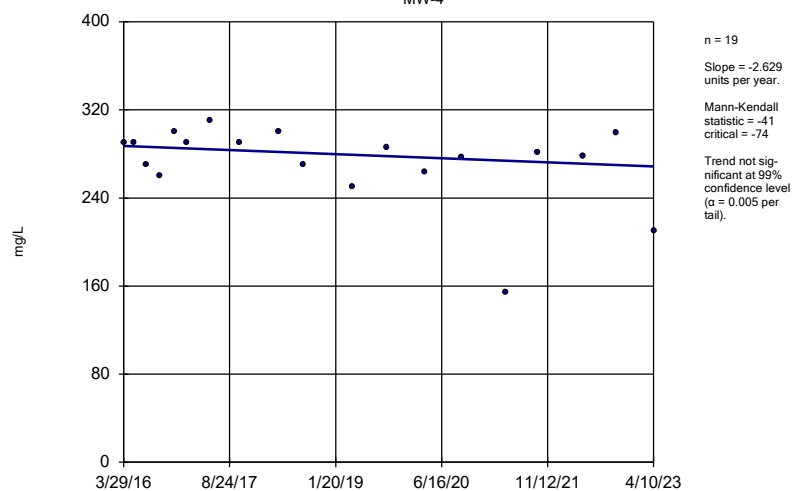
MW-26



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

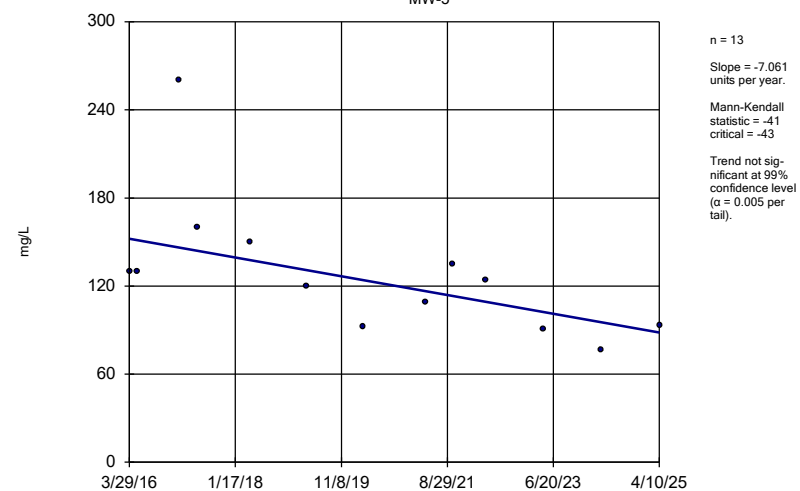
MW-4



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

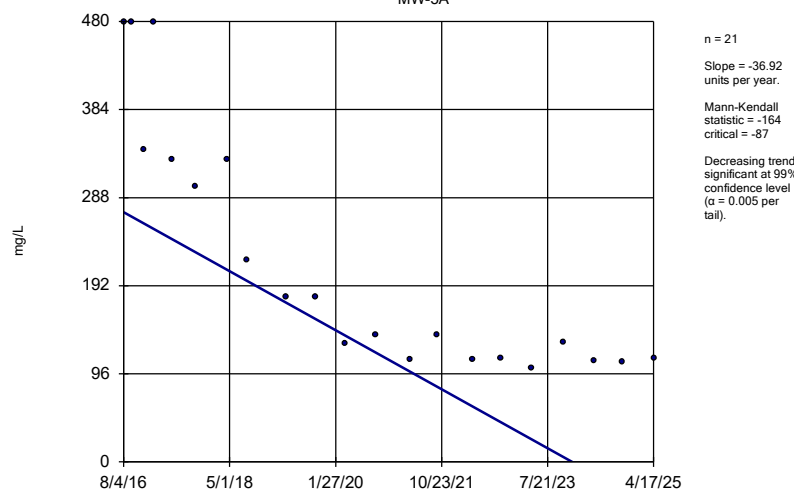
MW-5



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

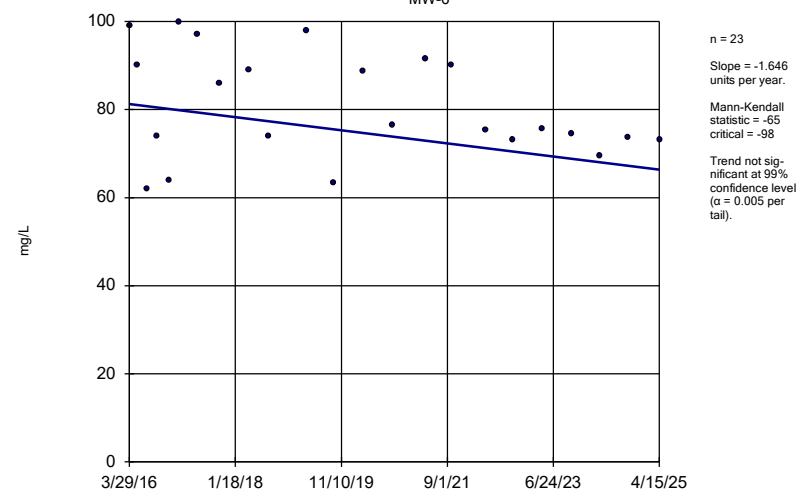
MW-5A



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

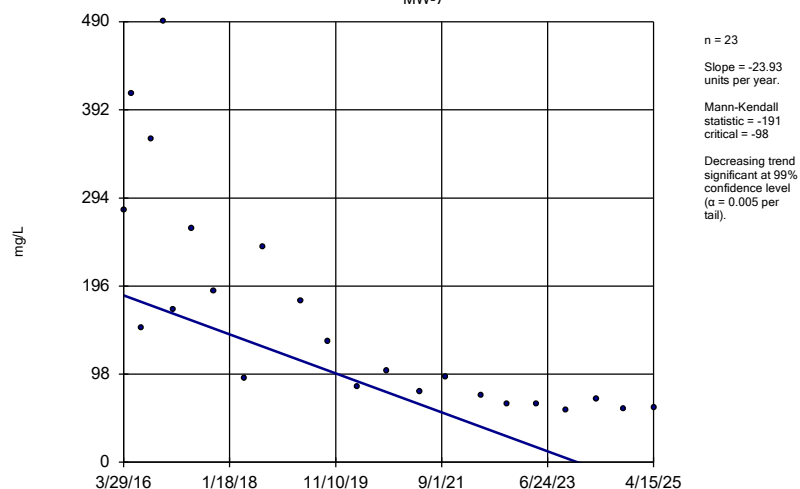
MW-6



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

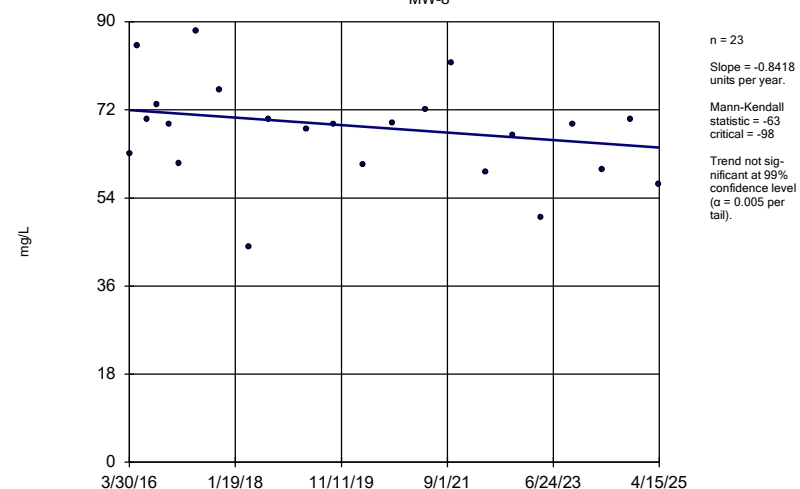
MW-7



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

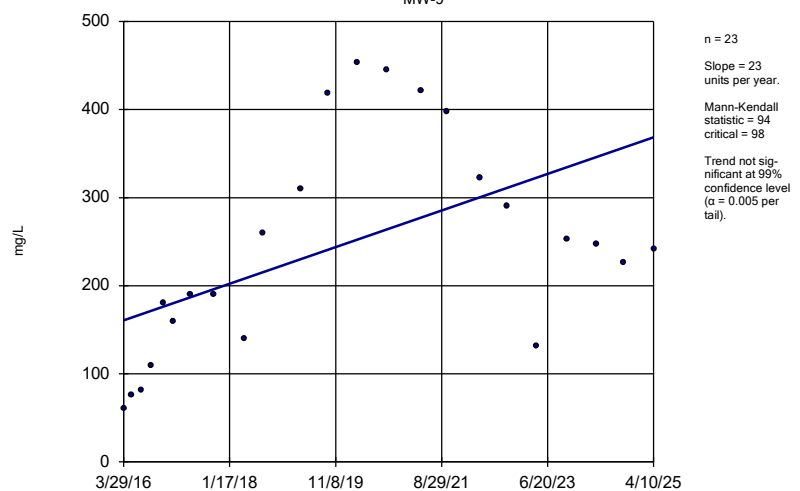
MW-8



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

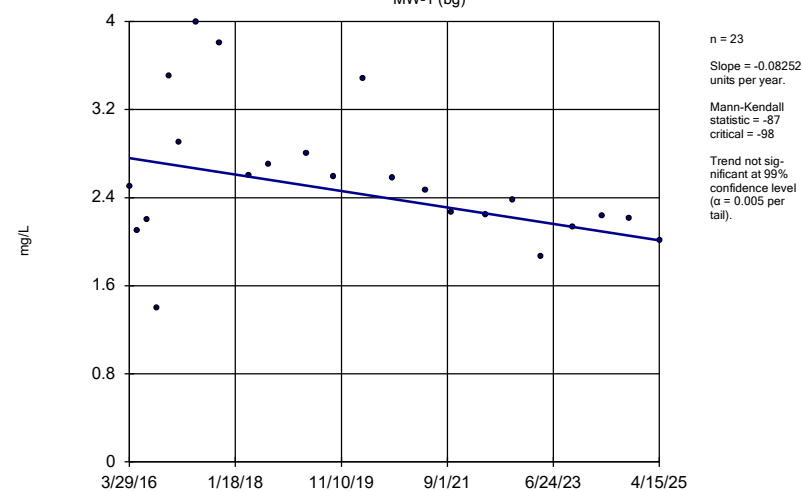
MW-9



Constituent: Calcium, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

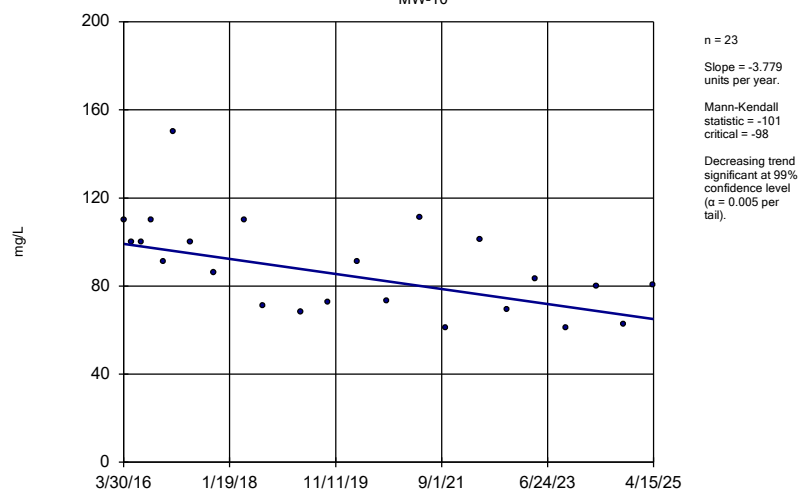
MW-1 (bg)



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

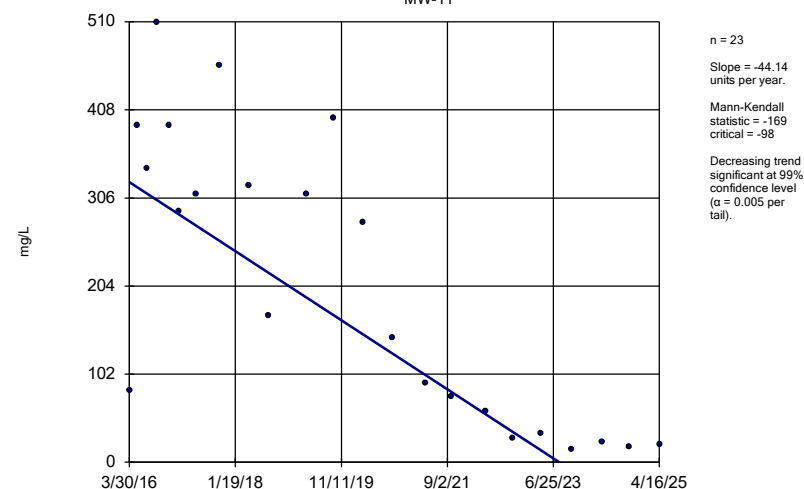
MW-10



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

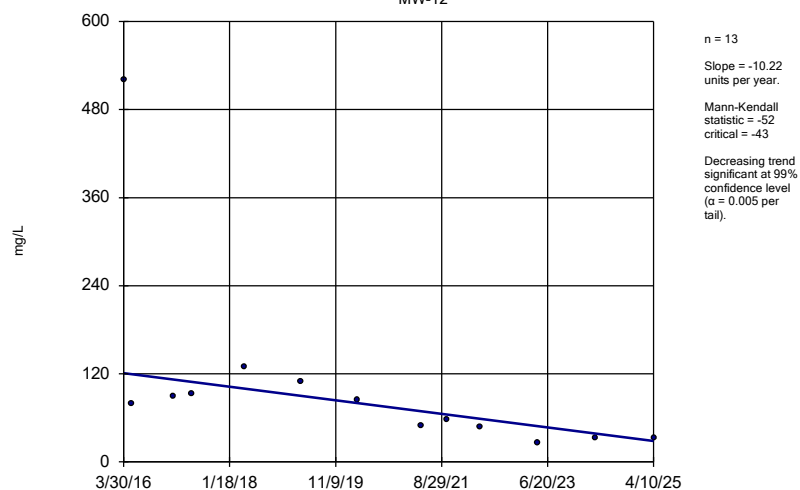
MW-11



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

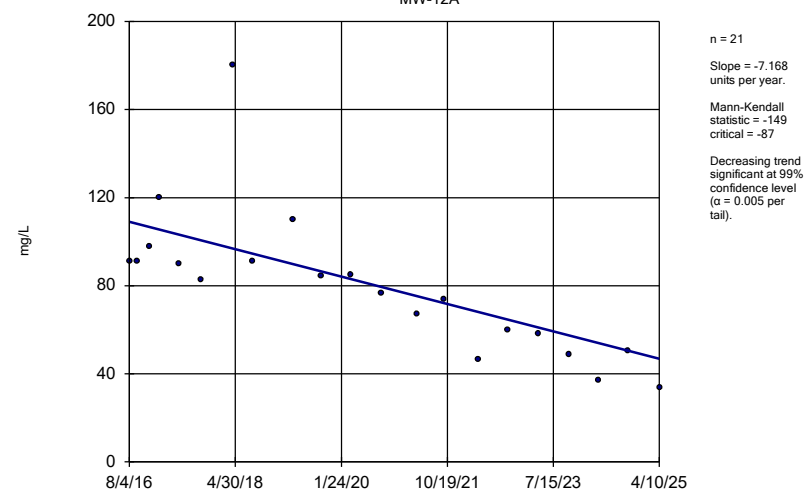
MW-12



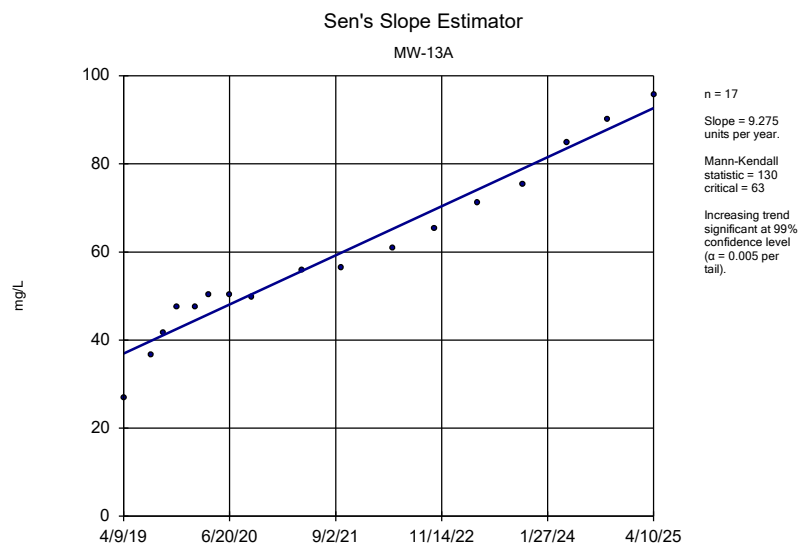
Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

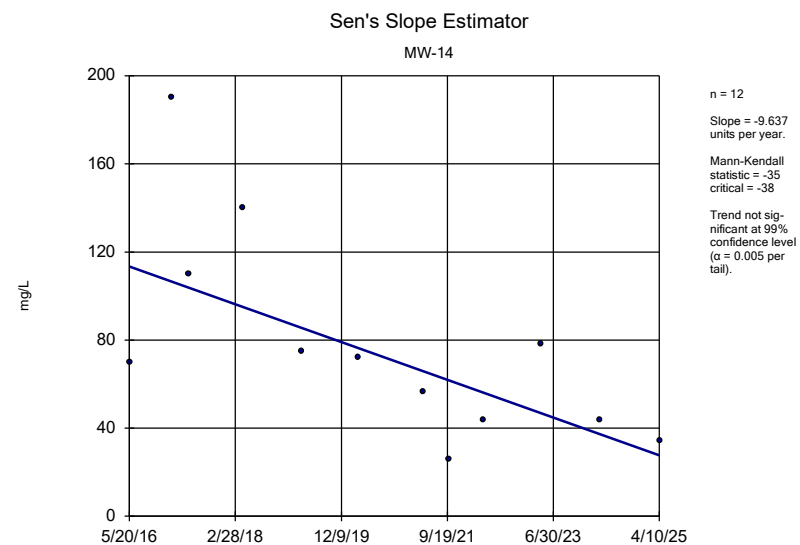
MW-12A



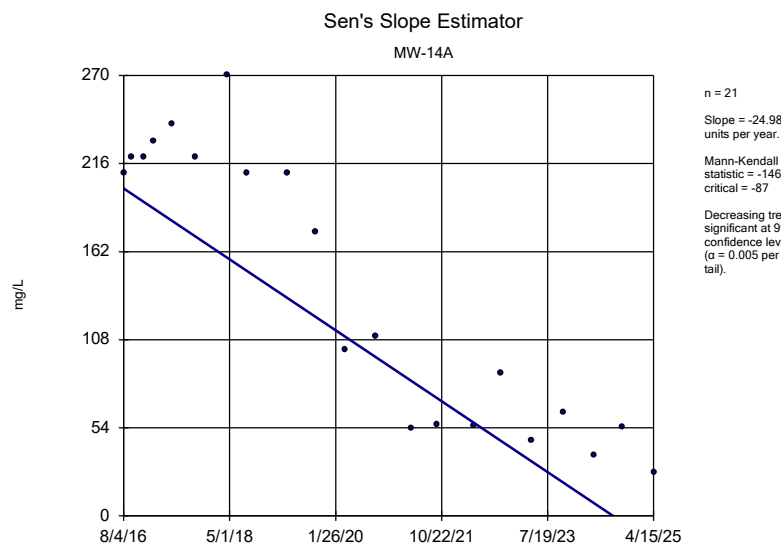
Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



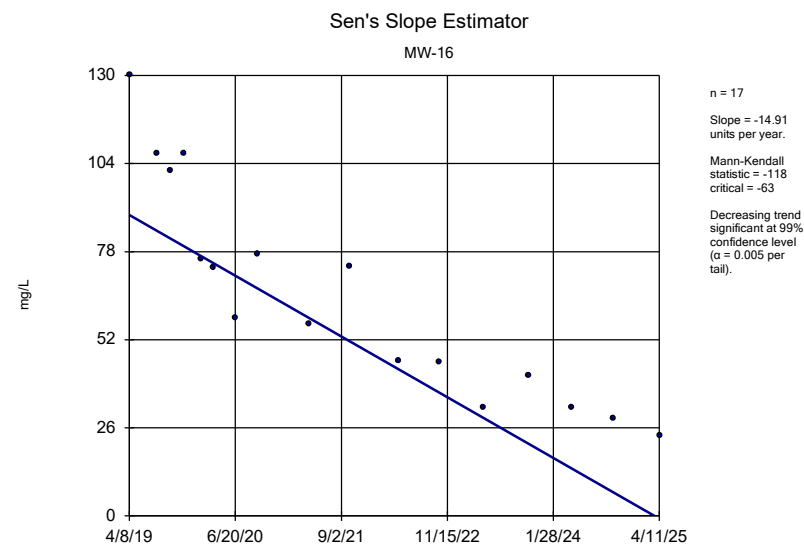
Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



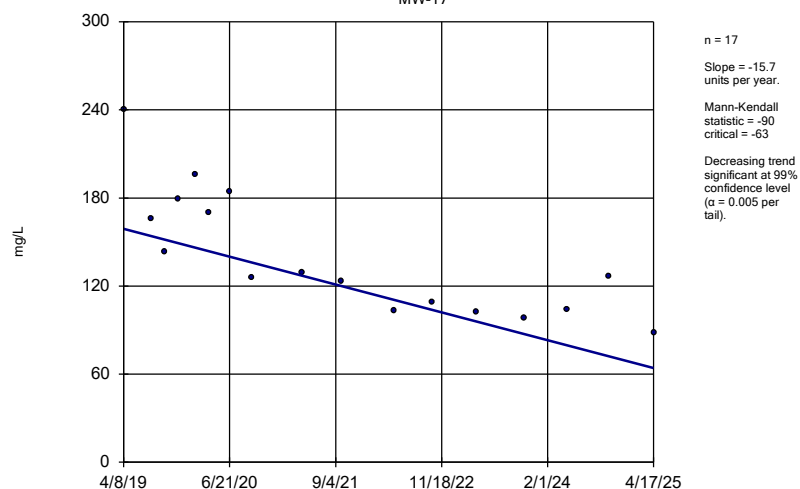
Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

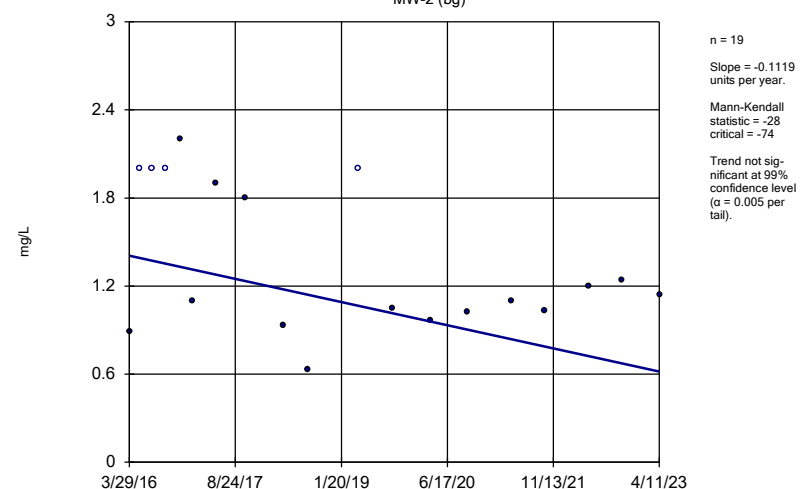
MW-17



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

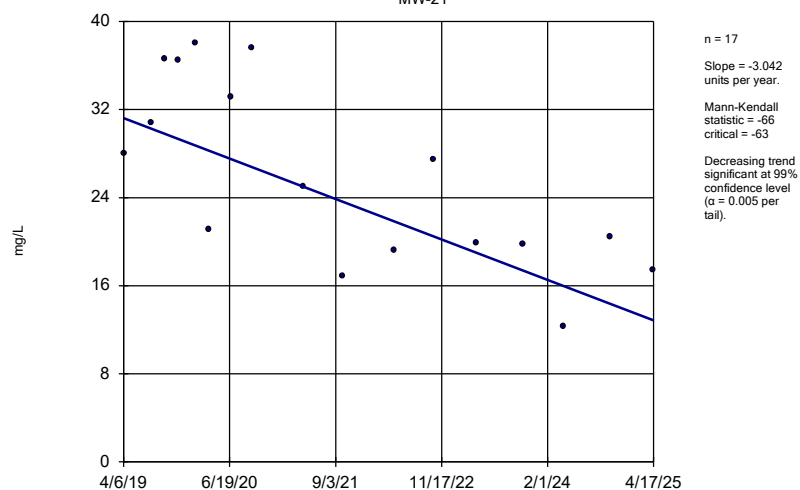
MW-2 (bg)



Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

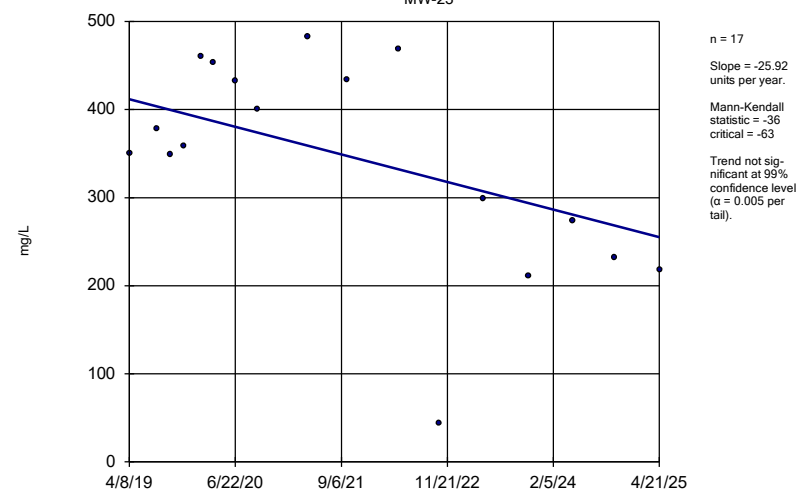
MW-21



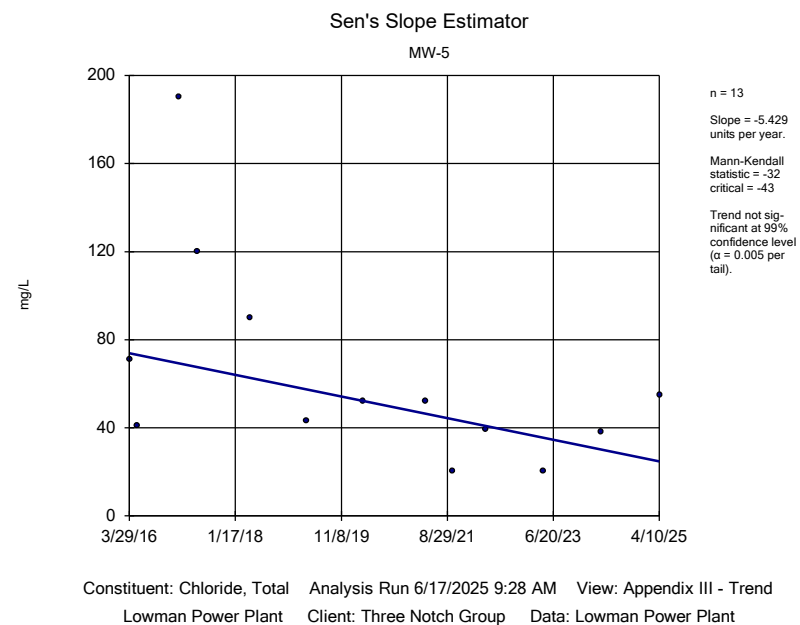
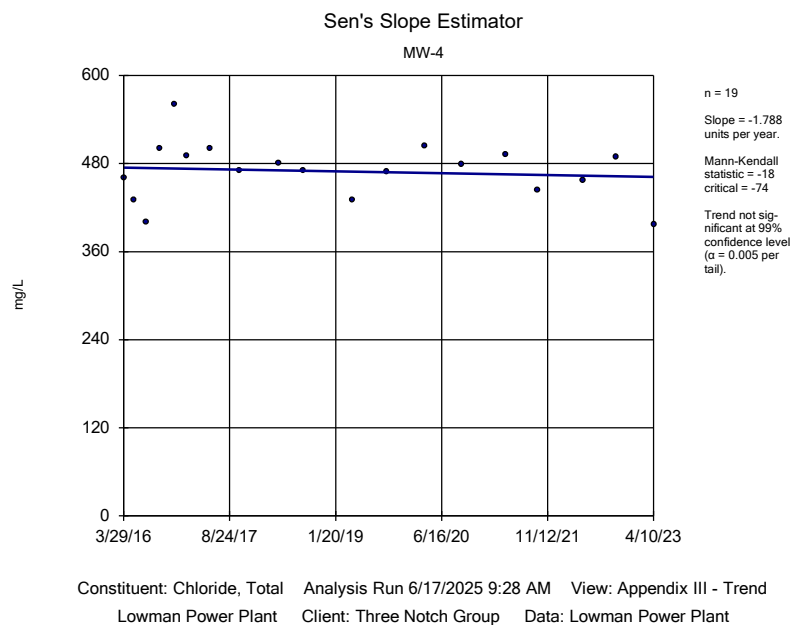
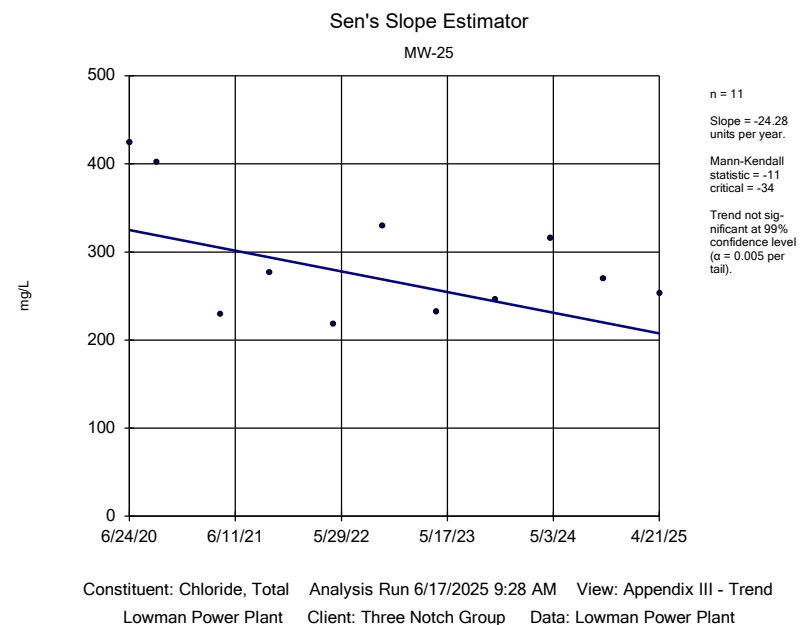
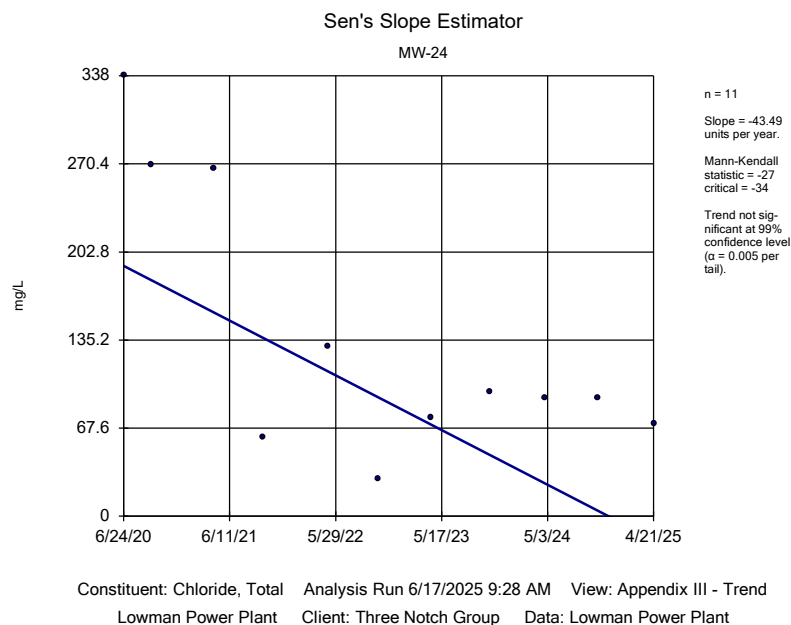
Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

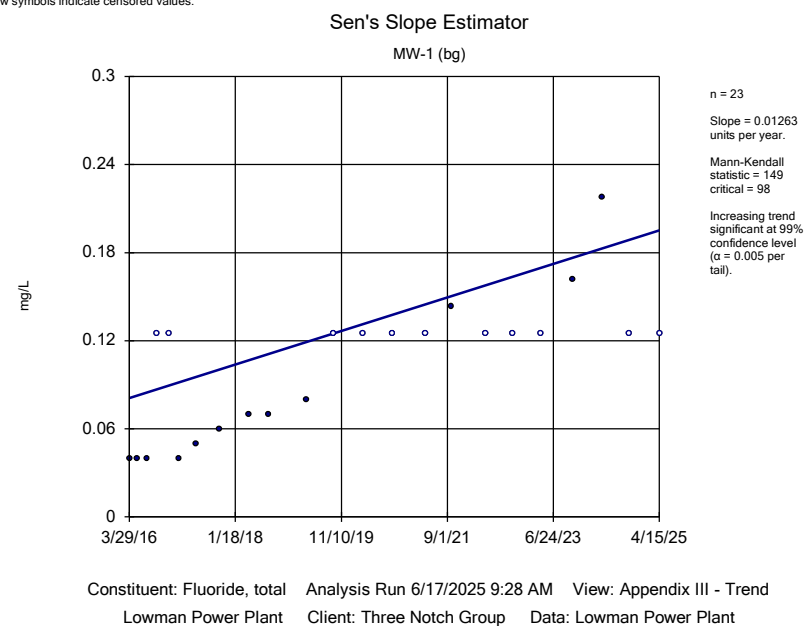
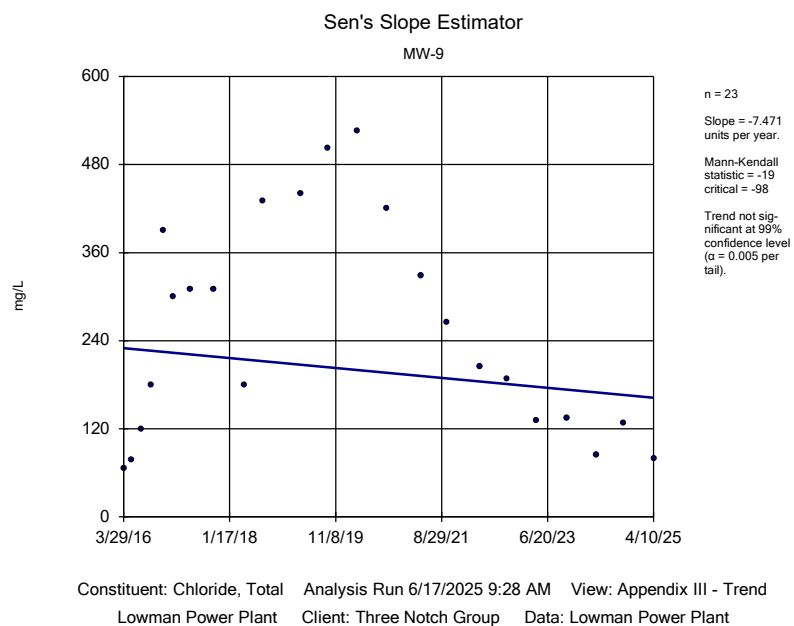
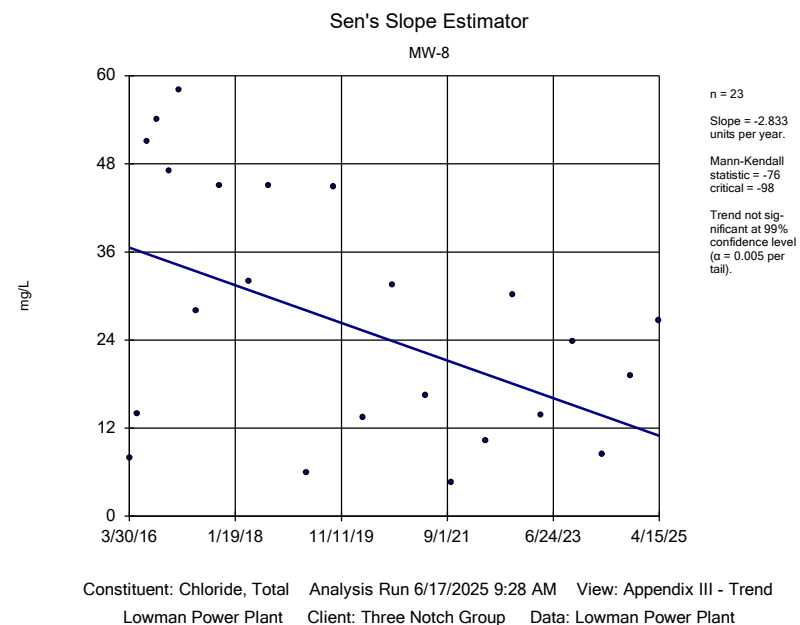
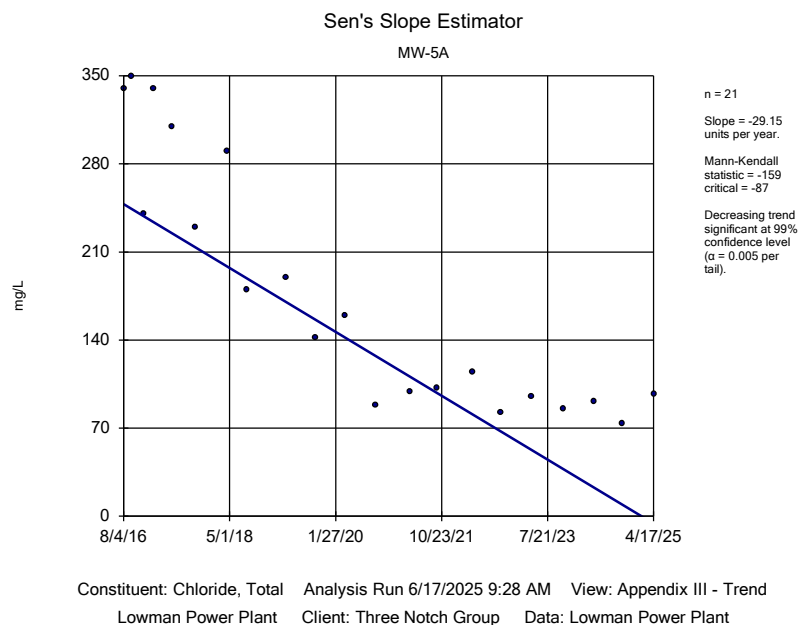
Sen's Slope Estimator

MW-23



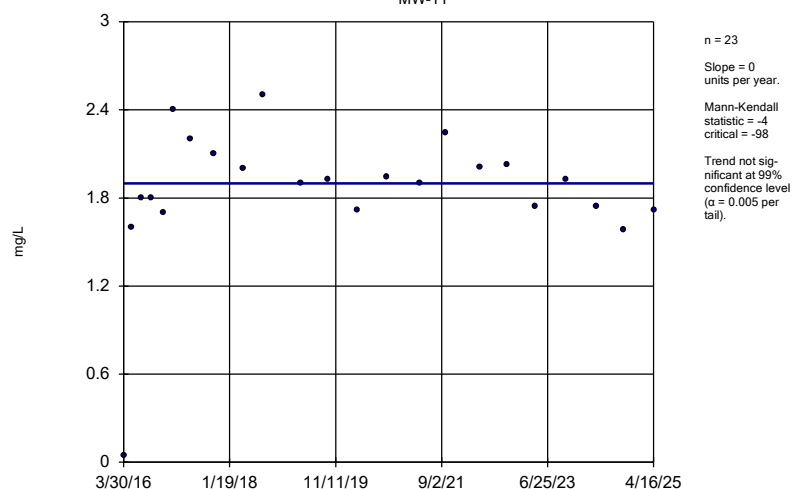
Constituent: Chloride, Total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant





Sen's Slope Estimator

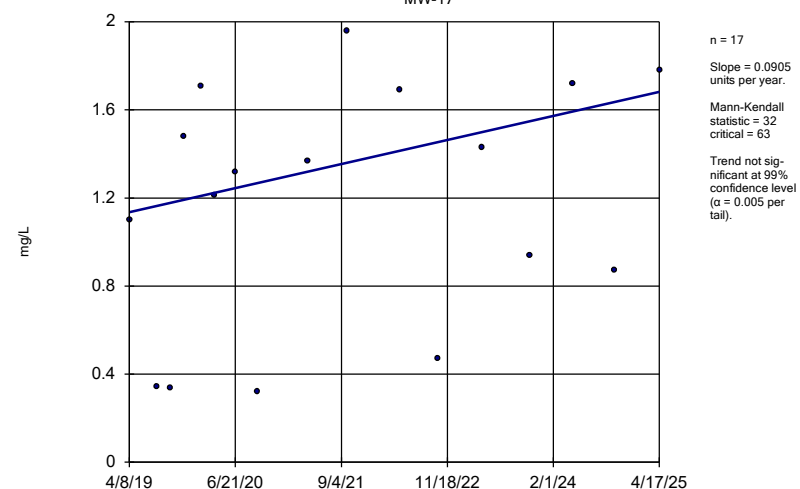
MW-11



Constituent: Fluoride, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

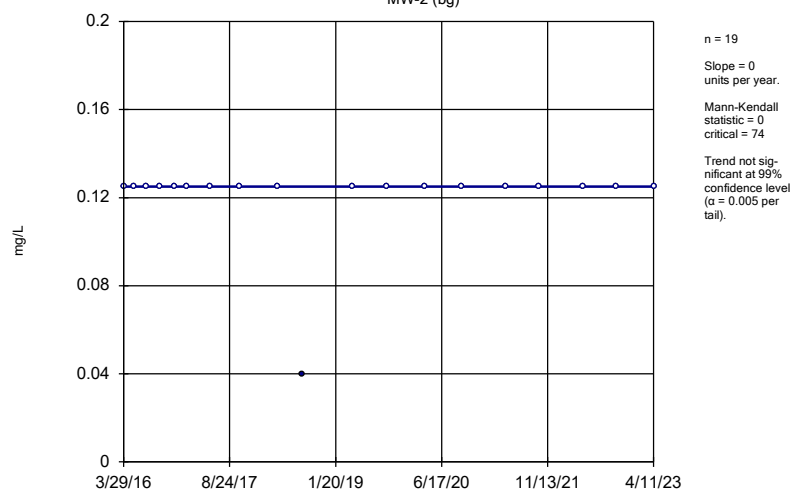
MW-17



Constituent: Fluoride, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

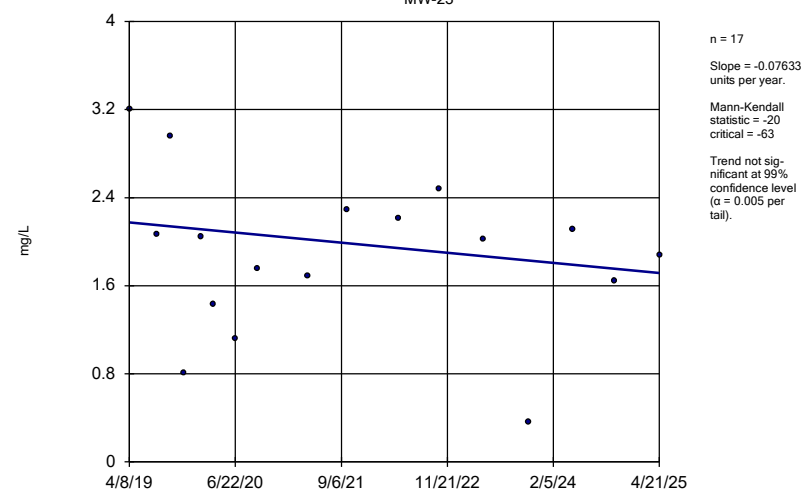
MW-2 (bg)



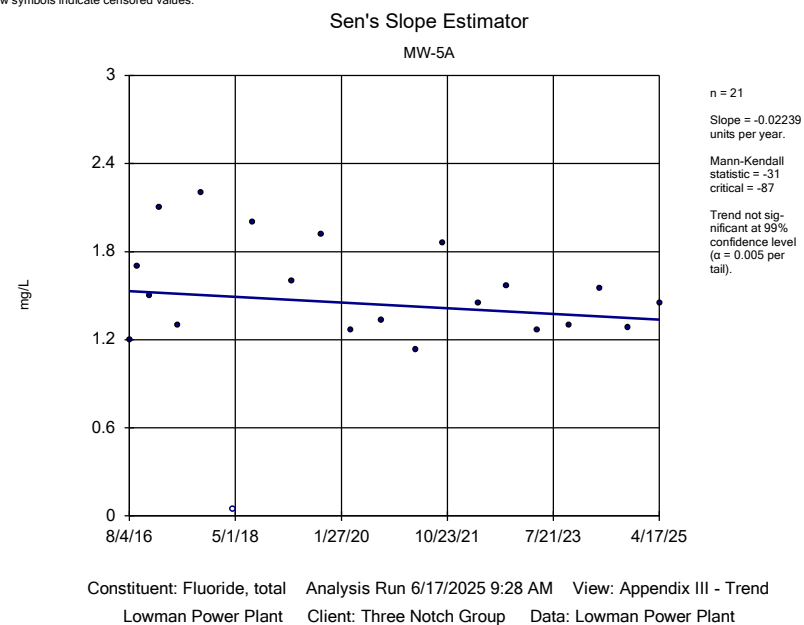
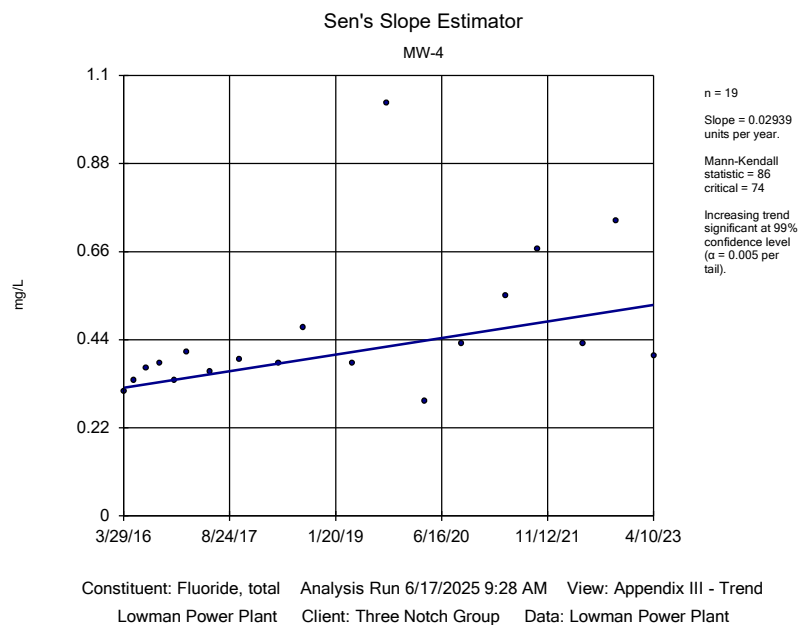
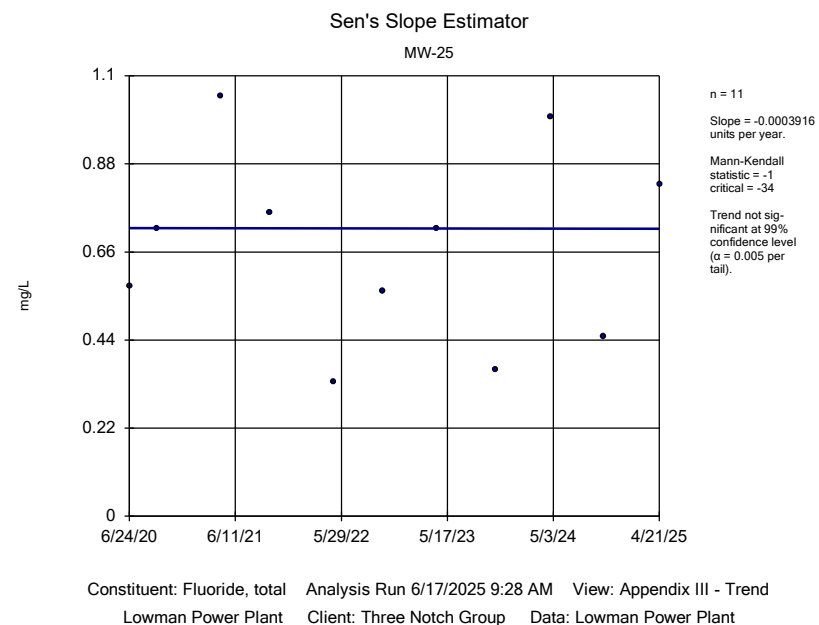
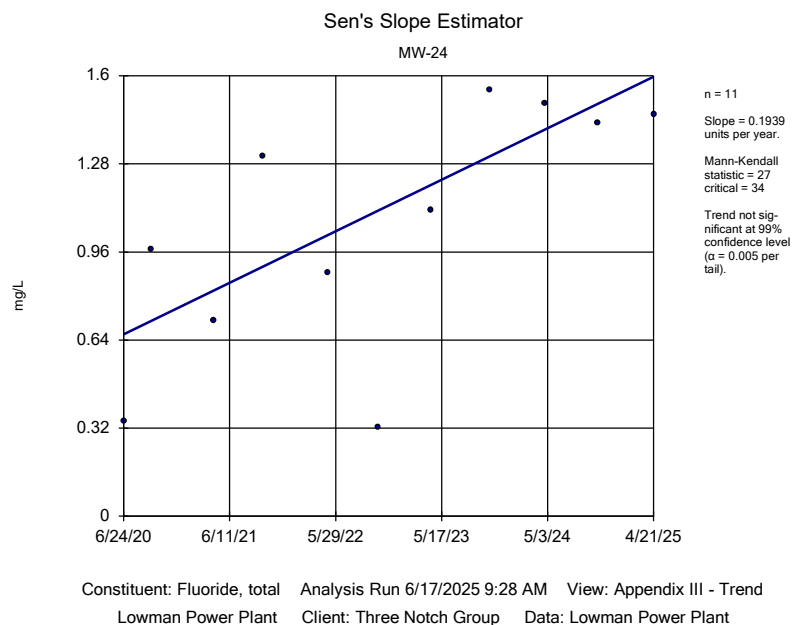
Constituent: Fluoride, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-23

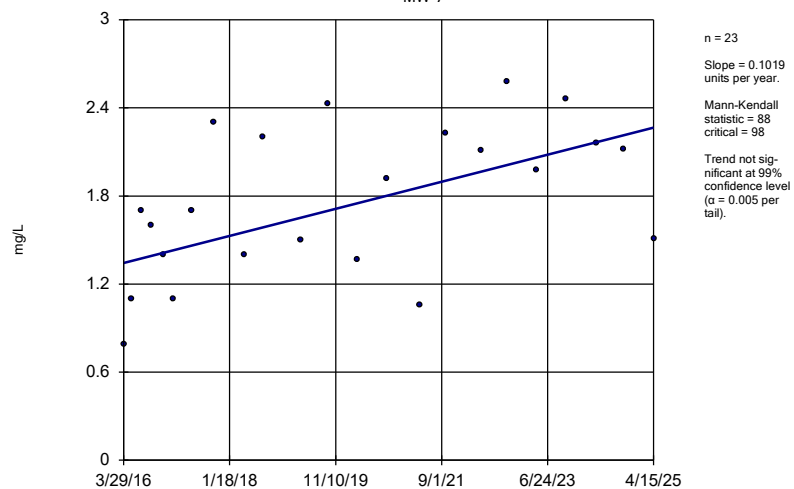


Constituent: Fluoride, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Sen's Slope Estimator

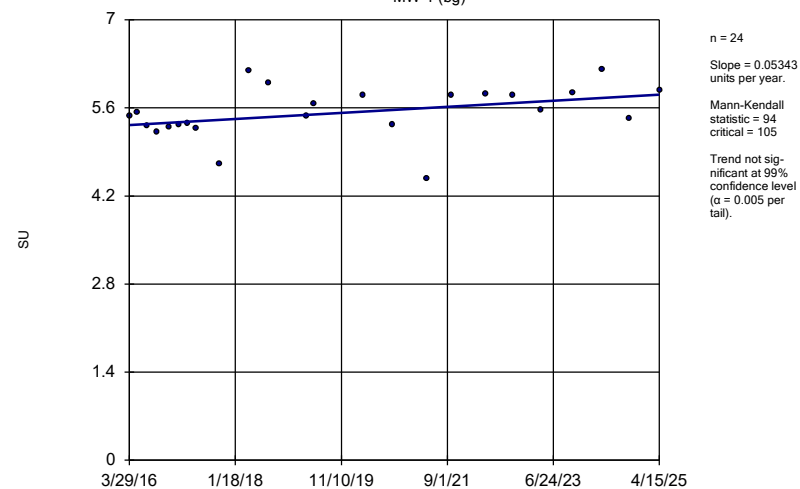
MW-7



Constituent: Fluoride, total Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

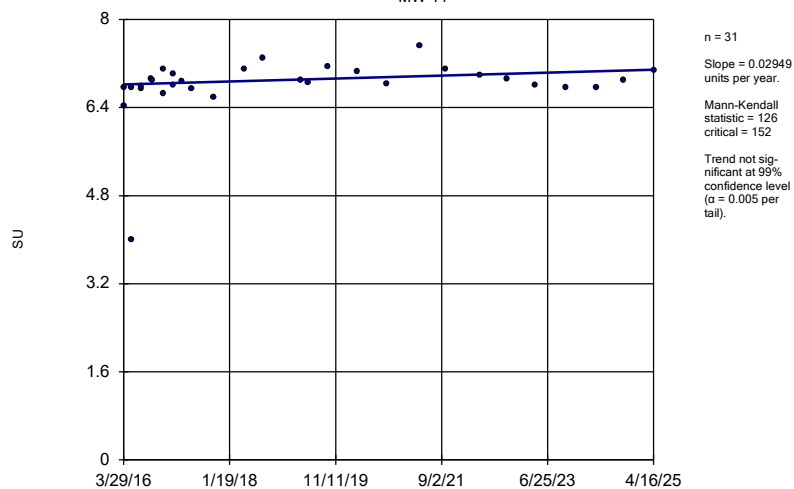
MW-1 (bg)



Constituent: pH, Field Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

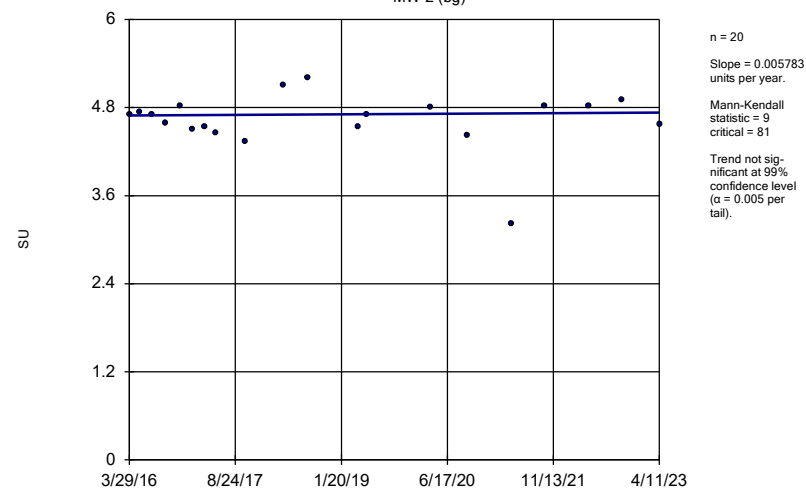
MW-11



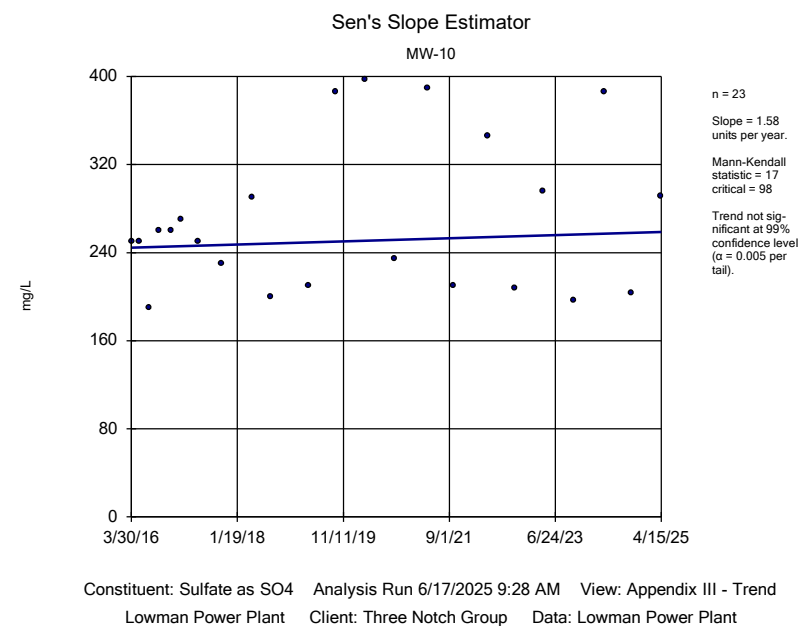
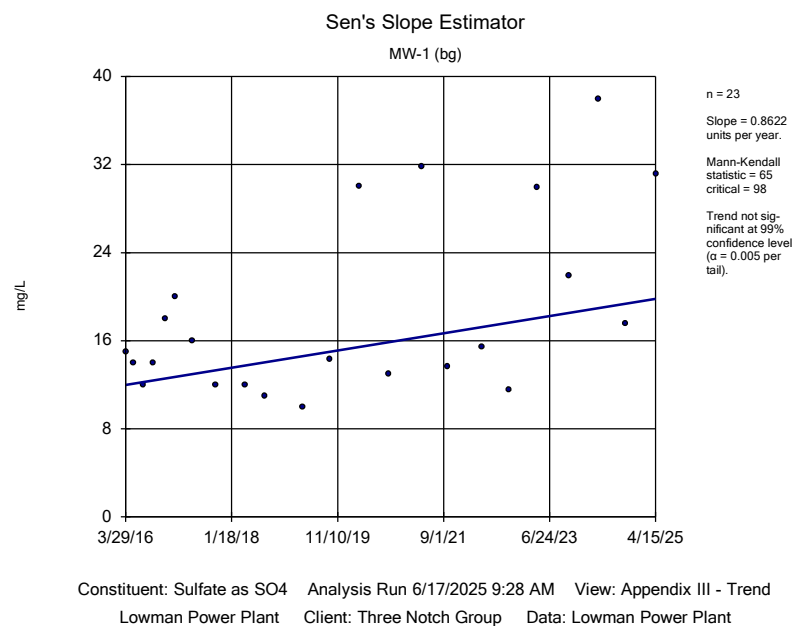
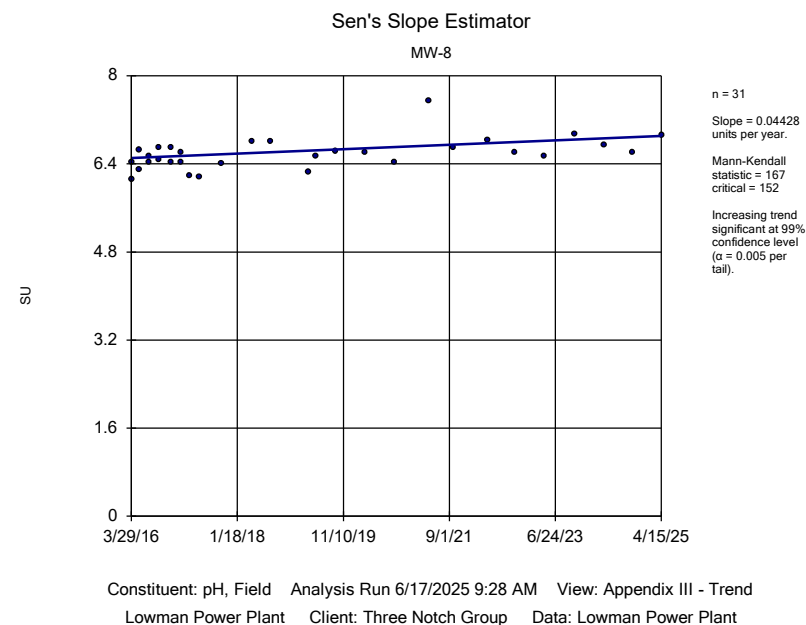
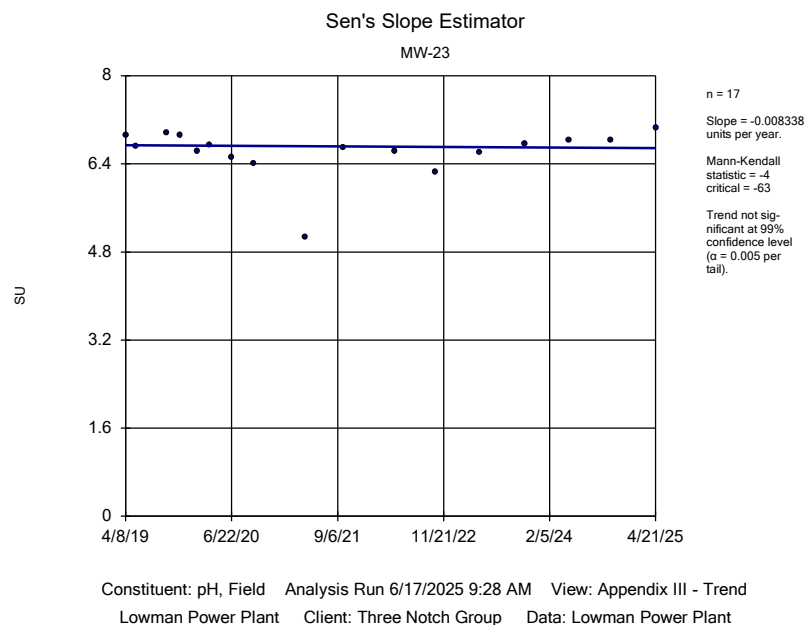
Constituent: pH, Field Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

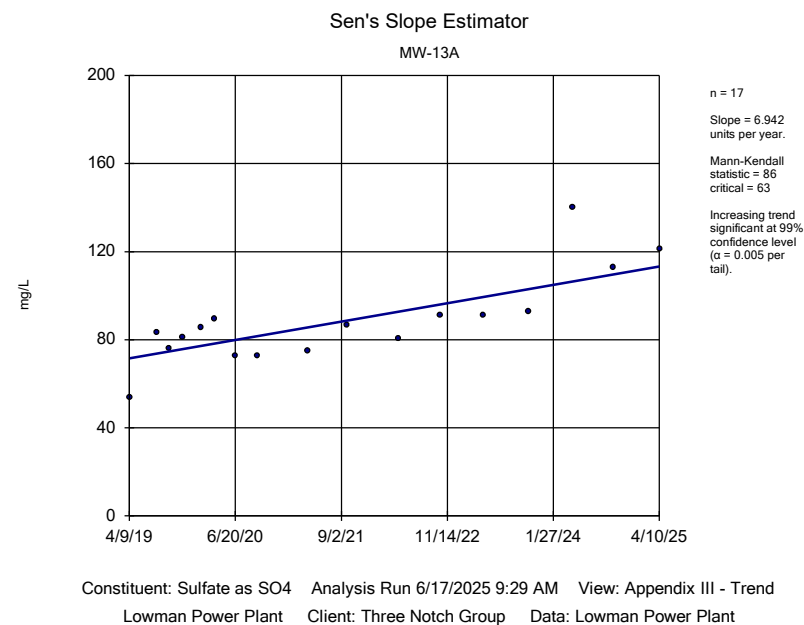
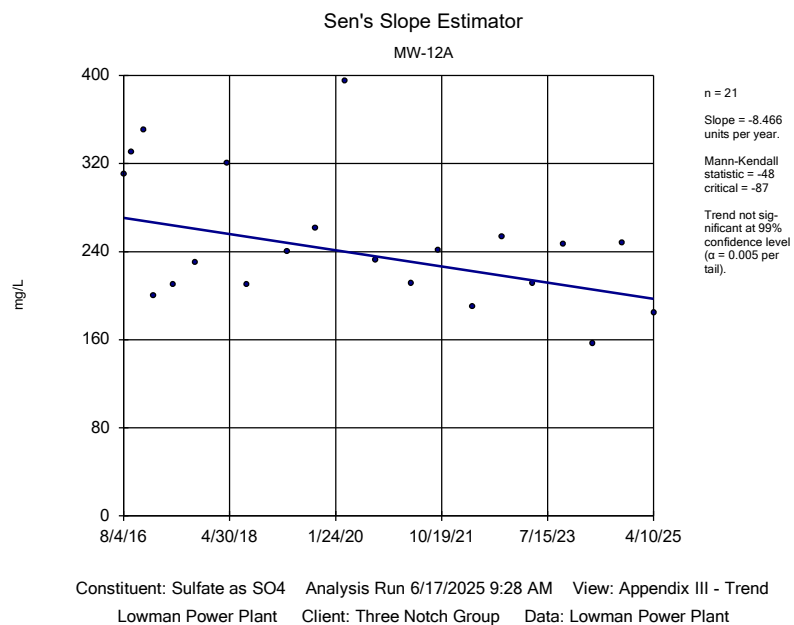
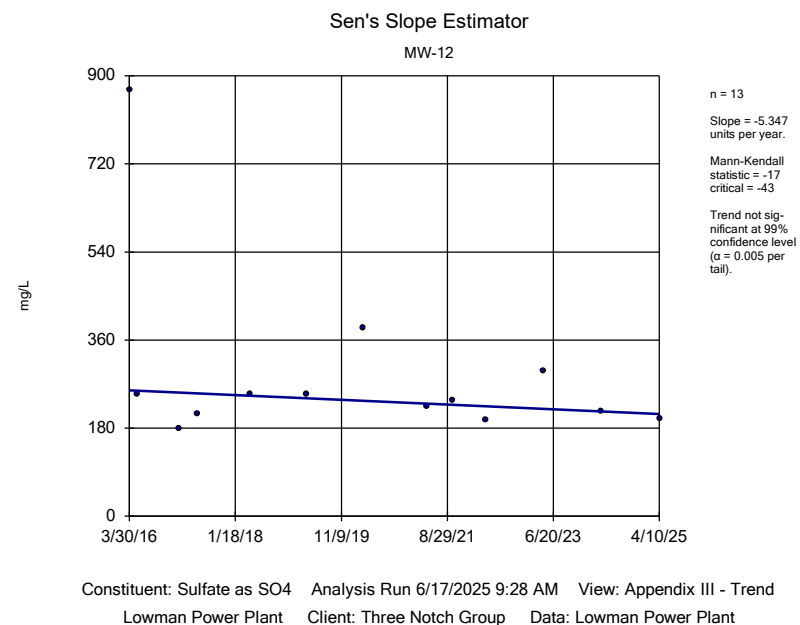
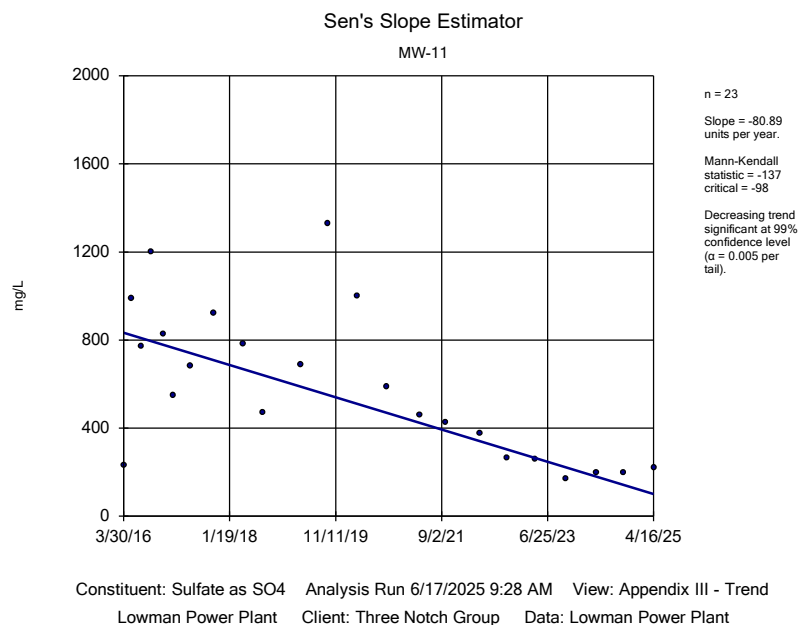
Sen's Slope Estimator

MW-2 (bg)



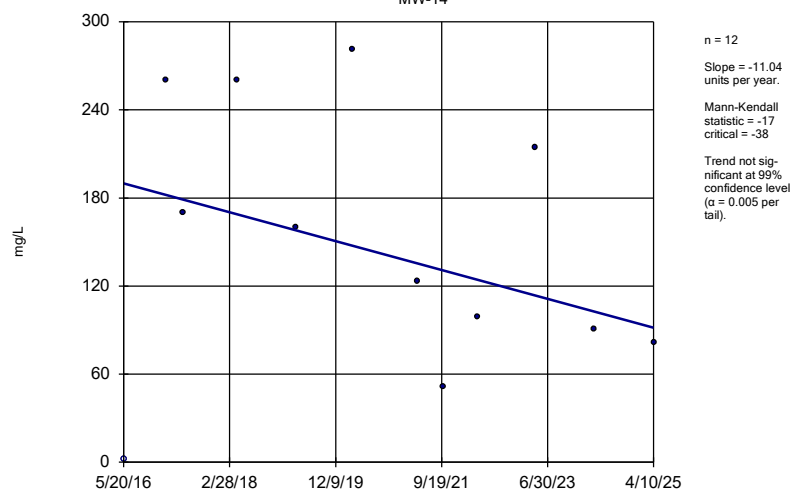
Constituent: pH, Field Analysis Run 6/17/2025 9:28 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant





Sen's Slope Estimator

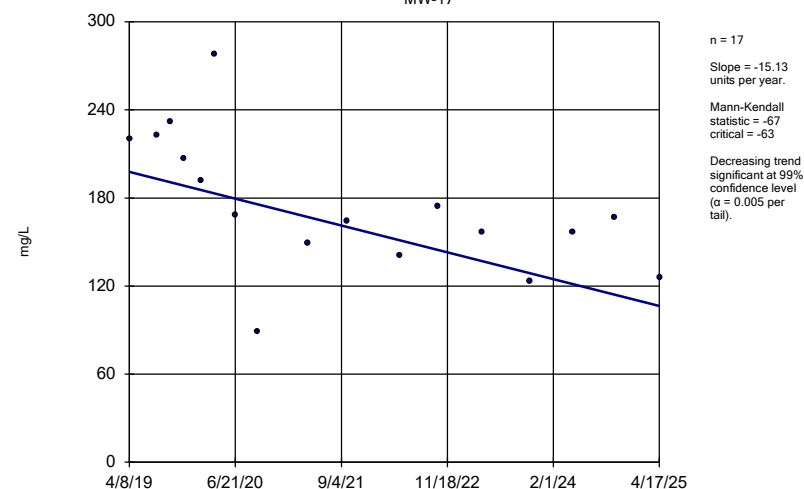
MW-14



Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

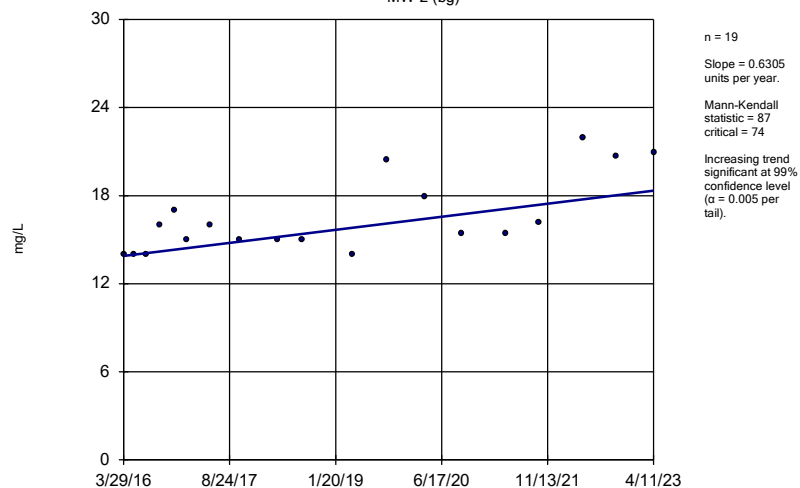
MW-17

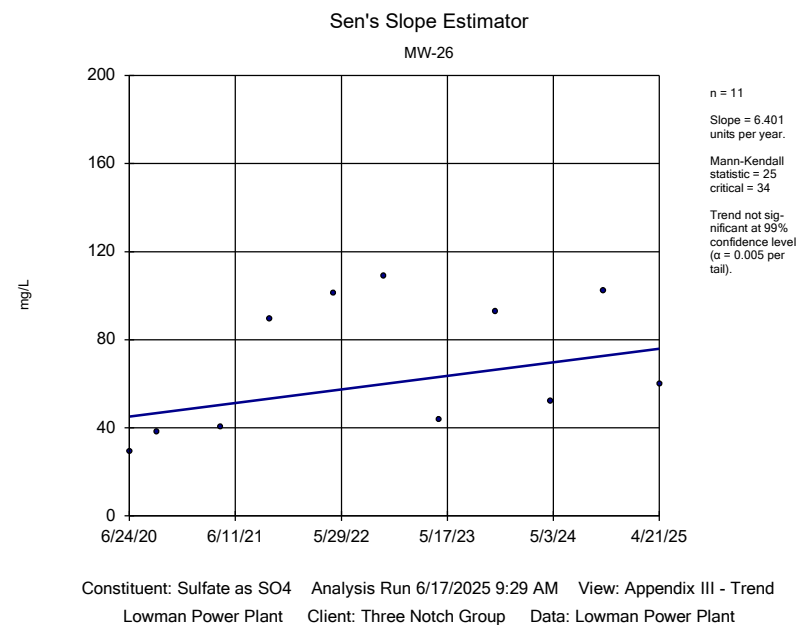
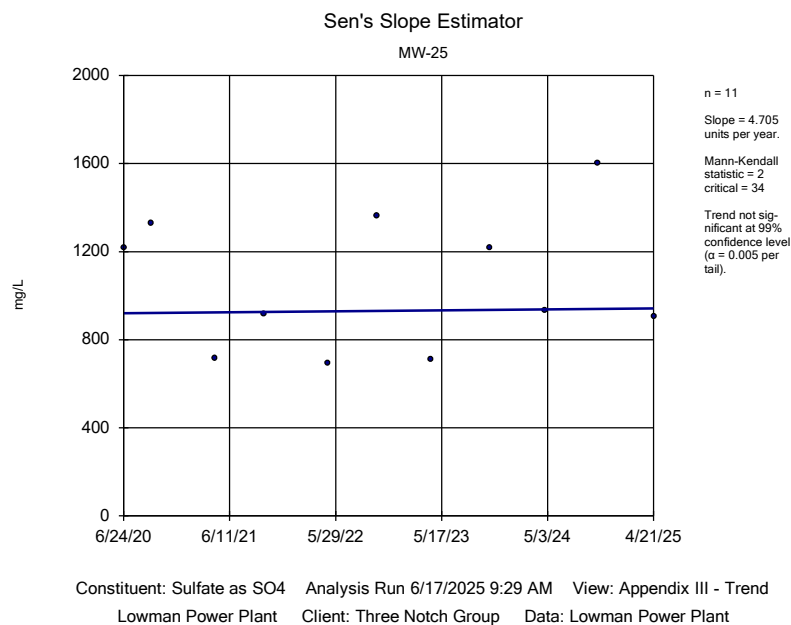
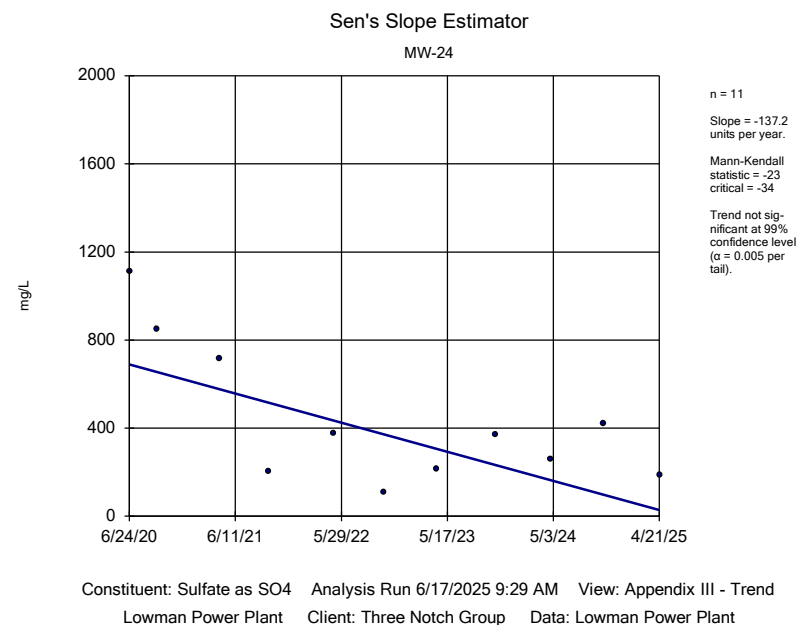
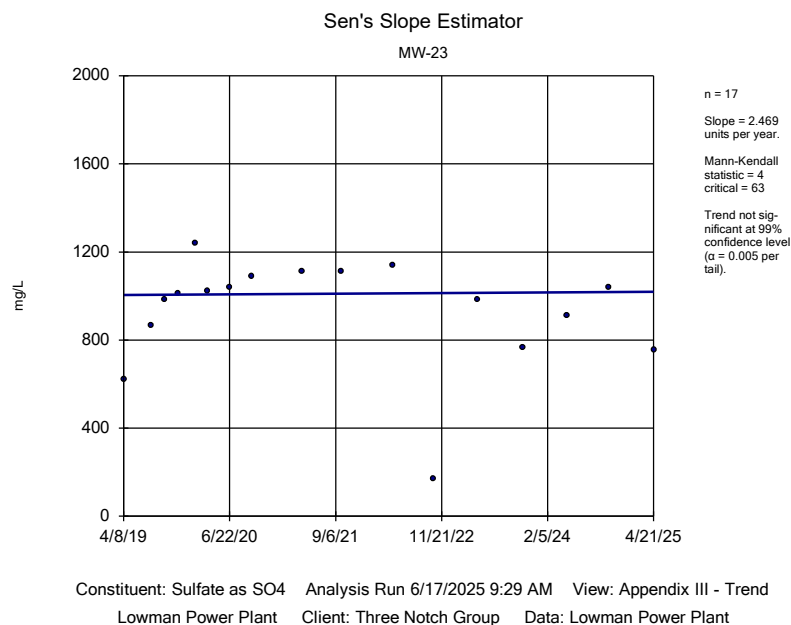


Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

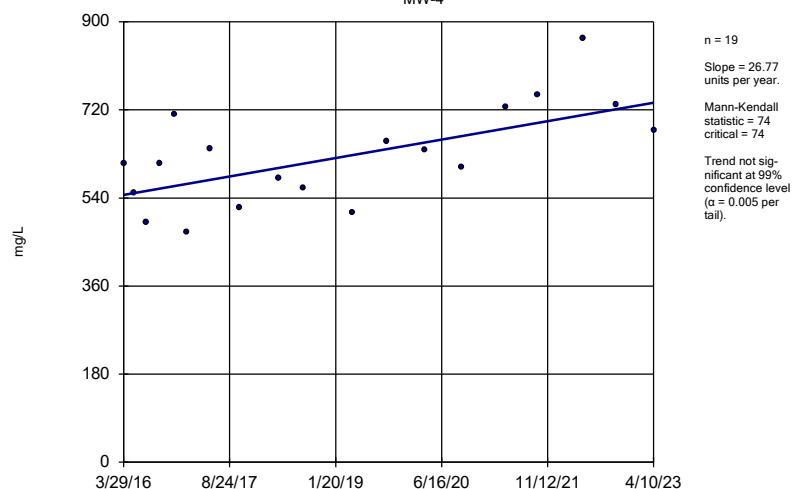
MW-2 (bg)





Sen's Slope Estimator

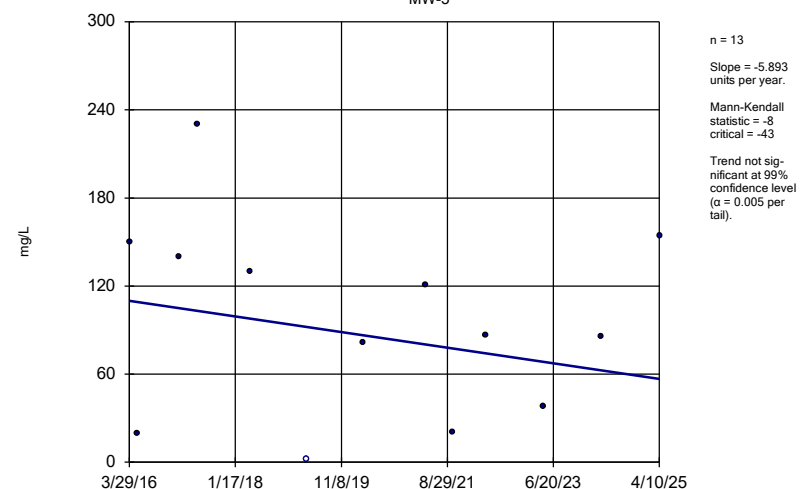
MW-4



Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

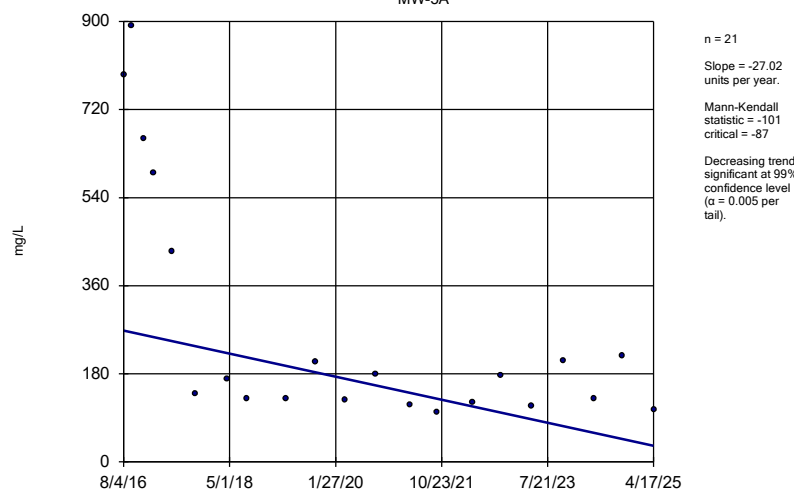
MW-5



Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

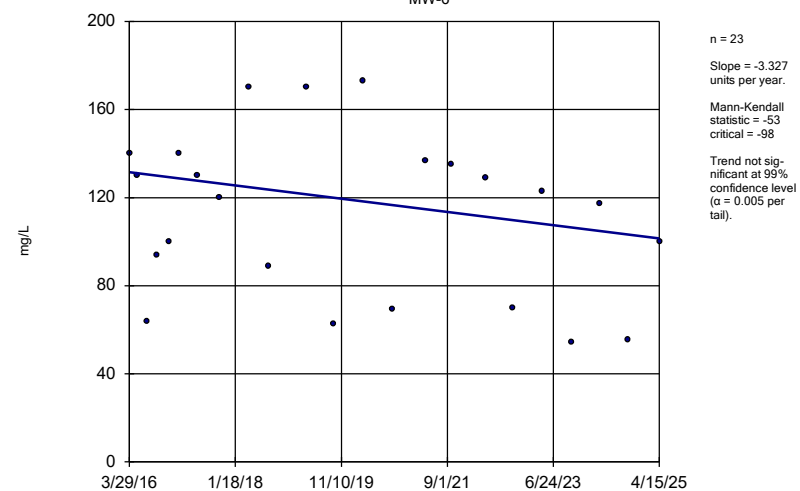
MW-5A



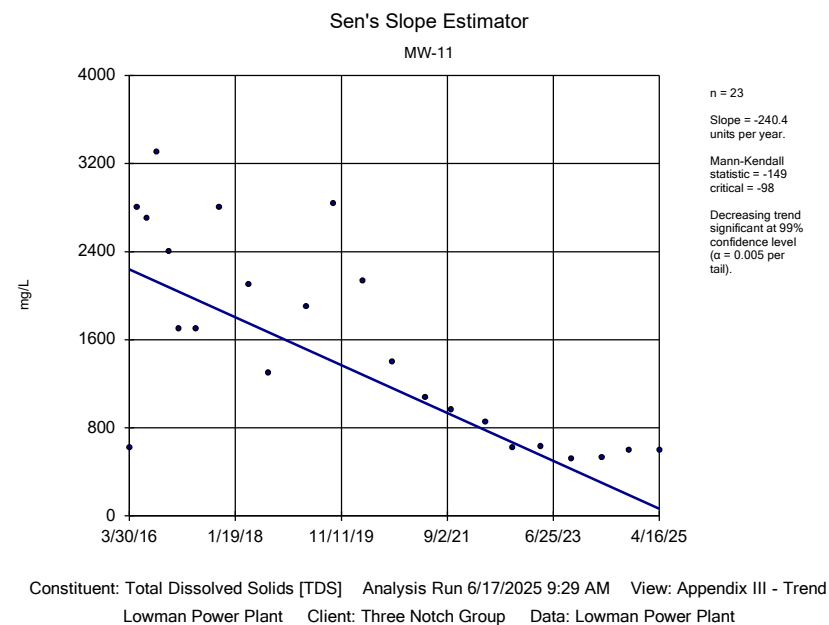
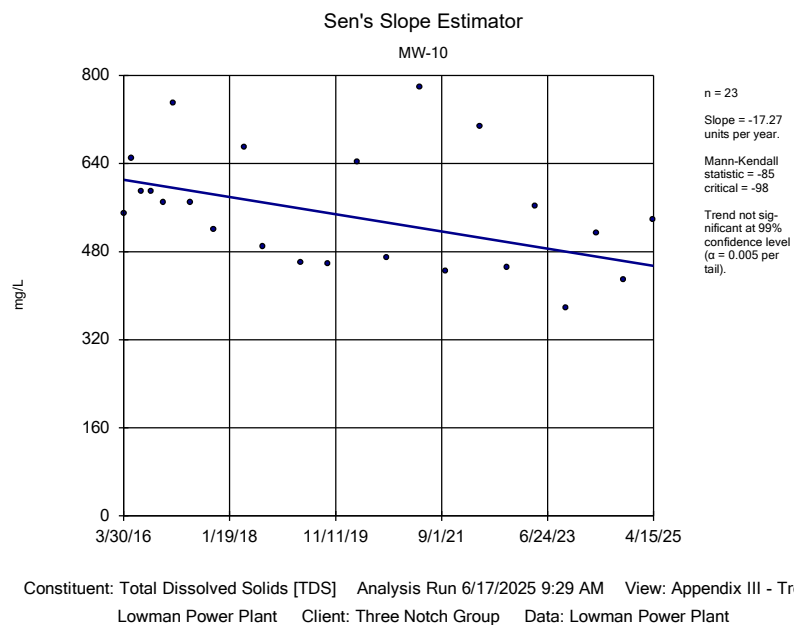
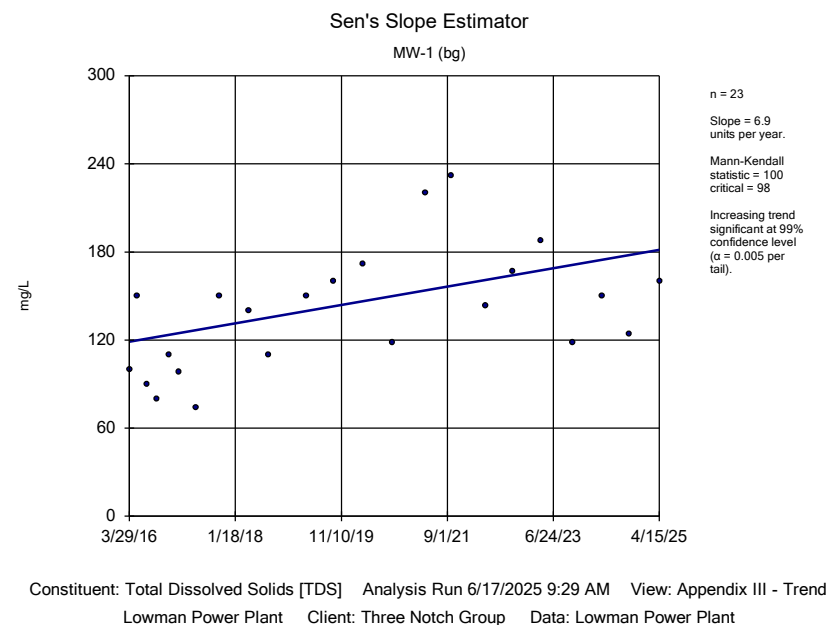
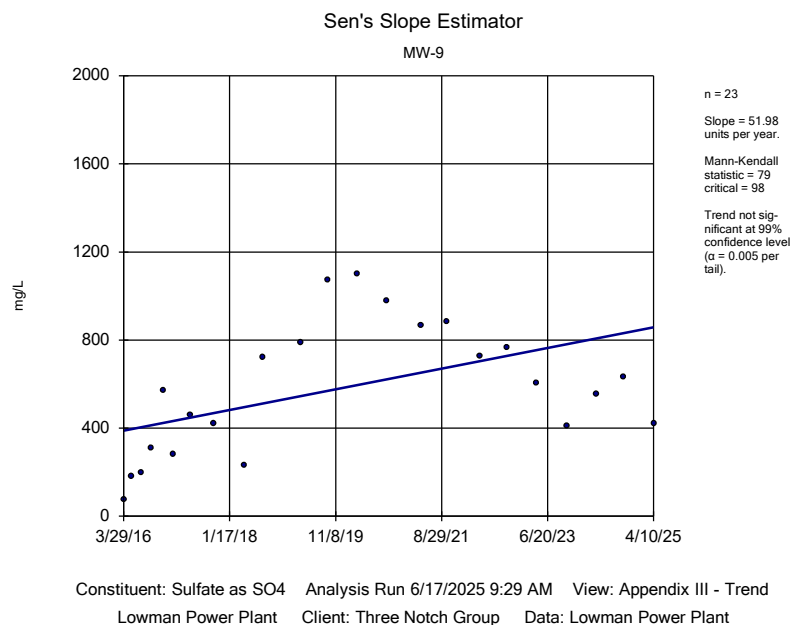
Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

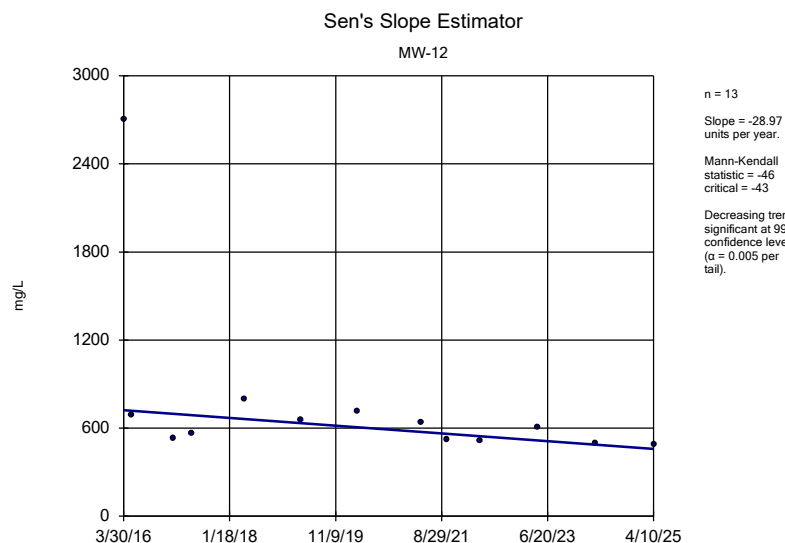
Sen's Slope Estimator

MW-6

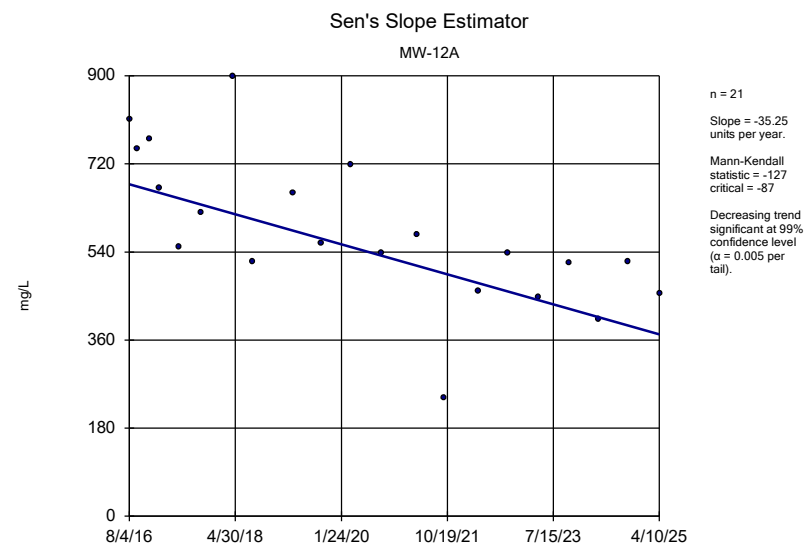


Constituent: Sulfate as SO4 Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

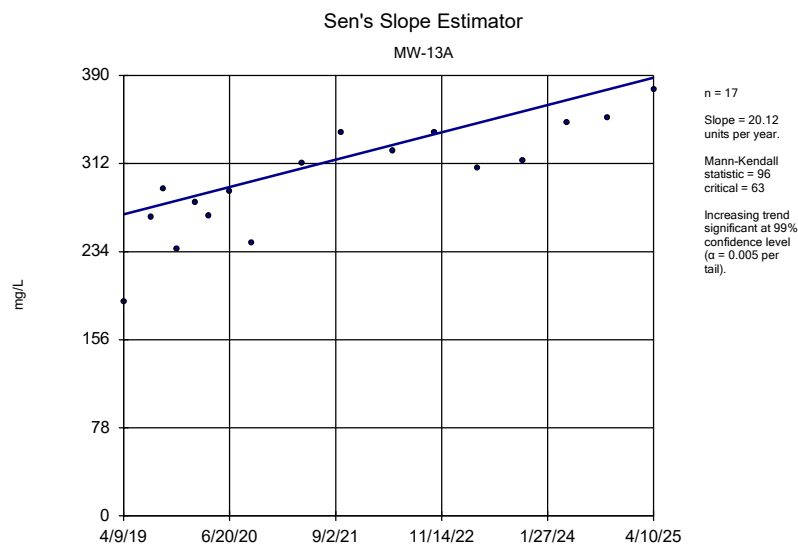




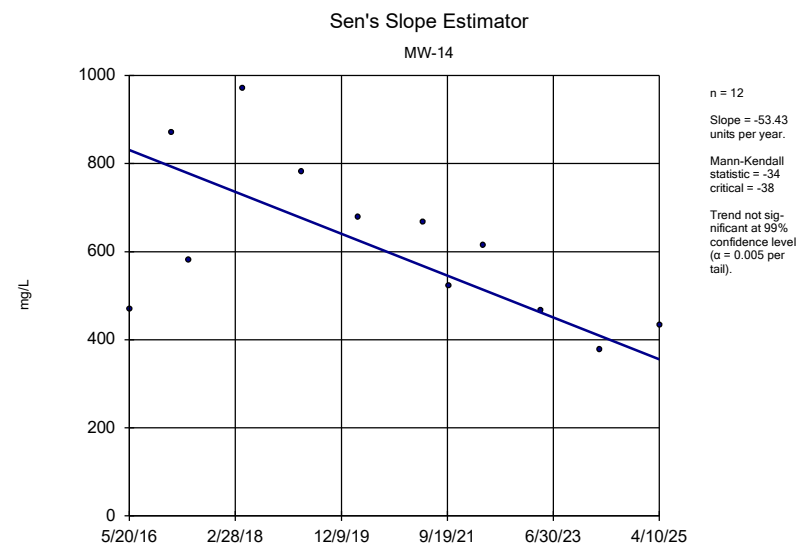
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



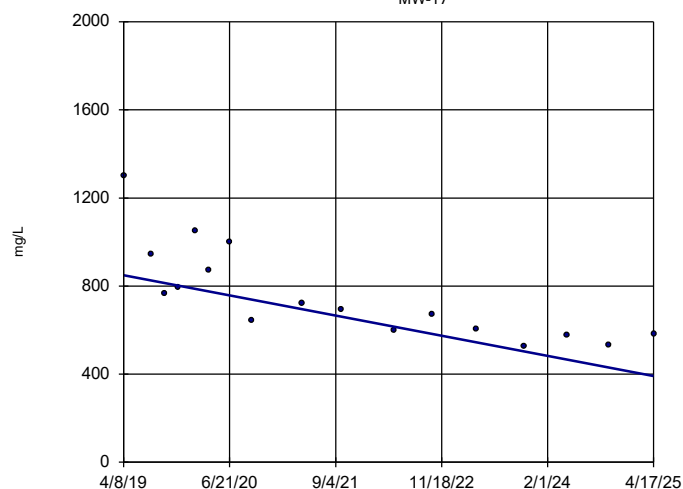
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-17

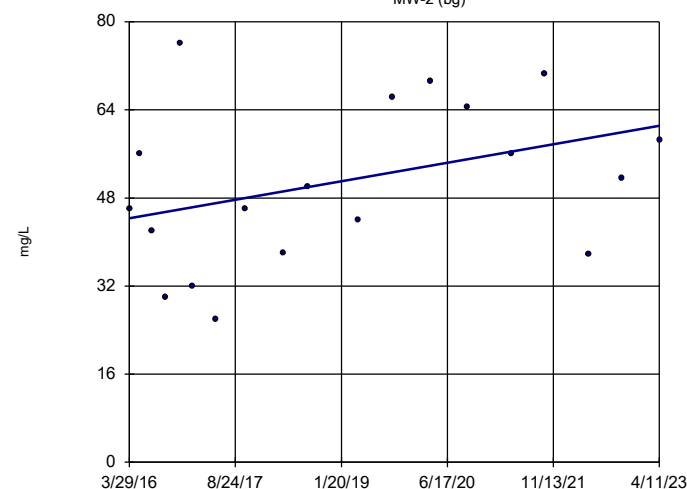


$n = 17$
Slope = -76
units per year.
Mann-Kendall
statistic = -96
critical = -63
Decreasing trend
significant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-2 (bg)

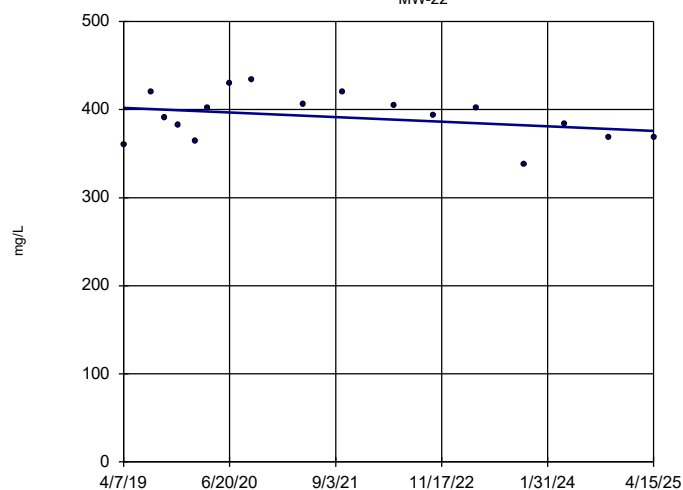


$n = 19$
Slope = 2.386
units per year.
Mann-Kendall
statistic = 41
critical = 74
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-22

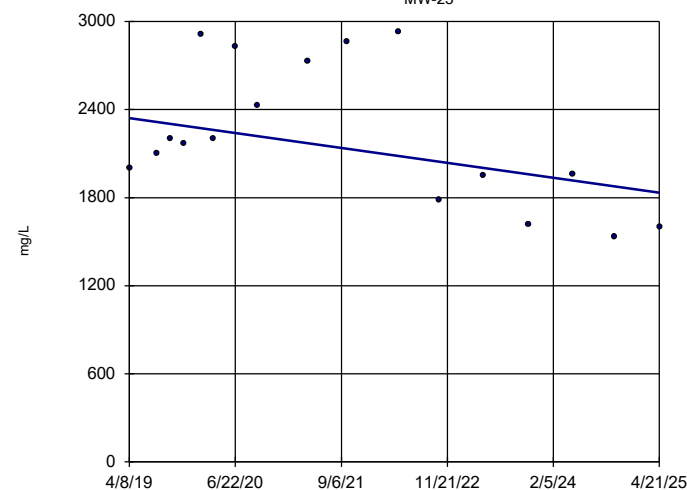


$n = 17$
Slope = -4.305
units per year.
Mann-Kendall
statistic = -21
critical = -63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

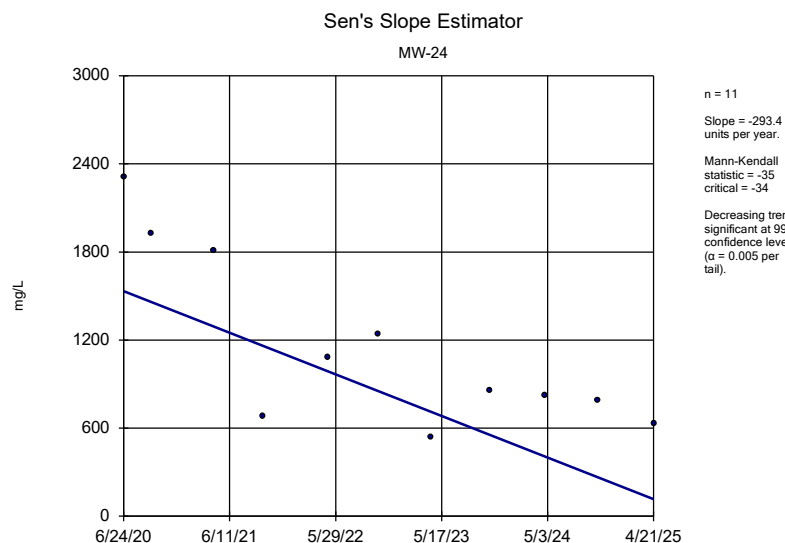
Sen's Slope Estimator

MW-23

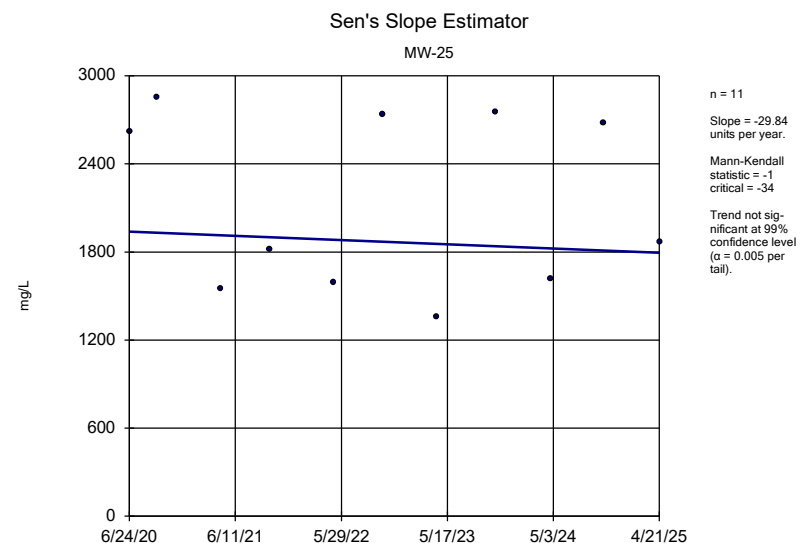


$n = 17$
Slope = -84.26
units per year.
Mann-Kendall
statistic = -33
critical = -63
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

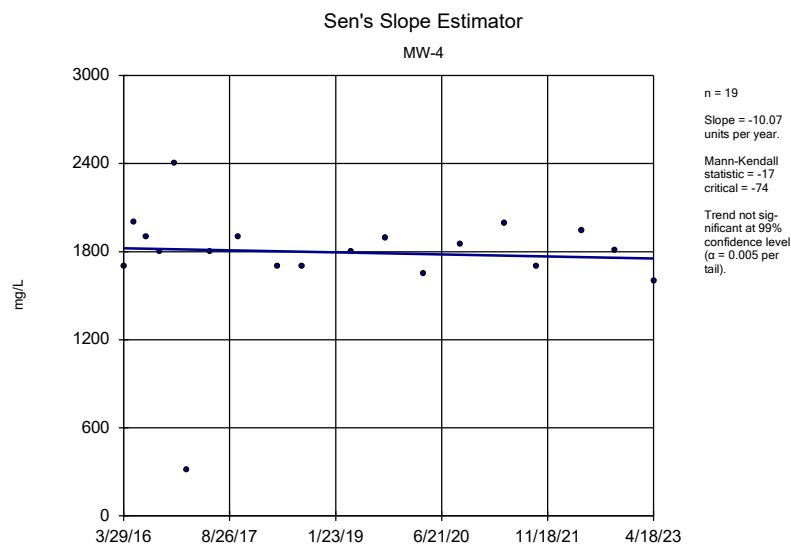
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



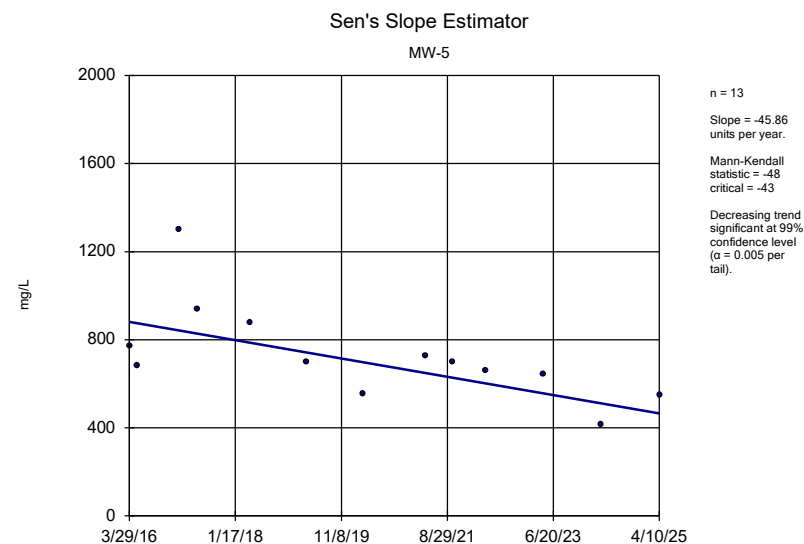
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



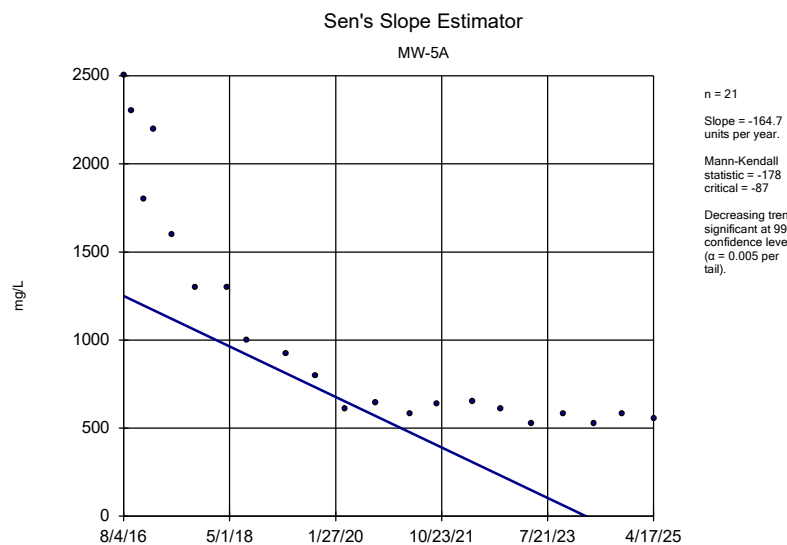
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



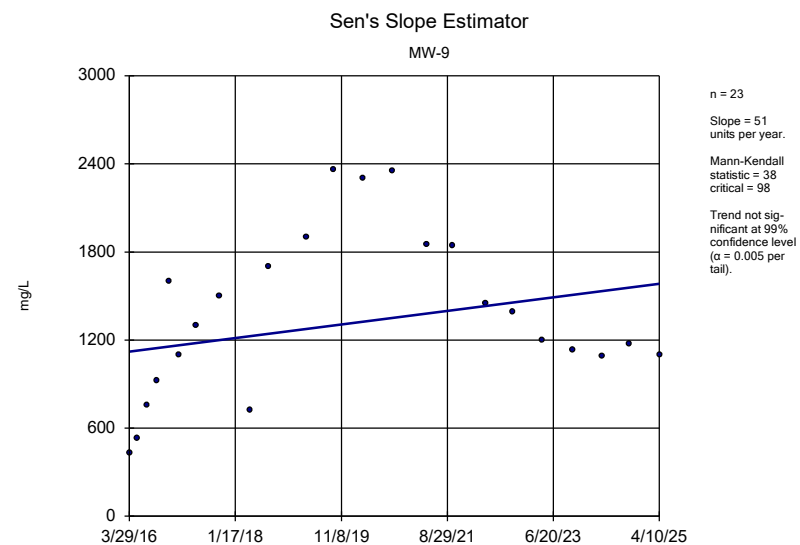
Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Total Dissolved Solids [TDS] Analysis Run 6/17/2025 9:29 AM View: Appendix III - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

FIGURE F.

Upper Tolerance Limits

Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant Printed 1/23/2024, 11:24 AM

<u>Constituent</u>	<u>Upper Lim.</u>	<u>Bg N</u>	<u>Bg Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Antimony (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Arsenic (mg/L)	0.0031	37	n/a	n/a	54.05	n/a	n/a	0.1499	NP Inter
Barium, Total (mg/L)	0.146	37	n/a	n/a	0	n/a	n/a	0.1499	NP Inter
Beryllium (mg/L)	0.001	37	n/a	n/a	91.89	n/a	n/a	0.1499	NP Inter
Cadmium (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Chromium (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Cobalt (mg/L)	0.013	37	n/a	n/a	0	n/a	n/a	0.1499	NP Inter
Combined Radium 226 + 228 (pCi/L)	1.49	39	n/a	n/a	0	n/a	n/a	0.1353	NP Inter
Fluoride, total (mg/L)	0.162	39	n/a	n/a	69.23	n/a	n/a	0.1353	NP Inter
Lead (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter
Lithium (mg/L)	0.004	38	n/a	n/a	78.95	n/a	n/a	0.1424	NP Inter
Mercury (mg/L)	0.0002	37	n/a	n/a	94.59	n/a	n/a	0.1499	NP Inter
Molybdenum (mg/L)	0.001	37	n/a	n/a	97.3	n/a	n/a	0.1499	NP Inter
Selenium (mg/L)	0.001	37	n/a	n/a	91.89	n/a	n/a	0.1499	NP Inter
Thallium (mg/L)	0.001	37	n/a	n/a	100	n/a	n/a	0.1499	NP Inter

Tolerance Limit

Interwell Non-parametric

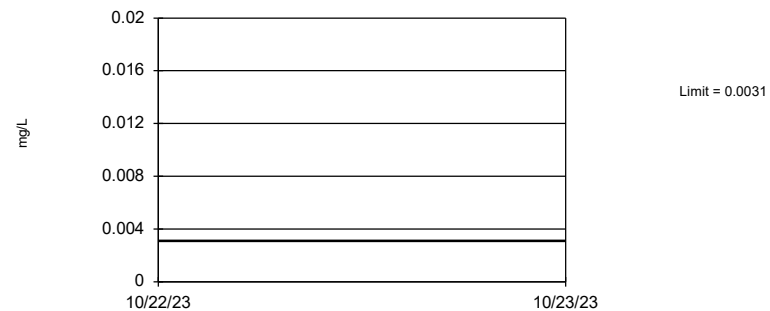


NP test selected by user. All background values were censored; limit is most recent reporting limit. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Antimony Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

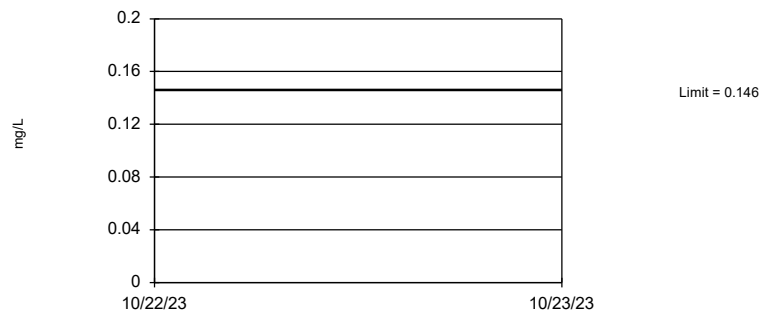


NP test selected by user. Limit is highest of 37 background values. 54.05% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Arsenic Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric



NP test selected by user. Limit is highest of 37 background values. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Barium, Total Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric



NP test selected by user. Limit is highest of 37 background values. 91.89% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Beryllium Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

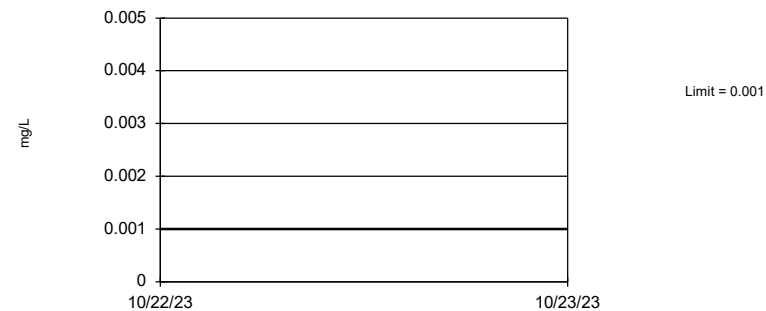


NP test selected by user. All background values were censored; limit is most recent reporting limit. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Cadmium Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

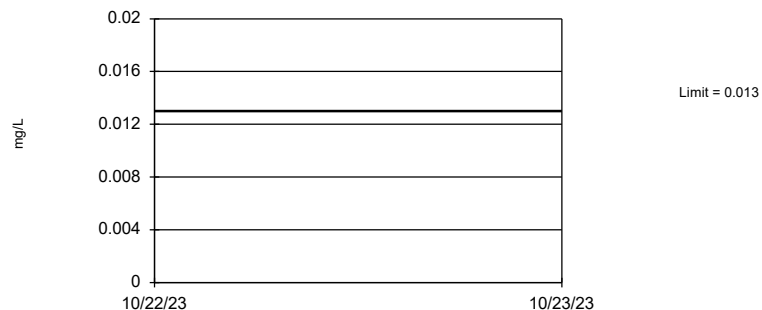


NP test selected by user. All background values were censored; limit is most recent reporting limit. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Chromium Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

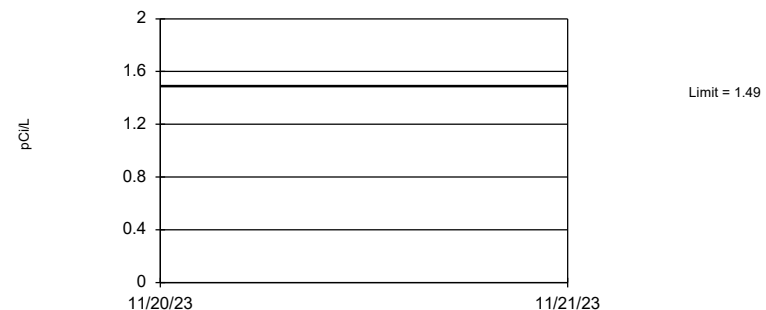


NP test selected by user. Limit is highest of 37 background values. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Cobalt Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

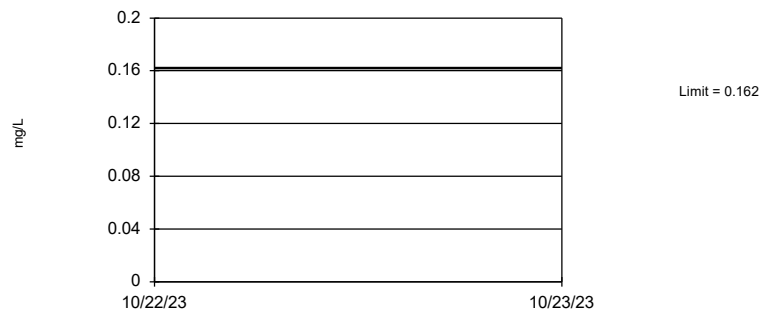


NP test selected by user. Limit is highest of 39 background values. 88.87% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1353.

Constituent: Combined Radium 226 + 228 Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

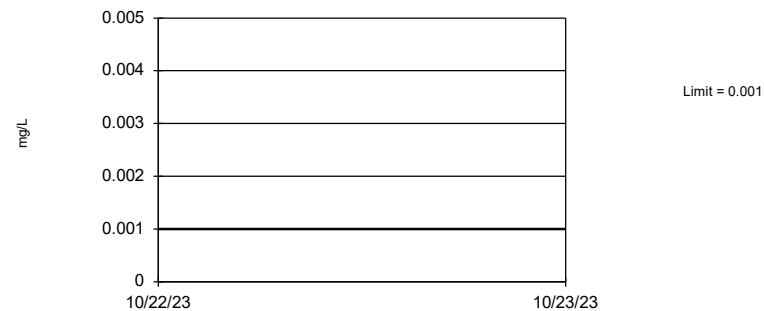


NP test selected by user. Limit is highest of 39 background values. 69.23% NDs. 88.87% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1353.

Constituent: Fluoride, total Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric



NP test selected by user. All background values were censored; limit is most recent reporting limit. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Lead Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

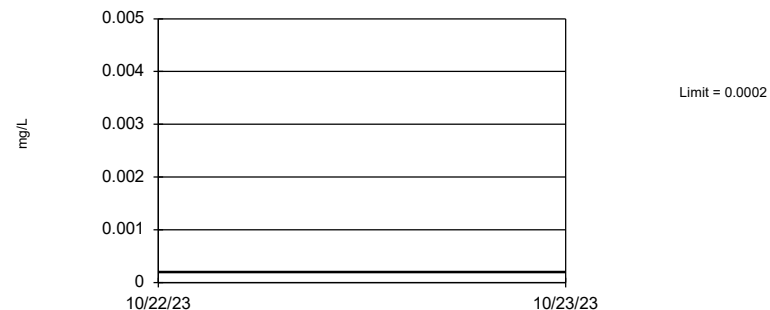


NP test selected by user. Limit is highest of 38 background values. 78.95% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1424.

Constituent: Lithium Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric



NP test selected by user. Limit is highest of 37 background values. 94.59% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Mercury Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric

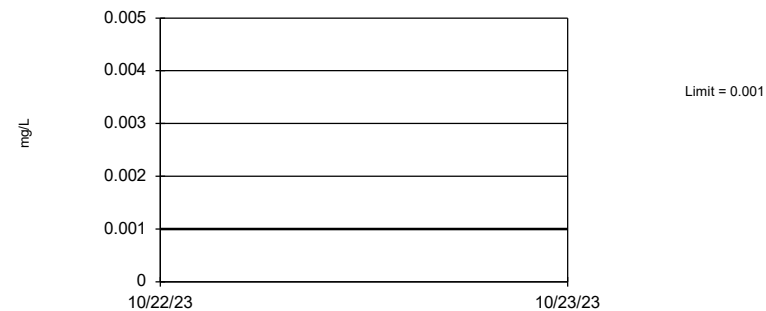


NP test selected by user. Limit is highest of 37 background values. 97.3% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Molybdenum Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric



NP test selected by user. Limit is highest of 37 background values. 91.89% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Selenium Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

Tolerance Limit

Interwell Non-parametric



NP test selected by user. All background values were censored; limit is most recent reporting limit. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Thallium Analysis Run 1/23/2024 11:22 AM View: UTL's App IV
Lowman Power Plant Client: CDG Engineers Data: Lowman Power Plant

FIGURE G.

LOWMAN POWER PLANT GWPS			
Analyte	Units	Background	GWPS
Antimony	mg/L	0.001	0.006
Arsenic	mg/L	0.0031	0.01
Barium	mg/L	0.15	2
Beryllium	mg/L	0.001	0.004
Cadmium	mg/L	0.001	0.005
Chromium	mg/L	0.001	0.1
Cobalt	mg/L	0.013	0.013
Combined Radium-226/228	pCi/L	1.49	5
Fluoride	mg/L	0.16	4
Lead	mg/L	0.001	0.015
Lithium	mg/L	0.004	0.04
Mercury	mg/L	0.0002	0.002
Molybdenum	mg/L	0.001	0.1
Selenium	mg/L	0.001	0.05
Thallium	mg/L	0.001	0.002

Notes:

1. mg/L - Milligrams per liter

2. pCi/L - Picocuries per liter

3. The background limits were used as the groundwater protection standard (GWPS) when appropriate under 40 CFR §257.95(h), ADEM Rule 335-13-15-.06(h), and the ADEM Variance.

4. GWPS established during second semi-annual sampling event in 2023.

FIGURE H.

Confidence Interval Summary Table - Significant Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-17	0.05891	0.02492	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-20	0.02797	0.02258	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-23	0.2327	0.1278	0.01	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-14	0.05352	0.01703	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-14A	0.04581	0.03294	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-17	0.02661	0.01539	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-3	0.02747	0.01753	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-4	0.9472	0.7223	0.013	Yes	8	0	x^2	0.01	Param.
Cobalt (mg/L)	MW-5A	0.02197	0.01328	0.013	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-11	0.0567	0.0419	0.04	Yes	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-14B	0.165	0.06317	0.04	Yes	8	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-17	0.1033	0.06016	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-23	0.168	0.1255	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-24	0.1233	0.07095	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-25	0.1455	0.1228	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-5A	0.06218	0.05219	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-7	0.08964	0.06721	0.04	Yes	8	0	No	0.01	Param.

Confidence Interval Summary Table - All Results

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-18	0.0015	0.001	0.006	No	8	87.5	No	0.004	NP (NDs)
Antimony (mg/L)	MW-3	0.0037	0.001	0.006	No	8	87.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-11	0.003445	0.001705	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-12A	0.0597	0.001	0.01	No	8	87.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-13	0.006559	0.001448	0.01	No	8	0	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-13A	0.009327	0.006423	0.01	No	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-14	0.0386	0.004453	0.01	No	8	0	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-14A	0.009597	0.003778	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-14B	0.0017	0.001	0.01	No	8	25	No	0.004	NP (normality)
Arsenic (mg/L)	MW-16	0.003295	0.001055	0.01	No	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-17	0.05891	0.02492	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-18	0.0111	0.001	0.01	No	8	50	No	0.004	NP (normality)
Arsenic (mg/L)	MW-20	0.02797	0.02258	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-21	0.009229	0.00246	0.01	No	8	12.5	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-22	0.005411	0.002489	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-23	0.2327	0.1278	0.01	Yes	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-24	0.002843	0.001489	0.01	No	8	37.5	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-25	0.05	0.0071	0.01	No	8	50	No	0.004	NP (normality)
Arsenic (mg/L)	MW-26	0.0014	0.001	0.01	No	8	62.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-4	0.009011	0.0008525	0.01	No	8	37.5	x^(1/3)	0.01	Param.
Arsenic (mg/L)	MW-5	0.05159	0.00932	0.01	No	8	0	sqrt(x)	0.01	Param.
Arsenic (mg/L)	MW-5A	0.003944	0.002181	0.01	No	8	12.5	No	0.01	Param.
Arsenic (mg/L)	MW-6	0.0217	0.001	0.01	No	8	62.5	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-7	0.001	0.001	0.01	No	8	75	No	0.004	NP (NDs)
Arsenic (mg/L)	MW-8	0.03305	0.009774	0.01	No	8	0	No	0.01	Param.
Arsenic (mg/L)	MW-9	0.0043	0.001	0.01	No	8	37.5	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-10	0.036	0.02525	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-11	0.05344	0.02956	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-12	0.03408	0.02697	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-12A	0.274	0.027	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-13	0.1044	0.08877	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-13A	0.1771	0.1401	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-14	0.2679	0.1163	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-14A	0.09057	0.06268	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-14B	0.1699	0.08087	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-15	0.0577	0.04472	2	No	8	0	ln(x)	0.01	Param.
Barium, Total (mg/L)	MW-16	0.1628	0.08473	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-17	0.158	0.054	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-18	0.2074	0.1213	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-19	0.07136	0.04914	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-20	0.1285	0.1017	2	No	8	0	x^3	0.01	Param.
Barium, Total (mg/L)	MW-21	0.1057	0.08131	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-22	0.1487	0.1303	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-23	0.05821	0.02929	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-24	0.165	0.104	2	No	8	0	x^2	0.01	Param.
Barium, Total (mg/L)	MW-25	0.05107	0.03868	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-26	0.1335	0.09628	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-3	0.1142	0.08609	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-4	0.0451	0.02752	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-5	0.3665	0.1367	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-5A	0.09484	0.07766	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-6	0.106	0.038	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-7	0.119	0.074	2	No	8	0	No	0.004	NP (normality)
Barium, Total (mg/L)	MW-8	0.1117	0.07326	2	No	8	0	No	0.01	Param.
Barium, Total (mg/L)	MW-9	0.136	0.049	2	No	8	0	No	0.004	NP (normality)
Beryllium (mg/L)	MW-4	0.005581	0.003977	0.004	No	8	0	No	0.01	Param.
Cadmium (mg/L)	MW-10	0.0015	0.001	0.005	No	8	75	No	0.004	NP (NDs)
Cadmium (mg/L)	MW-12	0.001	0.00037	0.005	No	8	87.5	No	0.004	NP (NDs)
Cadmium (mg/L)	MW-14B	0.0102	0.001	0.005	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-12	0.003	0.001	0.1	No	8	25	No	0.004	NP (normality)
Chromium (mg/L)	MW-12A	0.001	0.001	0.1	No	8	50	No	0.004	NP (normality)
Chromium (mg/L)	MW-13	0.00116	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-13A	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-14B	0.002	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-15	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-17	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-21	0.001	0.001	0.1	No	8	62.5	No	0.004	NP (NDs)
Chromium (mg/L)	MW-26	0.001	0.001	0.1	No	8	50	No	0.004	NP (normality)

Confidence Interval Summary Table - All Results

Page 2

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Chromium (mg/L)	MW-3	0.003	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-10	0.004647	0.001228	0.013	No	8	12.5	No	0.01	Param.
Cobalt (mg/L)	MW-12A	0.013	0.001	0.013	No	8	75	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-13	0.002	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-13A	0.019	0.011	0.013	No	8	0	No	0.004	NP (normality)
Cobalt (mg/L)	MW-14	0.05352	0.01703	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-14A	0.04581	0.03294	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-15	0.004	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-16	0.01559	0.006907	0.013	No	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-17	0.02661	0.01539	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-18	0.001	0.001	0.013	No	8	87.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-19	0.004	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-20	0.006	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-21	0.005	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-22	0.003	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-23	0.016	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Cobalt (mg/L)	MW-24	0.004	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-25	0.011	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-3	0.02747	0.01753	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-4	0.9472	0.7223	0.013	Yes	8	0	x^2	0.01	Param.
Cobalt (mg/L)	MW-5	0.01982	0.01128	0.013	No	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-5A	0.02197	0.01328	0.013	Yes	8	0	No	0.01	Param.
Cobalt (mg/L)	MW-6	0.014	0.001	0.013	No	8	37.5	No	0.004	NP (normality)
Cobalt (mg/L)	MW-7	0.001	0.001	0.013	No	8	50	No	0.004	NP (normality)
Cobalt (mg/L)	MW-8	0.002	0.001	0.013	No	8	62.5	No	0.004	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	MW-10	1.808	0.2548	5	No	8	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-11	1.711	0.595	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-12	1.134	0.2267	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-12A	1.235	0.2649	5	No	8	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-13	1.369	0.4153	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-13A	1.62	0.5994	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-14	1.799	0.4507	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-14A	1.671	0.4539	5	No	8	0	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-14B	1.99	0.5419	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-15	1.205	0.3072	5	No	8	0	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-16	1.4	0.4114	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-17	1.38	0.3173	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-18	0.8281	0.4296	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-19	0.675	0.09922	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-20	1.276	0.4266	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-21	0.7827	0.4161	5	No	8	0	x^3	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-22	1.189	0.3153	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-23	1.481	0.6655	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-24	1.268	0.7602	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-25	1.347	0.4564	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-26	0.987	0.3725	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-3	1.174	0.1488	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-4	1.346	0.5897	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-5	1.399	0.6637	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-5A	3.012	0.2263	5	No	8	0	ln(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-6	0.8296	0.4557	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-7	10.9	0.533	5	No	8	0	No	0.004	NP (normality)
Combined Radium 226 + 228 (pCi/L)	MW-8	0.8159	0.3666	5	No	8	0	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-9	2.577	0.9865	5	No	8	0	sqrt(x)	0.01	Param.
Fluoride, total (mg/L)	MW-10	0.282	0.125	4	No	8	87.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-11	2.102	1.645	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-12	0.151	0.05	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-13	1.25	0.13	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-14	0.1891	0.1284	4	No	8	37.5	x^5	0.01	Param.
Fluoride, total (mg/L)	MW-14A	0.253	0.125	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-16	0.128	0.125	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-17	1.922	0.7936	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-18	0.146	0.125	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-20	0.203	0.125	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-21	0.208	0.125	4	No	8	62.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-22	0.223	0.125	4	No	8	87.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-23	2.42	1.391	4	No	8	0	x^2	0.01	Param.
Fluoride, total (mg/L)	MW-24	1.563	0.8503	4	No	8	0	x^2	0.01	Param.

Confidence Interval Summary Table - All Results

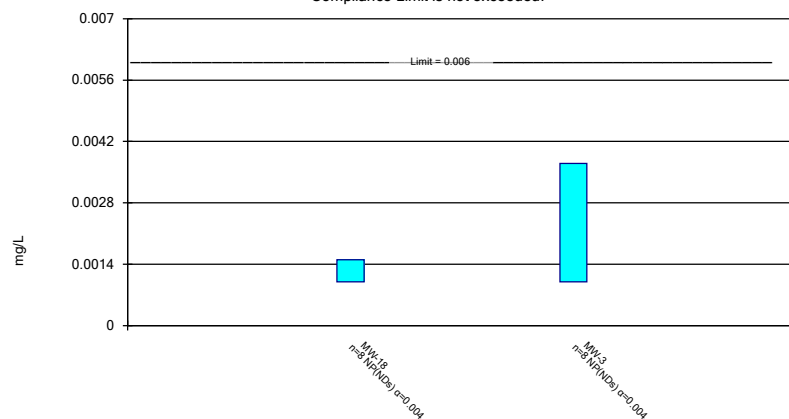
Page 3

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:00 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	Transform	Alpha	Method
Fluoride, total (mg/L)	MW-25	0.8779	0.3766	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-26	0.2248	0.1192	4	No	8	25	No	0.01	Param.
Fluoride, total (mg/L)	MW-3	0.157	0.125	4	No	8	87.5	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-4	0.8186	0.3139	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-5	0.336	0.125	4	No	8	50	No	0.004	NP (normality)
Fluoride, total (mg/L)	MW-5A	1.676	1.256	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-6	0.2	0.125	4	No	8	75	No	0.004	NP (NDs)
Fluoride, total (mg/L)	MW-7	2.486	1.802	4	No	8	0	No	0.01	Param.
Fluoride, total (mg/L)	MW-8	0.2806	0.1608	4	No	8	25	x^2	0.01	Param.
Fluoride, total (mg/L)	MW-9	0.226	0.125	4	No	8	50	No	0.004	NP (normality)
Lead (mg/L)	MW-4	0.001811	0.001059	0.015	No	8	25	No	0.01	Param.
Lithium (mg/L)	MW-10	0.01606	0.01252	0.04	No	8	0	No	0.01	Param.
Lithium (mg/L)	MW-11	0.0567	0.0419	0.04	Yes	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-12	0.00916	0.004	0.04	No	8	50	No	0.004	NP (normality)
Lithium (mg/L)	MW-12A	0.00633	0.00408	0.04	No	8	37.5	No	0.01	Param.
Lithium (mg/L)	MW-13A	0.00958	0.00659	0.04	No	8	0	No	0.01	Param.
Lithium (mg/L)	MW-14	0.004	0.0015	0.04	No	8	87.5	No	0.004	NP (NDs)
Lithium (mg/L)	MW-14A	0.0118	0.00679	0.04	No	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-14B	0.165	0.06317	0.04	Yes	8	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-16	0.0519	0.0309	0.04	No	8	0	No	0.004	NP (normality)
Lithium (mg/L)	MW-17	0.1033	0.06016	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-19	0.01222	0.008678	0.04	No	8	0	sqrt(x)	0.01	Param.
Lithium (mg/L)	MW-23	0.168	0.1255	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-24	0.1233	0.07095	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-25	0.1455	0.1228	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-4	0.006922	0.004803	0.04	No	8	12.5	No	0.01	Param.
Lithium (mg/L)	MW-5	0.00585	0.005	0.04	No	8	87.5	No	0.004	NP (NDs)
Lithium (mg/L)	MW-5A	0.06218	0.05219	0.04	Yes	8	0	No	0.01	Param.
Lithium (mg/L)	MW-6	0.00603	0.004	0.04	No	8	62.5	No	0.004	NP (NDs)
Lithium (mg/L)	MW-7	0.08964	0.06721	0.04	Yes	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-11	0.1065	0.06752	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-12A	0.001	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-14	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-14B	0.04297	0.01807	0.1	No	8	0	ln(x)	0.01	Param.
Molybdenum (mg/L)	MW-16	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-17	0.1161	0.02765	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-21	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-23	0.1585	0.0993	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-24	0.01727	0.005122	0.1	No	8	12.5	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-25	0.09514	0.06211	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-26	0.006971	0.003779	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-3	0.002	0.001	0.1	No	8	87.5	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-5	0.001	0.001	0.1	No	8	75	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-5A	0.1241	0.05826	0.1	No	8	0	x^(1/3)	0.01	Param.
Molybdenum (mg/L)	MW-6	0.003	0.001	0.1	No	8	62.5	No	0.004	NP (NDs)
Molybdenum (mg/L)	MW-7	0.02103	0.01047	0.1	No	8	0	No	0.01	Param.
Molybdenum (mg/L)	MW-8	0.001	0.001	0.1	No	8	62.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-10	0.003867	0.0008827	0.05	No	8	0	No	0.01	Param.
Selenium (mg/L)	MW-12	0.008	0.001	0.05	No	8	37.5	No	0.004	NP (normality)
Selenium (mg/L)	MW-12A	0.007	0.001	0.05	No	8	25	No	0.004	NP (normality)
Selenium (mg/L)	MW-13	0.003	0.001	0.05	No	8	37.5	No	0.004	NP (normality)
Selenium (mg/L)	MW-13A	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-14	0.001	0.001	0.05	No	8	75	No	0.004	NP (NDs)
Selenium (mg/L)	MW-14A	0.002	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-14B	0.002	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-16	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-17	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-19	0.001	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-26	0.01783	0.004673	0.05	No	8	0	No	0.01	Param.
Selenium (mg/L)	MW-4	0.005	0.001	0.05	No	8	62.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-5	0.0033	0.00188	0.05	No	8	0	No	0.004	NP (normality)
Selenium (mg/L)	MW-6	0.011	0.001	0.05	No	8	62.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-7	0.012	0.001	0.05	No	8	87.5	No	0.004	NP (NDs)
Selenium (mg/L)	MW-9	0.002	0.001	0.05	No	8	75	No	0.004	NP (NDs)

Non-Parametric Confidence Interval

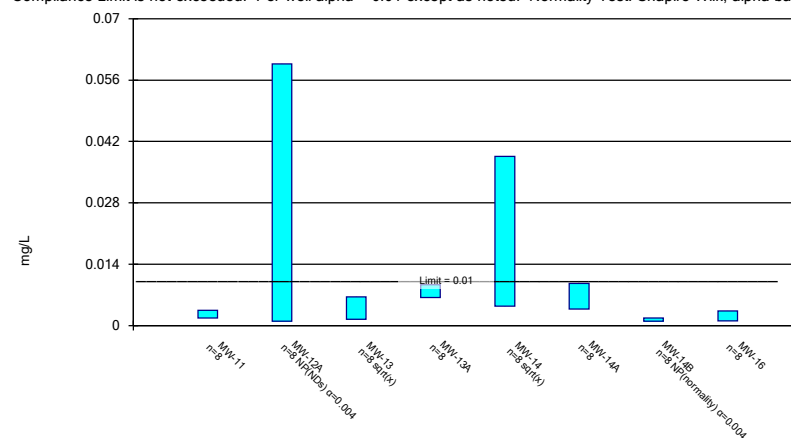
Compliance Limit is not exceeded.



Constituent: Antimony Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

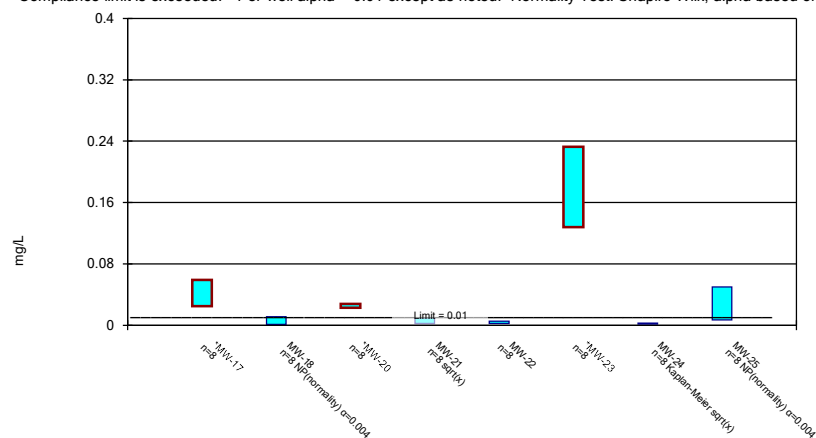
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% N
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

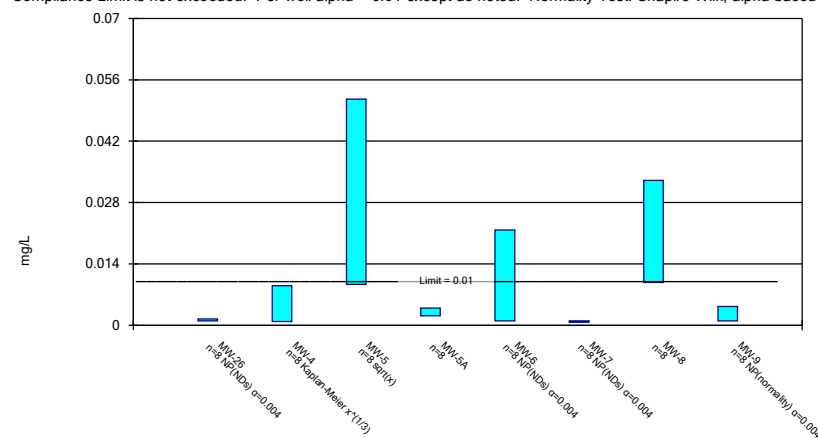
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% N
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

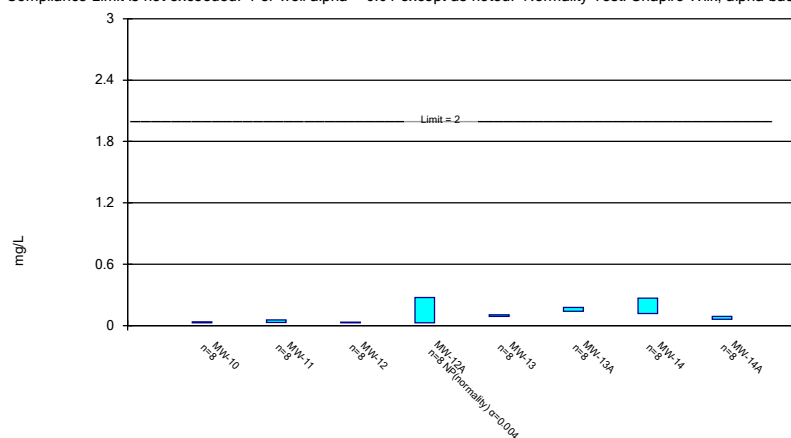
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% N
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

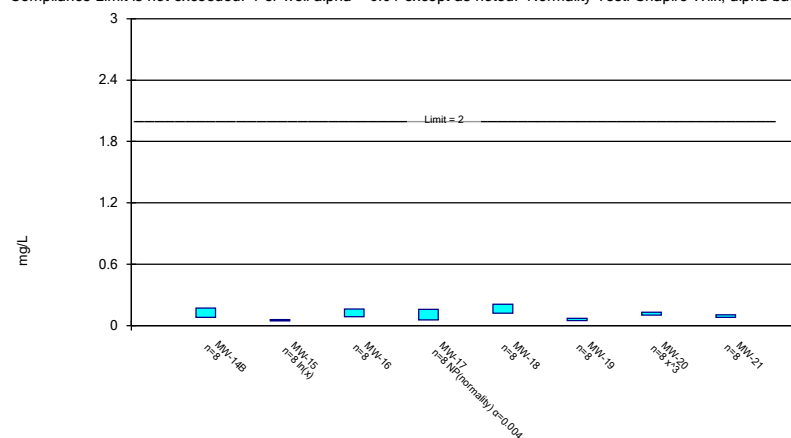
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: Barium, Total Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (10)
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

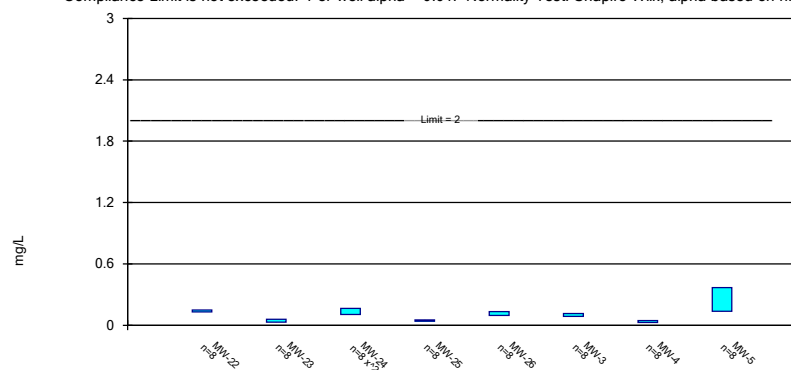
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: Barium, Total Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (10)
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

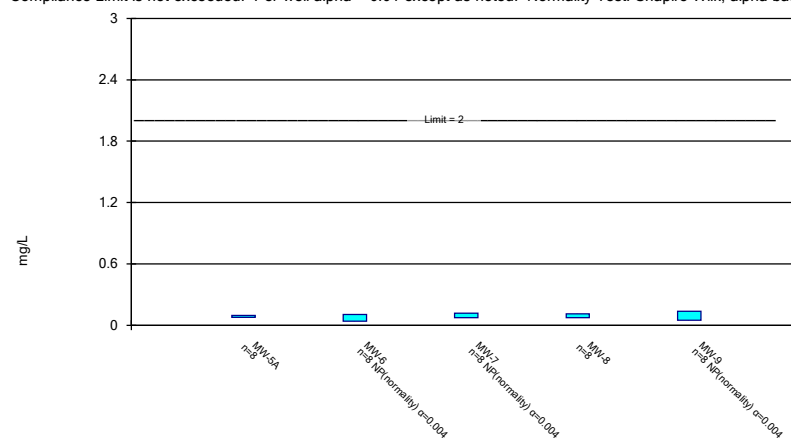
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: Barium, Total Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (10)
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

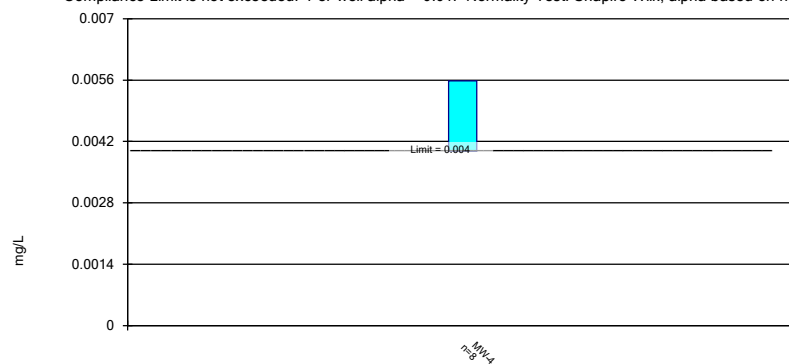
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: Barium, Total Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (10)
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Non-Parametric Confidence Interval

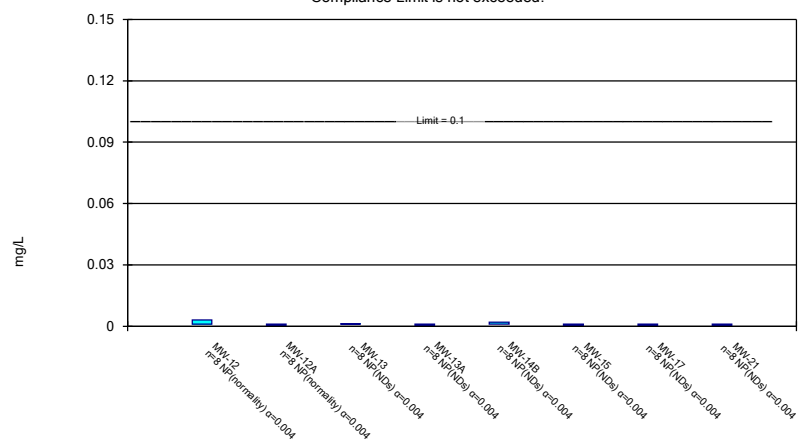
Compliance Limit is not exceeded.



Constituent: Cadmium Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Non-Parametric Confidence Interval

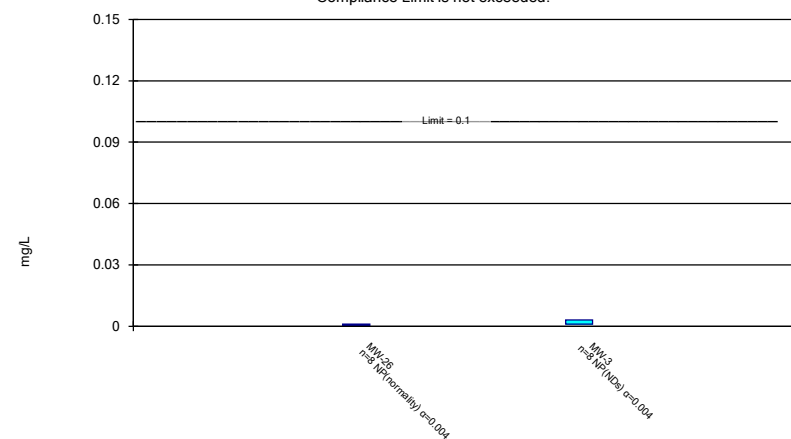
Compliance Limit is not exceeded.



Constituent: Chromium Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Non-Parametric Confidence Interval

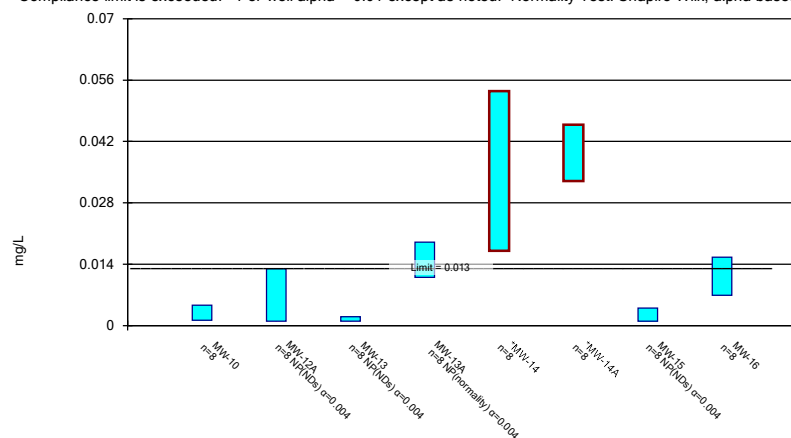
Compliance Limit is not exceeded.



Constituent: Chromium Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

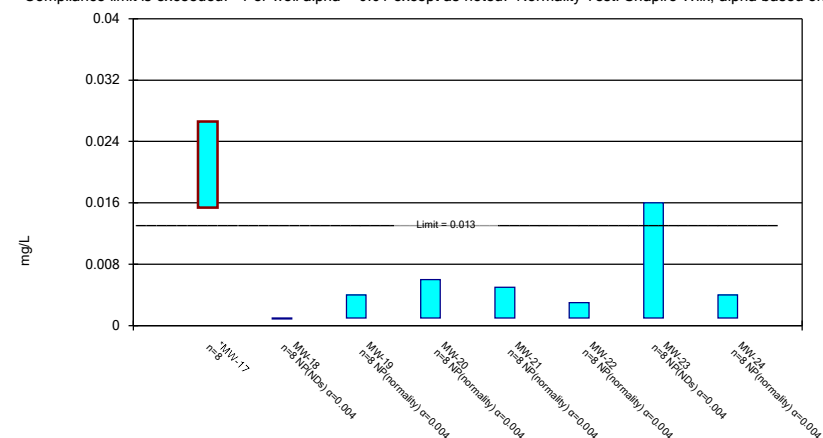
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% ND
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

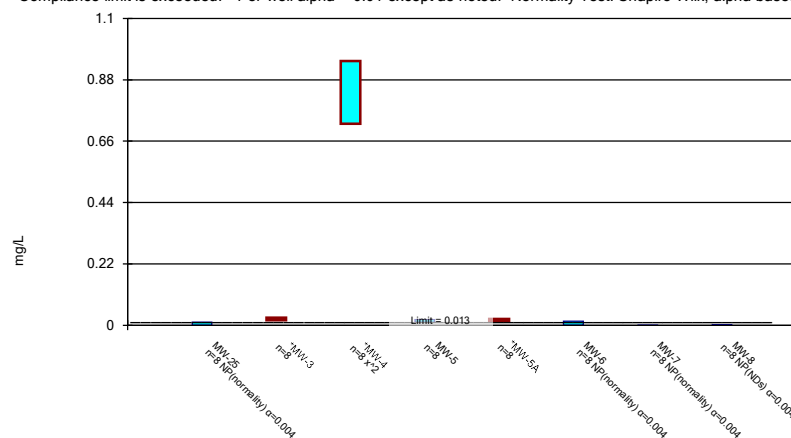
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% ND
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

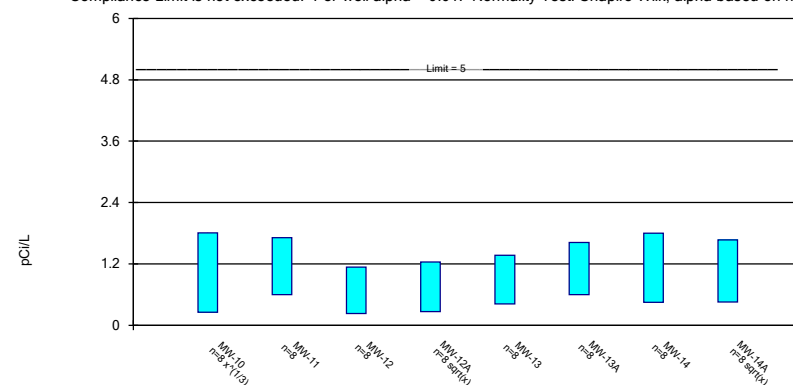
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confidence Intervals (100% ND
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric Confidence Interval

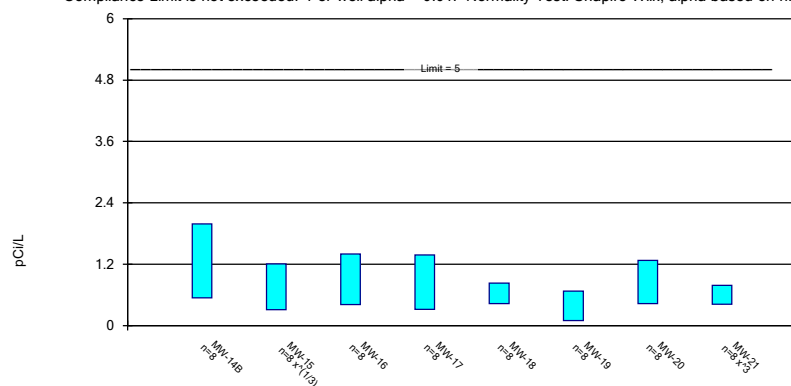
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confiden
 Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric Confidence Interval

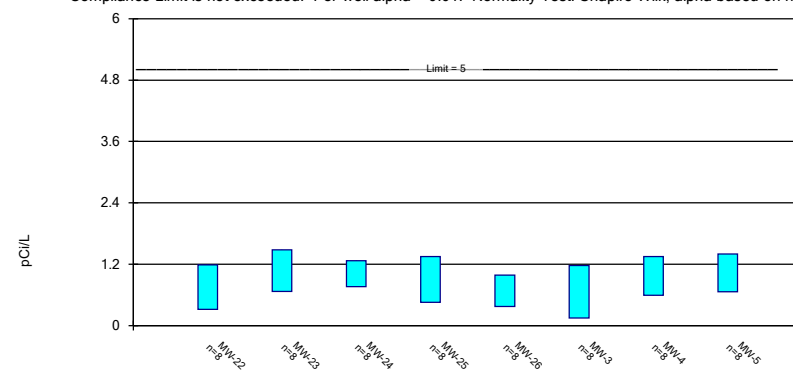
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confiden
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric Confidence Interval

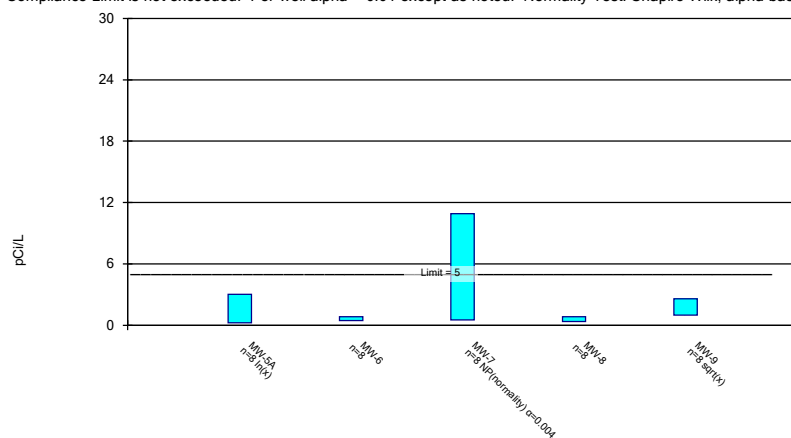
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 8:58 AM View: Appendix IV - Confiden
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

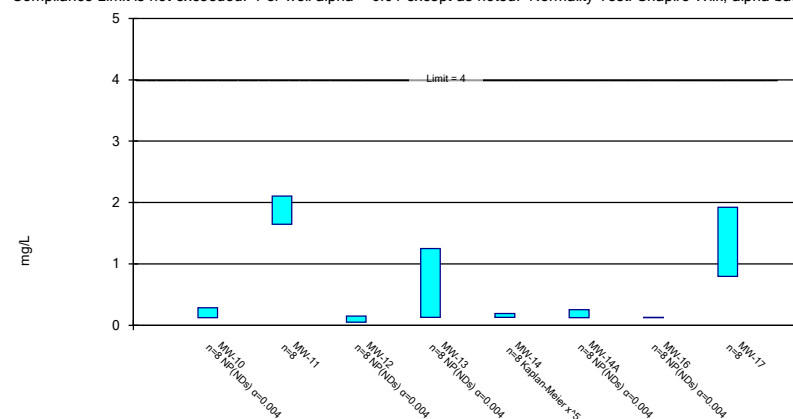
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confiden
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

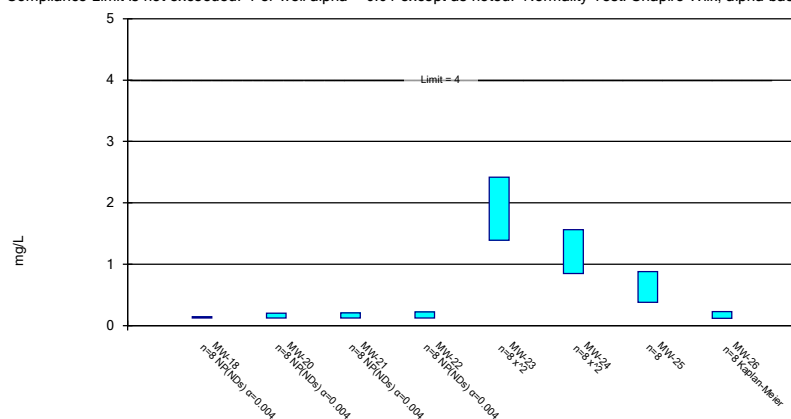
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (10
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

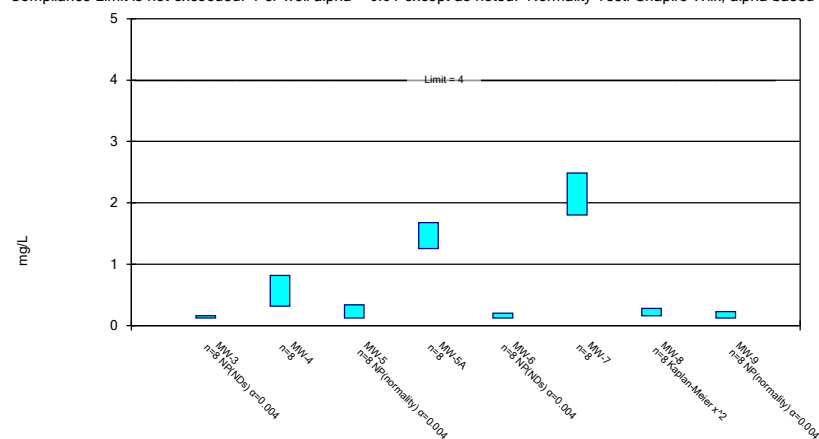
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (10
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

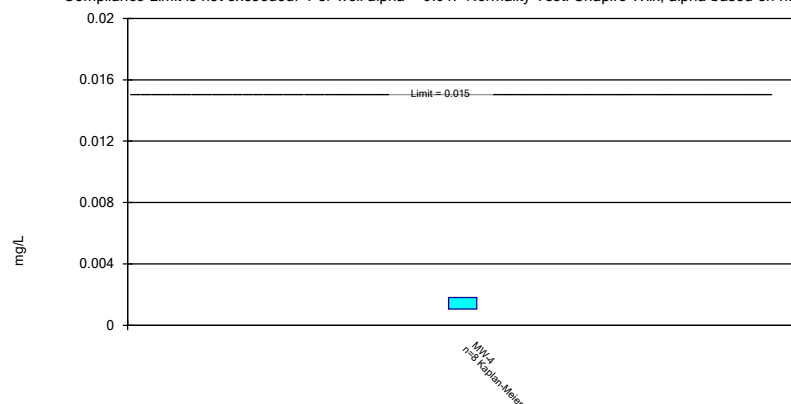
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride, total Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (10
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric Confidence Interval

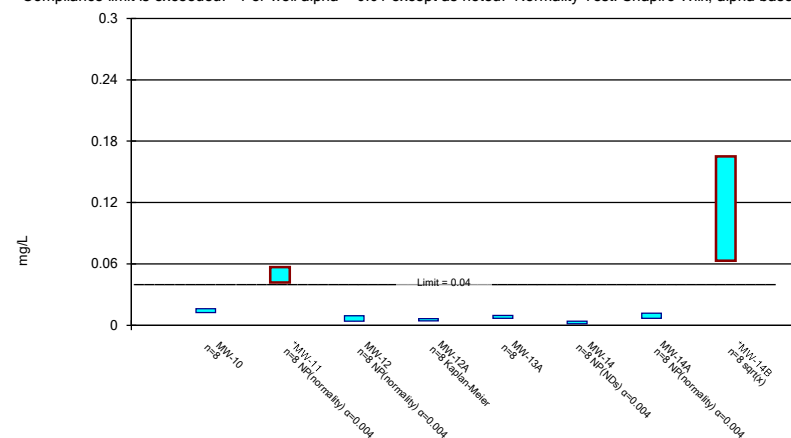
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100% NDs)
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

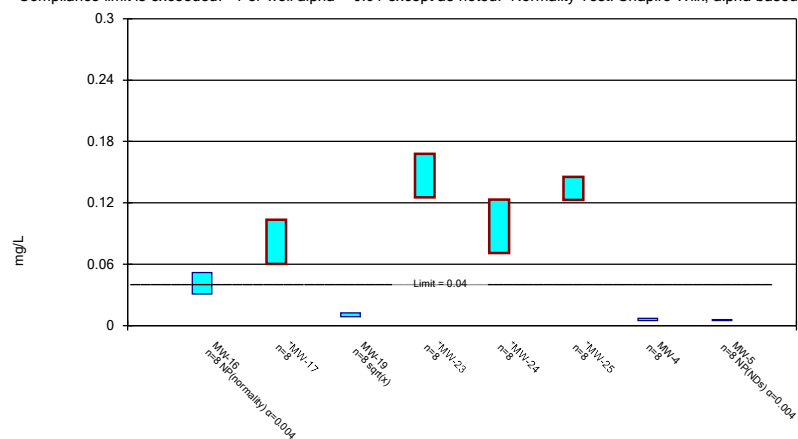
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100% ND
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

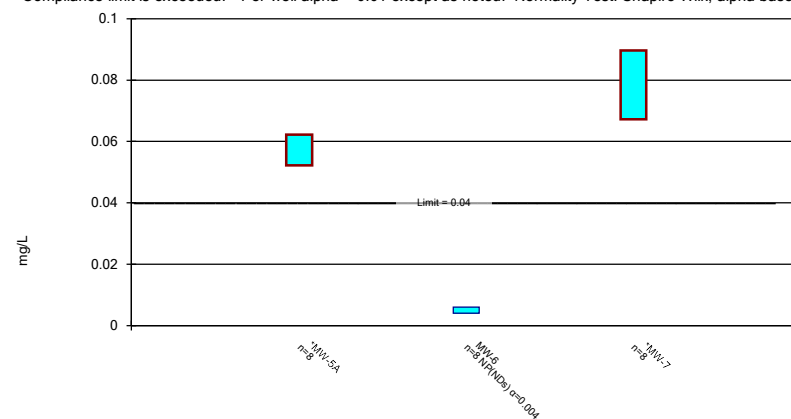
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100% ND
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

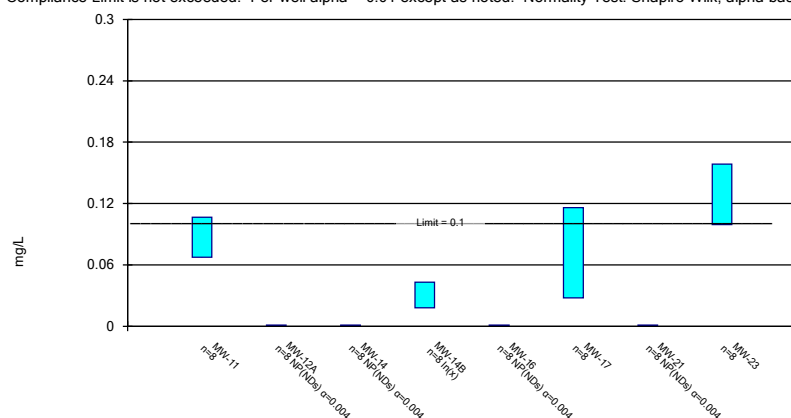
Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100% ND
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

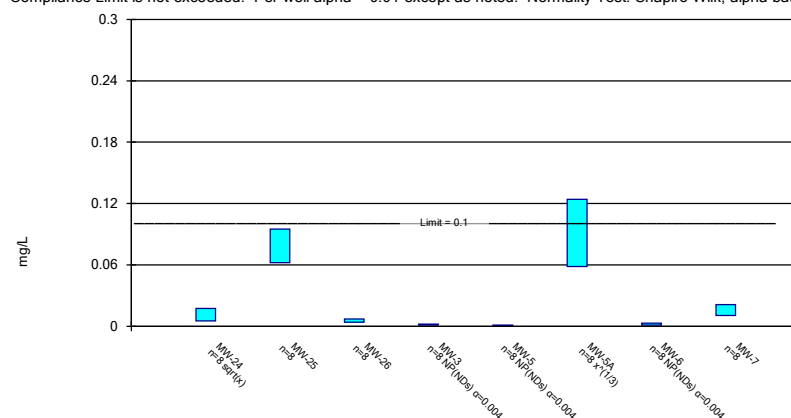
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100% ND
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

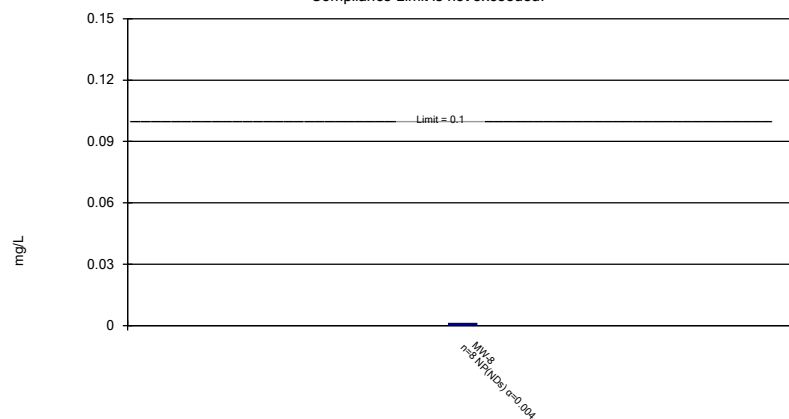
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100% ND
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Non-Parametric Confidence Interval

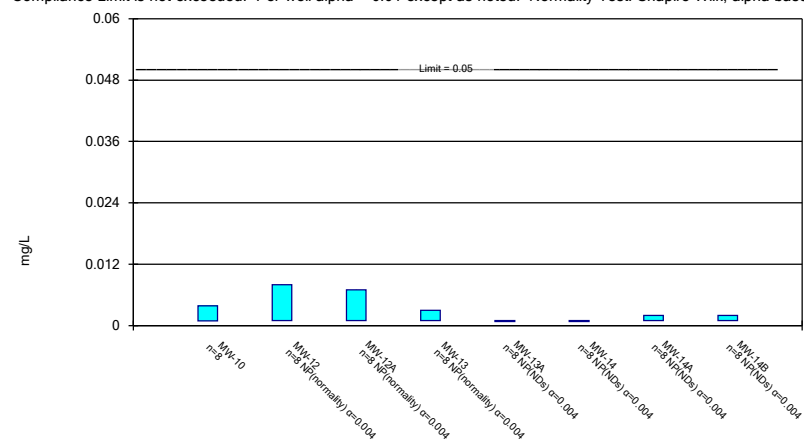
Compliance Limit is not exceeded.



Constituent: Molybdenum Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

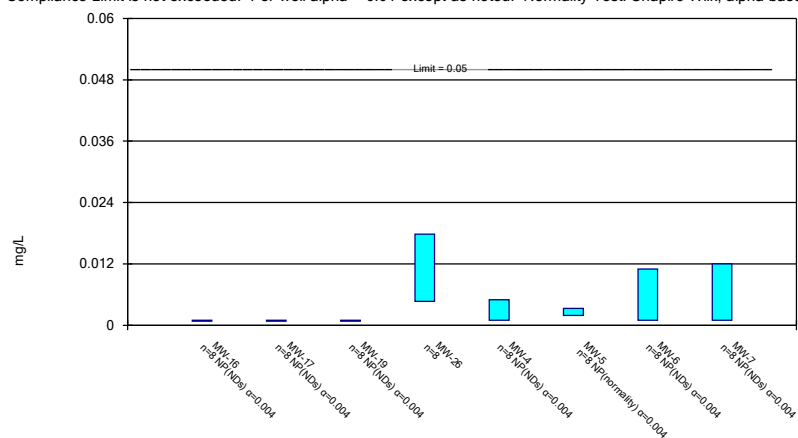
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Parametric and Non-Parametric (NP) Confidence Interval

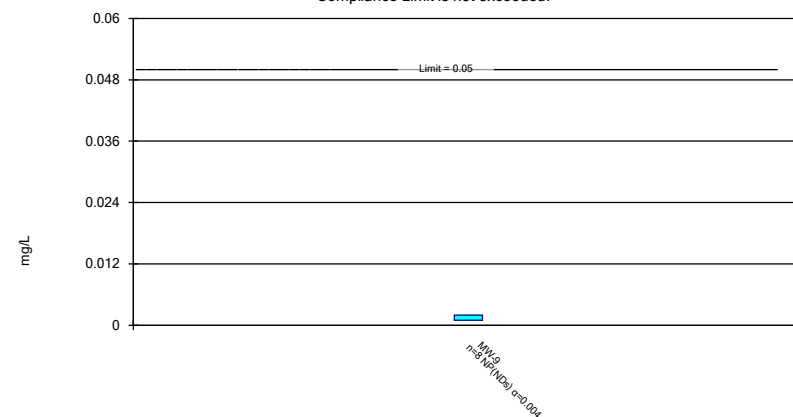
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Selenium Analysis Run 6/17/2025 8:59 AM View: Appendix IV - Confidence Intervals (100%
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-18	MW-3
9/29/2021	<0.001	<0.001
4/26/2022	<0.001	
5/3/2022		<0.001
10/11/2022		<0.001
10/12/2022	<0.001	
4/10/2023		<0.001
4/12/2023	<0.001	
10/19/2023	0.0015	
10/23/2023		<0.001
4/11/2024	<0.001	
4/23/2024		<0.001
10/3/2024	<0.001	
10/9/2024		<0.001
4/11/2025	<0.001	
4/15/2025		0.0037
Mean	0.001063	0.001338
Std. Dev.	0.0001768	0.0009546
Upper Lim.	0.0015	0.0037
Lower Lim.	0.001	0.001

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-11	MW-12A	MW-13	MW-13A	MW-14	MW-14A	MW-14B	MW-16
4/10/2019					0.017			
3/24/2020					0.00726			
3/25/2020			0.00271					
4/19/2021			0.0021					
4/22/2021					0.0132			
9/28/2021			0.0018	0.0103				
9/29/2021					0.0368	0.0117	0.001	
10/1/2021	0.0033	<0.001						
10/4/2021								0.0031
4/25/2022		0.0597						
4/26/2022					0.0635		<0.001	0.0018
4/27/2022	0.0025			0.0092				
5/2/2022			0.0017					
5/4/2022						0.0091		
10/12/2022						0.0054	0.0017	0.0039
10/13/2022		<0.001						
10/17/2022	0.0025			0.0071				
10/18/2022			0.003					
4/10/2023			0.0098					
4/11/2023				0.0081				
4/12/2023	0.0028							0.0014
4/13/2023					0.014	0.0067	0.001	
4/18/2023		<0.001						
10/17/2023		<0.001		0.0081				0.0031
10/18/2023	0.0022						0.0016	
10/24/2023						0.0066		
4/9/2024		<0.001						
4/11/2024					0.008			0.0011
4/17/2024			0.0064	0.0069				
4/22/2024						0.0064	0.001	
4/23/2024	0.001							
10/2/2024		<0.001						
10/3/2024				0.0073			0.0012	0.0019
10/9/2024						0.0051		
10/10/2024	0.0038							
4/10/2025		<0.001		0.006	0.005			
4/11/2025							<0.001	0.0011
4/15/2025						<0.005		
4/16/2025	<0.005							
4/22/2025			0.0037					
Mean	0.002575	0.008338	0.003901	0.007875	0.0206	0.006687	0.001188	0.002175
Std. Dev.	0.0008207	0.02075	0.002824	0.00137	0.01998	0.002745	0.0002949	0.001057
Upper Lim.	0.003445	0.0597	0.006559	0.009327	0.0386	0.009597	0.0017	0.003295
Lower Lim.	0.001705	0.001	0.001448	0.006423	0.004453	0.003778	0.001	0.001055

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-17	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25
9/28/2021	0.0634						0.0013	
9/29/2021		<0.001						
9/30/2021					0.006			
10/1/2021						0.254		
10/4/2021			0.0294	0.0083				
10/5/2021								0.0071
4/26/2022		0.0031						
5/2/2022					0.0057			
5/3/2022	0.0472			0.0134			0.0023	
5/4/2022			0.0282			0.241		0.0122
10/11/2022			0.0244					
10/12/2022	0.0214	<0.001						
10/13/2022				0.0055	0.004			<0.05
10/18/2022						0.117	<0.005	
4/11/2023			0.0259	0.0055				
4/12/2023	0.0569	0.0109			0.0024			
4/13/2023							0.0033	0.0146
4/18/2023						0.186		
10/19/2023		<0.001						
10/24/2023			0.0242	0.0041	0.0036			
10/25/2023						0.13		
10/26/2023	0.0177						0.002	<0.05
4/9/2024			0.0235	0.0039	0.0029			
4/11/2024		0.0111						
4/23/2024							<0.005	0.01
4/24/2024	0.0492					0.197		
10/3/2024		<0.001						
10/9/2024					0.0045			
10/15/2024	0.0369							
10/16/2024			0.0215	0.0026		0.148	0.0019	<0.05
4/11/2025		0.0069						
4/15/2025			0.0251		<0.005			
4/17/2025	0.0426			<0.005				
4/21/2025						0.169	<0.005	<0.05
Mean	0.04191	0.0045	0.02528	0.005725	0.00395	0.1803	0.003225	0.03049
Std. Dev.	0.01604	0.004492	0.002544	0.003621	0.001378	0.04948	0.001571	0.02096
Upper Lim.	0.05891	0.0111	0.02797	0.009229	0.005411	0.2327	0.002843	0.05
Lower Lim.	0.02492	0.001	0.02258	0.00246	0.002489	0.1278	0.001489	0.0071

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-4	MW-5	MW-5A	MW-6	MW-7	MW-8	MW-9
4/9/2019			0.022					
9/24/2019		<0.005						
3/23/2020			0.0242					
3/26/2020		0.00612						
9/23/2020		0.0017						
4/19/2021			0.0205					
4/21/2021		<0.005						
9/28/2021		0.0034	0.0779	0.0044				
9/29/2021						<0.001		
9/30/2021					<0.001		0.0097	0.0015
10/5/2021	0.0012							
4/25/2022								<0.001
4/26/2022			0.0508	0.0036				
4/27/2022					<0.001		0.0196	
5/3/2022		<0.005				<0.001		
5/4/2022	0.0014							
10/11/2022		0.0012						<0.001
10/12/2022				0.002				
10/17/2022					0.0217	0.001	0.0316	
10/18/2022	<0.001							
4/10/2023		0.0212						
4/11/2023								0.0011
4/12/2023					<0.001	<0.001	0.0125	
4/18/2023	0.0011		0.0197	0.0037				
10/17/2023					0.0204			
10/18/2023						<0.001		
10/19/2023								0.0035
10/23/2023							0.036	
10/24/2023				0.0023				
10/26/2023	<0.001							
4/9/2024					<0.001			
4/11/2024			0.0135					
4/17/2024								0.0035
4/22/2024						<0.001	0.0162	
4/23/2024	<0.001			0.0034				
10/2/2024					0.0206			0.0043
10/9/2024						0.001		
10/15/2024				0.0026			0.0346	
10/16/2024	<0.001							
4/10/2025			0.0075					<0.001
4/15/2025					<0.001	<0.001	0.0111	
4/17/2025				<0.005				
4/21/2025	<0.001							
Mean	0.001088	0.006077	0.02951	0.003062	0.008463	0.001	0.02141	0.002113
Std. Dev.	0.0001458	0.00635	0.02329	0.0008314	0.01031	2.2E-11	0.01098	0.001401
Upper Lim.	0.0014	0.009011	0.05159	0.003944	0.0217	0.001	0.03305	0.0043
Lower Lim.	0.001	0.0008525	0.00932	0.002181	0.001	0.001	0.009774	0.001

Confidence Interval

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/9/2019			0.027					
4/10/2019							0.19	
3/24/2020			0.0322				0.169	
3/25/2020					0.0975			
4/19/2021					0.092			
4/21/2021			0.035					
4/22/2021							0.238	
9/28/2021					0.111	0.169		
9/29/2021							0.292	0.085
9/30/2021	0.024							
10/1/2021		0.028	0.026	0.027				
4/25/2022			0.029	0.274				
4/26/2022							0.282	
4/27/2022	0.023	0.027				0.182		
5/2/2022					0.095			
5/4/2022								0.075
10/12/2022								0.061
10/13/2022	0.03			0.036				
10/17/2022		0.038				0.165		
10/18/2022					0.085			
4/10/2023					0.096			
4/11/2023						0.151		
4/12/2023	0.03	0.036						
4/13/2023							0.111	0.055
4/18/2023			0.035	0.028				
10/17/2023				0.03		0.172		
10/18/2023	0.035	0.045						
10/24/2023								0.076
4/9/2024			0.03	0.028				
4/11/2024							0.137	
4/17/2024					0.096	0.147		
4/22/2024	0.036							0.079
4/23/2024		0.046						
10/2/2024				0.029				
10/3/2024						0.157		
10/9/2024								0.089
10/10/2024	0.031	0.056						
4/10/2025			0.03	0.033		0.126	0.118	
4/15/2025	0.036							0.093
4/16/2025		0.056						
4/22/2025					0.1			
Mean	0.03063	0.0415	0.03053	0.06063	0.09656	0.1586	0.1921	0.07663
Std. Dev.	0.005069	0.01126	0.003352	0.08627	0.007355	0.01746	0.07153	0.01316
Upper Lim.	0.036	0.05344	0.03408	0.274	0.1044	0.1771	0.2679	0.09057
Lower Lim.	0.02525	0.02956	0.02697	0.027	0.08877	0.1401	0.1163	0.06268

Confidence Interval

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21
9/28/2021				0.061		0.063		
9/29/2021	0.172				0.115			
10/4/2021		0.059	0.158				0.12	0.08
4/26/2022	0.089	0.061	0.13		0.228	0.066		
5/3/2022				0.058				0.109
5/4/2022							0.13	
10/11/2022							0.085	
10/12/2022	0.179	0.048	0.156	0.158	0.14			
10/13/2022								0.11
10/18/2022						0.072		
4/11/2023							0.122	0.09
4/12/2023		0.048	0.092	0.054	0.186			
4/13/2023	0.069					0.052		
10/17/2023		0.045	0.175			0.074		
10/18/2023	0.152							
10/19/2023					0.141			
10/24/2023							0.102	0.095
10/26/2023				0.075				
4/9/2024							0.118	0.079
4/11/2024		0.045	0.074		0.187			
4/17/2024						0.056		
4/22/2024	0.081							
4/24/2024				0.058				
10/3/2024	0.125	0.048	0.113		0.121	0.056		
10/15/2024				0.08				
10/16/2024							0.121	0.091
4/10/2025						0.043		
4/11/2025	0.136	0.055	0.092		0.197			
4/15/2025							0.123	
4/17/2025				0.062				0.094
Mean	0.1254	0.05113	0.1238	0.07575	0.1644	0.06025	0.1151	0.0935
Std. Dev.	0.04199	0.006312	0.03681	0.03442	0.04062	0.01048	0.01453	0.0115
Upper Lim.	0.1699	0.0577	0.1628	0.158	0.2074	0.07136	0.1285	0.1057
Lower Lim.	0.08087	0.04472	0.08473	0.054	0.1213	0.04914	0.1017	0.08131

Confidence Interval

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5
4/9/2019								0.36
9/24/2019							0.0444	
3/23/2020								0.216
3/26/2020							0.0351	
9/23/2020							0.039	
4/19/2021								0.215
4/21/2021							0.025	
9/28/2021			0.056				0.036	0.444
9/29/2021						0.112		
9/30/2021	0.143							
10/1/2021		0.057						
10/5/2021				0.046	0.149			
4/26/2022								0.309
5/2/2022	0.15							
5/3/2022			0.14			0.097	0.034	
5/4/2022		0.071		0.044	0.131			
10/11/2022						0.115	0.027	
10/13/2022	0.139			0.054				
10/18/2022		0.041	0.162		0.116			
4/10/2023						0.092	0.05	
4/12/2023	0.139							
4/13/2023			0.121	0.036				
4/18/2023		0.042			0.096			0.172
10/23/2023						0.089		
10/24/2023	0.137							
10/25/2023		0.034						
10/26/2023			0.128	0.049	0.115			
4/9/2024	0.123							
4/11/2024								0.15
4/23/2024			0.149	0.038	0.104	0.106		
4/24/2024		0.04						
10/9/2024	0.135					0.112		
10/16/2024		0.03	0.152	0.048	0.101			
4/10/2025								0.147
4/15/2025	0.15					0.078		
4/21/2025		0.035	0.164	0.044	0.107			
Mean	0.1395	0.04375	0.134	0.04488	0.1149	0.1001	0.03631	0.2516
Std. Dev.	0.008718	0.01365	0.03497	0.005842	0.01755	0.01324	0.008294	0.1084
Upper Lim.	0.1487	0.05821	0.165	0.05107	0.1335	0.1142	0.0451	0.3665
Lower Lim.	0.1303	0.02929	0.104	0.03868	0.09628	0.08609	0.02752	0.1367

Confidence Interval

Constituent: Barium, Total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-5A	MW-6	MW-7	MW-8	MW-9
9/28/2021	0.099				
9/29/2021			0.08		
9/30/2021		0.054		0.089	0.063
4/25/2022					0.066
4/26/2022	0.096				
4/27/2022		0.041		0.125	
5/3/2022			0.087		
10/11/2022					0.055
10/12/2022	0.085				
10/17/2022		0.099	0.074	0.109	
4/11/2023					0.049
4/12/2023		0.045	0.084	0.072	
4/18/2023	0.078				
10/17/2023		0.092			
10/18/2023			0.085		
10/19/2023					0.136
10/23/2023				0.098	
10/24/2023	0.09				
4/9/2024		0.038			
4/17/2024					0.059
4/22/2024			0.119	0.077	
4/23/2024	0.084				
10/2/2024		0.106			0.052
10/9/2024			0.085		
10/15/2024	0.081			0.094	
4/10/2025					0.071
4/15/2025		0.045	0.113	0.076	
4/17/2025	0.077				
Mean	0.08625	0.065	0.09088	0.0925	0.06888
Std. Dev.	0.008102	0.02877	0.0161	0.01815	0.02809
Upper Lim.	0.09484	0.106	0.119	0.1117	0.136
Lower Lim.	0.07766	0.038	0.074	0.07326	0.049

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-4
9/24/2019	0.00555
3/26/2020	0.00528
9/23/2020	0.0053
4/21/2021	0.0044
9/28/2021	0.0044
5/3/2022	0.0046
10/11/2022	0.0054
4/10/2023	0.0033
Mean	0.004779
Std. Dev.	0.0007568
Upper Lim.	0.005581
Lower Lim.	0.003977

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-12	MW-14B
4/9/2019		0.00037 (J)	
3/24/2020		<0.001	
4/21/2021		<0.001	
9/29/2021			<0.001
9/30/2021	<0.001		
10/1/2021		<0.001	
4/25/2022		<0.001	
4/26/2022			<0.001
4/27/2022	0.0015		
10/12/2022			<0.001
10/13/2022	<0.001		
4/12/2023	<0.001		
4/13/2023			<0.001
4/18/2023		<0.001	
10/18/2023	<0.001		<0.001
4/9/2024		<0.001	
4/22/2024	<0.001		<0.001
10/3/2024			<0.001
10/10/2024	<0.001		
4/10/2025		<0.001	
4/11/2025			0.0102
4/15/2025	0.001		
Mean	0.001063	0.0009213	0.00215
Std. Dev.	0.0001768	0.0002227	0.003253
Upper Lim.	0.0015	0.001	0.0102
Lower Lim.	0.001	0.00037	0.001

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-12	MW-12A	MW-13	MW-13A	MW-14B	MW-15	MW-17	MW-21
4/9/2019	<0.001							
3/24/2020	<0.001							
3/25/2020			0.00116					
4/19/2021			<0.001					
4/21/2021	0.001							
9/28/2021			<0.001	<0.001			<0.001	
9/29/2021					<0.001			
10/1/2021	0.001	0.001						
10/4/2021						<0.001		0.001
4/25/2022	0.001	<0.001						
4/26/2022					<0.001	<0.001		
4/27/2022				0.001				
5/2/2022			<0.001					
5/3/2022							<0.001	<0.001
10/12/2022					<0.001	<0.001	<0.001	
10/13/2022		0.001						0.001
10/17/2022				<0.001				
10/18/2022			<0.001					
4/10/2023			<0.001					
4/11/2023				<0.001				<0.001
4/12/2023						<0.001	<0.001	
4/13/2023					<0.001			
4/18/2023	0.001	<0.001						
10/17/2023		0.001		<0.001		<0.001		
10/18/2023					<0.001			
10/24/2023								<0.001
10/26/2023							<0.001	
4/9/2024	0.001	<0.001						<0.001
4/11/2024						<0.001		
4/17/2024			<0.001	<0.001				
4/22/2024					<0.001			
4/24/2024							<0.001	
10/2/2024		0.001						
10/3/2024				<0.001	<0.001	<0.001		
10/15/2024							0.001	
10/16/2024								0.001
4/10/2025	0.003	<0.001		<0.001				
4/11/2025					0.002	0.001		
4/17/2025							<0.001	<0.001
4/22/2025			<0.001					
Mean	0.00125	0.001	0.00102	0.001	0.001125	0.001	0.001	0.001
Std. Dev.	0.0007071	2.5E-11	5.657E-05	1.7E-11	0.0003536	1.7E-11	1.7E-11	2.5E-11
Upper Lim.	0.003	0.001	0.00116	0.001	0.002	0.001	0.001	0.001
Lower Lim.	0.001	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-26	MW-3
9/29/2021		<0.001
10/5/2021	0.001	
5/3/2022		<0.001
5/4/2022	0.001	
10/11/2022		<0.001
10/18/2022	<0.001	
4/10/2023		<0.001
4/18/2023	0.001	
10/23/2023		<0.001
10/26/2023	<0.001	
4/23/2024	<0.001	0.003
10/9/2024		<0.001
10/16/2024	<0.001	
4/15/2025		0.002
4/21/2025	0.001	
Mean	0.001	0.001375
Std. Dev.	2.5E-11	0.000744
Upper Lim.	0.001	0.003
Lower Lim.	0.001	0.001

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-12A	MW-13	MW-13A	MW-14	MW-14A	MW-15	MW-16
4/10/2019					0.043			
3/24/2020					0.0522			
3/25/2020			<0.001					
4/19/2021			<0.001					
4/22/2021					0.025			
9/28/2021			<0.001	0.011				
9/29/2021					0.014	0.039		
9/30/2021	0.003							
10/1/2021		<0.001						
10/4/2021							0.001	0.016
4/25/2022		0.013						
4/26/2022					0.014		<0.001	0.011
4/27/2022	0.006			0.011				
5/2/2022			<0.001					
5/4/2022						0.048		
10/12/2022						0.042	0.001	0.016
10/13/2022	0.003	0.001						
10/17/2022				0.012				
10/18/2022			<0.001					
4/10/2023			0.002					
4/11/2023				0.011				
4/12/2023	0.004						<0.001	0.006
4/13/2023					0.059	0.035		
4/18/2023		<0.001						
10/17/2023		<0.001		0.012			<0.001	0.015
10/18/2023	0.002							
10/24/2023						0.047		
4/9/2024		<0.001						
4/11/2024					0.029		<0.001	0.006
4/17/2024			0.002	0.014				
4/22/2024	0.003					0.031		
10/2/2024		<0.001						
10/3/2024				0.014			<0.001	0.01
10/9/2024						0.039		
10/10/2024	0.002							
4/10/2025		<0.001		0.019	0.046			
4/11/2025							0.004	0.01
4/15/2025	<0.001					0.034		
4/22/2025			0.001					
Mean	0.002938	0.0025	0.00125	0.013	0.03528	0.03938	0.001375	0.01125
Std. Dev.	0.001613	0.004243	0.0004629	0.002726	0.01721	0.00607	0.001061	0.004097
Upper Lim.	0.004647	0.013	0.002	0.019	0.05352	0.04581	0.004	0.01559
Lower Lim.	0.001228	0.001	0.001	0.011	0.01703	0.03294	0.001	0.006907

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23	MW-24
9/28/2021	0.015		0.001					<0.001
9/29/2021		<0.001						
9/30/2021						0.003		
10/1/2021							0.011	
10/4/2021				0.006	0.005			
4/26/2022		0.001	0.001					
5/2/2022						0.002		
5/3/2022	0.017				0.004			0.002
5/4/2022				0.005			0.016	
10/11/2022				<0.001				
10/12/2022	0.03	<0.001						
10/13/2022					<0.001	0.001		
10/18/2022			<0.001				<0.001	<0.001
4/11/2023				0.003	0.001			
4/12/2023	0.016	<0.001				<0.001		
4/13/2023			0.001					0.004
4/18/2023							<0.001	
10/17/2023			0.004					
10/19/2023		<0.001						
10/24/2023				<0.001	<0.001	<0.001		
10/25/2023							<0.001	
10/26/2023	0.025							0.001
4/9/2024				0.004	0.002	0.002		
4/11/2024		<0.001						
4/17/2024			<0.001					
4/23/2024								0.002
4/24/2024	0.018						<0.001	
10/3/2024		<0.001	0.001					
10/9/2024						<0.001		
10/15/2024	0.023							
10/16/2024				<0.001	<0.001		0.002	0.001
4/10/2025			<0.001					
4/11/2025		<0.001						
4/15/2025				<0.001		<0.001		
4/17/2025	0.024				<0.001			
4/21/2025							<0.001	<0.001
Mean	0.021	0.001	0.001375	0.00275	0.002	0.0015	0.00425	0.001625
Std. Dev.	0.005292	1.7E-11	0.001061	0.002053	0.001604	0.0007559	0.005874	0.001061
Upper Lim.	0.02661	0.001	0.004	0.006	0.005	0.003	0.016	0.004
Lower Lim.	0.01539	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-25	MW-3	MW-4	MW-5	MW-5A	MW-6	MW-7	MW-8
4/9/2019				0.016				
9/24/2019			0.856					
3/23/2020				0.0154				
3/26/2020			0.819					
9/23/2020			0.868					
4/19/2021				0.017				
4/21/2021			0.892					
9/28/2021			0.816	0.018	0.013			
9/29/2021		0.026					0.001	
9/30/2021						0.002		0.002
10/5/2021	0.003							
4/26/2022				0.023	0.015			
4/27/2022						<0.001		0.001
5/3/2022		0.021	0.87				0.001	
5/4/2022	0.001							
10/11/2022		0.03	0.982					
10/12/2022					0.014			
10/13/2022	0.011							
10/17/2022						0.014	<0.001	<0.001
4/10/2023		0.021	0.58					
4/12/2023						0.001	<0.001	<0.001
4/13/2023	0.001							
4/18/2023				0.013	0.014			
10/17/2023						0.012		
10/18/2023							0.001	
10/23/2023		0.022						<0.001
10/24/2023					0.021			
10/26/2023	0.011							
4/9/2024						<0.001		
4/11/2024				0.01				
4/22/2024							<0.001	0.001
4/23/2024	<0.001	0.021			0.02			
10/2/2024						0.012		
10/9/2024		0.025					0.001	
10/15/2024					0.02			<0.001
10/16/2024	<0.001							
4/10/2025				0.012				
4/15/2025		0.014				<0.001	<0.001	<0.001
4/17/2025					0.024			
4/21/2025	<0.001							
Mean	0.00375	0.0225	0.8354	0.01555	0.01763	0.0055	0.001	0.001125
Std. Dev.	0.004528	0.00469	0.1154	0.004031	0.004104	0.005976	2.5E-11	0.0003536
Upper Lim.	0.011	0.02747	0.9472	0.01982	0.02197	0.014	0.001	0.002
Lower Lim.	0.001	0.01753	0.7223	0.01128	0.01328	0.001	0.001	0.001

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-11	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A
4/17/2020			0.0635				1.02	
5/19/2021			0.938				2.12	
5/21/2021			0.413 (D)		0.371		1.7575 (D)	
5/24/2021					0.5815 (D)			
10/22/2021	0.317	1.66	1.49	0.426	1.64	1.82	1.63	0.527
4/25/2022			0.604 (U)	0.258 (U)			0.559 (U)	
4/27/2022	0.526 (U)	0.313 (U)				0.701 (U)		
5/2/2022					1.15			
5/4/2022								0.577 (U)
11/10/2022		0.889 (U)				0.91 (U)		
11/11/2022	0.474 (U)			1.4 (U)	0.381 (U)			0.898 (U)
5/4/2023	0.983 (U)	1.86			1.24	1.23 (U)	0.331 (U)	1.32
5/11/2023			0.405 (U)	1.42 (U)				
11/10/2023	3.31	1.23 (U)		0.29 (U)		1.8 (U)		
11/21/2023								2.45
5/20/2024	1.46 (U)	1.36 (U)	0.845 (U)	0.385 (U)	1.03 (U)	0.787 (U)	0.838 (U)	1.05 (U)
11/13/2024	0.305 (U)	1.33 (U)		0.625 (U)		1.08		
11/14/2024								0.428 (U)
4/10/2025			0.685 (U)	1.04 (U)		0.549 (U)	0.745 (U)	
4/15/2025	0.609 (U)							1.08 (U)
4/16/2025		0.581 (U)						
4/22/2025					0.744 (U)			
Mean	0.998	1.153	0.6804	0.7305	0.8922	1.11	1.125	1.041
Std. Dev.	1.011	0.5264	0.4281	0.487	0.4499	0.4813	0.6362	0.6481
Upper Lim.	1.808	1.711	1.134	1.235	1.369	1.62	1.799	1.671
Lower Lim.	0.2548	0.595	0.2267	0.2649	0.4153	0.5994	0.4507	0.4539

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-14B	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21
10/27/2021	0.996			0.668	0.85	0.849		
10/28/2021		0.401	0.585				0.89	0.414
4/26/2022	0.841 (U)	0.445 (U)	0.923 (U)		0.676 (U)	0.323 (U)		
5/3/2022				0.678 (U)			0.85 (U)	0.696 (U)
11/10/2022						0.0626 (U)		
11/11/2022	1.84	0.673 (U)	1.1 (U)	0.979 (U)	0.283 (U)		1.5 (U)	0.721 (U)
5/3/2023							0.209 (U)	0.775 (U)
5/4/2023	1.33 (U)	0.691 (U)	0.986 (U)	0.0709 (U)	0.809 (U)	0.597 (U)		
11/10/2023	2.63 (U)	0.828 (U)	1.02 (U)		0.708 (U)	0.209 (U)		
11/21/2023				1.69 (U)			1.24 (U)	0.793 (U)
5/20/2024	0.47 (U)	0.568 (U)	0.127 (U)	0.548 (U)	0.467 (U)	0.437 (U)	0.829 (U)	0.718 (U)
11/13/2024	0.842 (U)	0.289 (U)	0.745 (U)		0.543 (U)	0.537 (U)		
11/14/2024				0.784 (U)			0.485 (U)	0.252 (U)
4/10/2025						0.0823 (U)		
4/11/2025	1.18 (U)	2.03	1.76		0.695 (U)			
4/15/2025							0.806 (U)	
4/17/2025				1.37				0.418 (U)
Mean	1.266	0.7406	0.9058	0.8485	0.6289	0.3871	0.8511	0.5984
Std. Dev.	0.6833	0.5495	0.4664	0.5011	0.188	0.2716	0.4005	0.2051
Upper Lim.	1.99	1.205	1.4	1.38	0.8281	0.675	1.276	0.7827
Lower Lim.	0.5419	0.3072	0.4114	0.3173	0.4296	0.09922	0.4266	0.4161

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-22	MW-23	MW-24	MW-25	MW-26	MW-3	MW-4	MW-5
4/16/2020								0.756
4/17/2020							0.901	
10/19/2020							0.784 (U)	
5/19/2021							0.652	
5/21/2021							0.447 (D)	1.17
5/24/2021								0.585 (D)
10/22/2021	1.01	1.64				0.414	1.03	1.46
10/27/2021			0.886					
10/28/2021				0.782	0.743			
4/26/2022								1.13 (U)
5/3/2022	0.463 (U)	1.12	1.28 (U)	0.608 (U)	0.406 (U)	1.03	1.04	
11/10/2022			1.34 (U)		0.716 (U)			
11/11/2022	1.03 (U)	0.803 (U)		0.6 (U)		0.325 (U)	1.35 (U)	
5/3/2023	1.01 (U)		0.763 (U)	1.51 (U)				
5/4/2023						0.678 (U)	1.54 (U)	
5/11/2023		1.27 (U)			0.843			1.48
11/21/2023	0.229 (U)	0.946 (U)	1.19 (U)	1.21 (U)	0.418 (U)	0.229 (U)		
5/20/2024	1.31 (U)	0.777 (U)	0.921 (U)	0.932 (U)	1.02 (U)	1.6		1.03 (U)
11/13/2024						0.834 (U)		
11/14/2024	0.768 (U)	0.52 (U)	0.691 (U)	0.261 (U)	0.262 (U)			
4/10/2025								0.64 (U)
4/15/2025	0.196 (U)					0.182 (U)		
4/21/2025		1.51 (U)	1.04 (U)	1.31 (U)	1.03 (U)			
Mean	0.752	1.073	1.014	0.9016	0.6798	0.6615	0.968	1.031
Std. Dev.	0.412	0.3847	0.2394	0.42	0.2899	0.4837	0.3569	0.3469
Upper Lim.	1.189	1.481	1.268	1.347	0.987	1.174	1.346	1.399
Lower Lim.	0.3153	0.6655	0.7602	0.4564	0.3725	0.1488	0.5897	0.6637

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-5A	MW-6	MW-7	MW-8	MW-9
10/22/2021	11.3	0.584	10.9	0.92	2.3
4/26/2022	0.441 (U)				
4/27/2022		0.441 (U)		0.528 (U)	1.34 (U)
5/3/2022			1.14		
11/10/2022		0.671 (U)	0.701 (U)		
11/11/2022	0.844 (U)				1.38 (U)
11/15/2022				0.338 (U)	
5/4/2023		0.707 (U)	1.31 (U)	0.31 (U)	1.36 (U)
5/11/2023	1.3				
11/10/2023		0.966 (U)	0.533 (U)		3.45
11/21/2023	1.01 (U)			0.807 (U)	
5/20/2024	0.302 (U)	0.448 (U)	1.03 (U)	0.688 (U)	0.928 (U)
11/13/2024		0.775 (U)	0.727 (U)		2.1
11/14/2024	0.61 (U)			0.535 (U)	
4/10/2025					1.23 (U)
4/15/2025		0.549 (U)	1.17 (U)	0.604 (U)	
4/17/2025	0.212 (U)				
Mean	2.002	0.6426	2.189	0.5913	1.761
Std. Dev.	3.775	0.1764	3.53	0.212	0.8209
Upper Lim.	3.012	0.8296	10.9	0.8159	2.577
Lower Lim.	0.2263	0.4557	0.533	0.3666	0.9865

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-11	MW-12	MW-13	MW-14	MW-14A	MW-16	MW-17
4/9/2019			0.05 (J)					
4/10/2019					0.19			
3/24/2020			<0.125		0.194			
3/25/2020				0.152				
4/19/2021				<1.25				
4/21/2021			<0.125					
4/22/2021					<0.125			
9/28/2021				0.203				1.96
9/29/2021					0.178	0.136		
9/30/2021	<0.125							
10/1/2021		2.24	<0.125					
10/4/2021							<0.125	
4/25/2022			<0.125					
4/26/2022					0.186		<0.125	
4/27/2022	0.282	2.01						
5/2/2022				<1.25				
5/3/2022								1.69
5/4/2022						<0.125		
10/12/2022						<0.125	<0.125	0.472
10/13/2022	<0.125							
10/17/2022		2.03						
10/18/2022				<1.25				
4/10/2023				0.13				
4/12/2023	<0.125	1.74					<0.125	1.43
4/13/2023					<0.125	<0.125		
4/18/2023			<0.125					
10/17/2023							<0.125	
10/18/2023	<0.125	1.93						
10/24/2023						0.137		
10/26/2023								0.94
4/9/2024			0.151					
4/11/2024					0.156		0.128	
4/17/2024				<1.25				
4/22/2024	<0.125					0.253		
4/23/2024		1.74						
4/24/2024								1.72
10/3/2024							<0.125	
10/9/2024						<0.125		
10/10/2024	<0.125	1.58						
10/15/2024								0.871
4/10/2025			<0.125		<0.125			
4/11/2025							0.128	
4/15/2025	<0.125					<0.125		
4/16/2025		1.72						
4/17/2025								1.78
4/22/2025				<1.25				
Mean	0.1446	1.874	0.1189	0.8419	0.1599	0.1439	0.1258	1.358
Std. Dev.	0.05551	0.2158	0.02928	0.5636	0.03105	0.0444	0.001389	0.5324
Upper Lim.	0.282	2.102	0.151	1.25	0.1891	0.253	0.128	1.922
Lower Lim.	0.125	1.645	0.05	0.13	0.1284	0.125	0.125	0.7936

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-18	MW-20	MW-21	MW-22	MW-23	MW-24	MW-25	MW-26
9/28/2021						1.31		
9/29/2021	0.143							
9/30/2021				<0.125				
10/1/2021					2.29			
10/4/2021		<0.125	<0.125					
10/5/2021							0.759	<0.125
4/26/2022	0.146							
5/2/2022				<0.125				
5/3/2022			<0.125			0.884		
5/4/2022		<0.125			2.21		0.337	<0.125
10/11/2022		0.182						
10/12/2022	<0.125							
10/13/2022			<0.125	<0.125			0.563	
10/18/2022					2.48	0.321		0.142
4/11/2023		<0.125	<0.125					
4/12/2023	<0.125			<0.125				
4/13/2023						1.11	0.719	
4/18/2023					2.02			0.144
10/19/2023	<0.125							
10/24/2023		0.163	0.129	<0.125				
10/25/2023					0.367			
10/26/2023						1.55	0.365	0.161
4/9/2024		<0.125	0.141	0.223				
4/11/2024	<0.125							
4/23/2024						1.5	0.997	0.178
4/24/2024					2.11			
10/3/2024	<0.125							
10/9/2024				<0.125				
10/16/2024		0.203	<0.125		1.64	1.43	0.45	0.225
4/11/2025	<0.125							
4/15/2025		<0.125		<0.125				
4/17/2025			0.208					
4/21/2025					1.88	1.46	0.828	0.276
Mean	0.1299	0.1466	0.1379	0.1373	1.875	1.196	0.6273	0.172
Std. Dev.	0.009062	0.0317	0.02887	0.03465	0.6607	0.4184	0.2364	0.0533
Upper Lim.	0.146	0.203	0.208	0.223	2.42	1.563	0.8779	0.2248
Lower Lim.	0.125	0.125	0.125	0.125	1.391	0.8503	0.3766	0.1192

Confidence Interval

Constituent: Fluoride, total (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-3	MW-4	MW-5	MW-5A	MW-6	MW-7	MW-8	MW-9
4/9/2019			0.18					
9/24/2019		1.03						
3/23/2020			0.336					
3/26/2020		0.288						
9/23/2020		0.43						
4/19/2021			<0.125					
4/21/2021		0.549						
9/28/2021		0.665	0.193	1.86				
9/29/2021	<0.125					2.23		
9/30/2021					<0.125		0.267	<0.125
4/25/2022								<0.125
4/26/2022			<0.125	1.45				
4/27/2022					<0.125		0.291	
5/3/2022	<0.125	0.43				2.11		
10/11/2022	<0.125	0.738						0.139
10/12/2022				1.57				
10/17/2022					<0.125	2.58	<0.125	
4/10/2023	<0.125	0.4						
4/11/2023								0.14
4/12/2023					<0.125	1.98	0.225	
4/18/2023			<0.125	1.27				
10/17/2023					<0.125			
10/18/2023						2.46		
10/19/2023								<0.125
10/23/2023	0.157						0.206	
10/24/2023				1.3				
4/9/2024					0.158			
4/11/2024			0.151					
4/17/2024								0.226
4/22/2024						2.16	0.282	
4/23/2024	<0.125			1.55				
10/2/2024					0.2			<0.125
10/9/2024	<0.125					2.12		
10/15/2024				1.28			<0.125	
4/10/2025			<0.125					0.178
4/15/2025	<0.125				<0.125	1.51	0.242	
4/17/2025				1.45				
Mean	0.129	0.5663	0.17	1.466	0.1385	2.144	0.2048	0.1479
Std. Dev.	0.01131	0.2381	0.07235	0.1979	0.0274	0.3225	0.09223	0.03634
Upper Lim.	0.157	0.8186	0.336	1.676	0.2	2.486	0.2806	0.226
Lower Lim.	0.125	0.3139	0.125	1.256	0.125	1.802	0.1608	0.125

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-4
9/24/2019	<0.001
3/26/2020	0.00178
9/23/2020	0.0018
4/21/2021	0.0019
9/28/2021	<0.001
5/3/2022	0.0016
10/11/2022	0.0011
4/10/2023	0.0013
Mean	0.00131
Std. Dev.	0.0005669
Upper Lim.	0.001811
Lower Lim.	0.001059

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:00 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-11	MW-12	MW-12A	MW-13A	MW-14	MW-14A	MW-14B
4/18/2019			0.0074			0.0015 (J)		
4/3/2020			0.00916			<0.004		
4/17/2020			0.00916					
4/20/2020						<0.004		
9/28/2021					0.0062			
9/29/2021						<0.004	0.00884	0.194
9/30/2021	0.0113							
10/1/2021		0.0521	<0.004	0.00683				
4/25/2022			0.00549	0.00621				
4/26/2022						<0.004		0.0939
4/27/2022	0.0161	0.0419			0.00624			
5/4/2022							0.00693	
11/8/2022	0.0141	0.0516		0.00618	0.00762		0.00679	0.177
4/28/2023	0.016	0.043	<0.004	<0.004	0.00949	<0.004	0.0118	0.0834
10/17/2023				0.00537	0.00791			
10/18/2023	0.0156	0.0567						0.141
10/24/2023							0.00709	
4/9/2024			<0.004	<0.004				
4/11/2024						<0.004		
4/17/2024					0.00822			
4/22/2024	0.0147						0.00685	0.0772
4/23/2024		0.0428						
10/24/2024	0.0136	0.0514		0.00505	0.0089		0.00701	0.0714
4/10/2025			<0.004	<0.004	0.0101	<0.004		
4/11/2025								0.064
4/15/2025	0.0129						0.00918	
4/16/2025		0.0435						
Mean	0.01429	0.04788	0.005901	0.005205	0.008085	0.003688	0.008061	0.1127
Std. Dev.	0.001668	0.005687	0.002333	0.001134	0.00141	0.0008839	0.001783	0.05084
Upper Lim.	0.01606	0.0567	0.00916	0.00633	0.00958	0.004	0.0118	0.165
Lower Lim.	0.01252	0.0419	0.004	0.00408	0.00659	0.0015	0.00679	0.06317

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-16	MW-17	MW-19	MW-23	MW-24	MW-25	MW-4	MW-5
4/9/2019								<0.005
4/18/2019								<0.005
10/17/2019							0.0071	
4/3/2020							0.00597	
4/17/2020							0.00597	<0.005
10/15/2020							0.0068	
9/28/2021		0.103	0.00914		0.114		0.00517	<0.005
10/1/2021				0.173				
10/4/2021	0.0519							
10/5/2021						0.12		
4/26/2022	0.0405		0.00874					<0.005
5/3/2022		0.0877			0.136		0.0054	
5/4/2022				0.145		0.12		
11/8/2022	0.0334	0.047	0.00994	0.136	0.105	0.149	0.00649	
4/28/2023	0.0344	0.0992	0.0134	0.165	0.0744	0.127	<0.008	<0.005
10/17/2023	0.0337		0.00904					
10/25/2023				0.128				
10/26/2023		0.0652			0.0709	0.139		
4/11/2024	0.0319							<0.005
4/17/2024			0.0127					
4/23/2024					0.115	0.141		
4/24/2024		0.101		0.171				
10/24/2024	0.0309		0.0103					
10/25/2024		0.0659		0.124	0.0675	0.142		
4/10/2025			0.0102					0.00585
4/11/2025	0.0369							
4/17/2025		0.085						
4/21/2025				0.132	0.0942	0.135		
Mean	0.0367	0.08175	0.01043	0.1468	0.09713	0.1341	0.005863	0.005106
Std. Dev.	0.006839	0.02037	0.001721	0.02006	0.02469	0.01072	0.0009993	0.0003005
Upper Lim.	0.0519	0.1033	0.01222	0.168	0.1233	0.1455	0.006922	0.00585
Lower Lim.	0.0309	0.06016	0.008678	0.1255	0.07095	0.1228	0.004803	0.005

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-5A	MW-6	MW-7
9/28/2021	0.0663		
9/29/2021			0.0891
9/30/2021		<0.004	
4/26/2022	0.0561		
4/27/2022		<0.004	
5/3/2022			0.0752
11/8/2022	0.0569	0.00603	0.0863
4/28/2023	0.053	<0.004	0.0784
10/17/2023		0.00564	
10/18/2023			0.0873
10/24/2023	0.0506		
4/9/2024		<0.004	
4/22/2024			0.0822
4/23/2024	0.0604		
10/24/2024		0.00494	0.072
10/25/2024	0.057		
4/15/2025		<0.004	0.0569
4/17/2025	0.0572		
Mean	0.05719	0.004576	0.07843
Std. Dev.	0.004715	0.0008483	0.01058
Upper Lim.	0.06218	0.00603	0.08964
Lower Lim.	0.05219	0.004	0.06721

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-11	MW-12A	MW-14	MW-14B	MW-16	MW-17	MW-21	MW-23
4/10/2019			<0.001					
3/24/2020			<0.001					
4/22/2021			<0.001					
9/28/2021						0.145		
9/29/2021			0.001	0.042				
10/1/2021	0.115	<0.001						0.102
10/4/2021					0.001		<0.001	
4/25/2022		0.001						
4/26/2022			0.001	0.023	0.001			
4/27/2022	0.098							
5/3/2022						0.112	<0.001	
5/4/2022								0.084
10/12/2022				0.047	<0.001	0.015		
10/13/2022		<0.001					<0.001	
10/17/2022	0.097							
10/18/2022								0.132
4/11/2023							<0.001	
4/12/2023	0.092				<0.001	0.089		
4/13/2023			<0.001	0.023				
4/18/2023		<0.001						0.123
10/17/2023		<0.001			<0.001			
10/18/2023	0.092			0.045				
10/24/2023							0.001	
10/25/2023								0.147
10/26/2023						0.044		
4/9/2024		<0.001					<0.001	
4/11/2024			<0.001		<0.001			
4/22/2024				0.023				
4/23/2024	0.069							
4/24/2024						0.069		0.167
10/2/2024		<0.001						
10/3/2024				0.021	<0.001			
10/10/2024	0.075							
10/15/2024						0.05		
10/16/2024							0.001	0.157
4/10/2025		<0.001	<0.001					
4/11/2025				0.016	<0.001			
4/16/2025	0.058							
4/17/2025						0.051	<0.001	
4/21/2025								0.119
Mean	0.087	0.001	0.001	0.03	0.001	0.07188	0.001	0.1289
Std. Dev.	0.01838	1.7E-11	2.2E-11	0.01243	2.2E-11	0.04172	2.2E-11	0.02791
Upper Lim.	0.1065	0.001	0.001	0.04297	0.001	0.1161	0.001	0.1585
Lower Lim.	0.06752	0.001	0.001	0.01807	0.001	0.02765	0.001	0.0993

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-24	MW-25	MW-26	MW-3	MW-5	MW-5A	MW-6	MW-7
4/9/2019					<0.001			
3/23/2020					<0.001			
4/19/2021					<0.001			
9/28/2021	0.004				<0.001	0.149		
9/29/2021				<0.001				0.021
9/30/2021							<0.001	
10/5/2021		0.047	0.006					
4/26/2022					0.001	0.09		
4/27/2022							<0.001	
5/3/2022	0.011			<0.001				0.018
5/4/2022		0.074	0.006					
10/11/2022				<0.001				
10/12/2022						0.136		
10/13/2022		0.076						
10/17/2022							0.002	0.022
10/18/2022	<0.05		0.005					
4/10/2023				<0.001				
4/12/2023							<0.001	0.012
4/13/2023	0.008	0.093						
4/18/2023			0.006		0.001	0.085		
10/17/2023							0.002	
10/18/2023								0.019
10/23/2023				<0.001				
10/24/2023						0.064		
10/26/2023	0.014	0.081	0.004					
4/9/2024							<0.001	
4/11/2024					<0.001			
4/22/2024								0.012
4/23/2024	0.008	0.08	0.005	<0.001		0.069		
10/2/2024							0.003	
10/9/2024				<0.001				0.014
10/15/2024						0.07		
10/16/2024	0.011	0.1	0.003					
4/10/2025					<0.001			
4/15/2025				0.002			<0.001	0.008
4/17/2025						0.06		
4/21/2025	0.007	0.078	0.008					
Mean	0.011	0.07863	0.005375	0.001125	0.001	0.09038	0.0015	0.01575
Std. Dev.	0.006414	0.01558	0.001506	0.0003536	2.2E-11	0.03389	0.0007559	0.004979
Upper Lim.	0.01727	0.09514	0.006971	0.002	0.001	0.1241	0.003	0.02103
Lower Lim.	0.005122	0.06211	0.003779	0.001	0.001	0.05826	0.001	0.01047

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-8
9/30/2021	0.001
4/27/2022	0.001
10/17/2022	<0.001
4/12/2023	<0.001
10/23/2023	<0.001
4/22/2024	0.001
10/15/2024	<0.001
4/15/2025	<0.001
Mean	0.001
Std. Dev.	2.5E-11
Upper Lim.	0.001
Lower Lim.	0.001

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-10	MW-12	MW-12A	MW-13	MW-13A	MW-14	MW-14A	MW-14B
4/9/2019		<0.001						
4/10/2019						<0.001		
3/24/2020		<0.001				<0.001		
3/25/2020				0.00145				
4/19/2021				0.003				
4/21/2021		<0.001						
4/22/2021						<0.001		
9/28/2021				0.002	<0.001			
9/29/2021						0.001	<0.001	<0.001
9/30/2021	0.003							
10/1/2021		0.001	<0.001					
4/25/2022		0.002	0.001					
4/26/2022						0.001		<0.001
4/27/2022	0.003				<0.001			
5/2/2022				0.001				
5/4/2022							<0.001	
10/12/2022							<0.001	<0.001
10/13/2022	0.001		0.002					
10/17/2022					<0.001			
10/18/2022				<0.001				
4/10/2023				<0.001				
4/11/2023					<0.001			
4/12/2023	0.001							
4/13/2023						<0.001	<0.001	<0.001
4/18/2023		0.008	0.001					
10/17/2023			0.005		<0.001			
10/18/2023	0.001							<0.001
10/24/2023							<0.001	
4/9/2024		0.005	<0.001					
4/11/2024						<0.001		
4/17/2024				0.001	<0.001			
4/22/2024	0.003						<0.001	<0.001
10/2/2024			0.007					
10/3/2024					0.001			0.002
10/9/2024							0.002	
10/10/2024	0.002							
4/10/2025		0.002	0.001		<0.001	<0.001		
4/11/2025								<0.001
4/15/2025	0.005						<0.001	
4/22/2025				<0.001				
Mean	0.002375	0.002625	0.002375	0.001431	0.001	0.001	0.001125	0.001125
Std. Dev.	0.001408	0.00256	0.002326	0.0007285	1.7E-11	2.2E-11	0.0003536	0.0003536
Upper Lim.	0.003867	0.008	0.007	0.003	0.001	0.001	0.002	0.002
Lower Lim.	0.0008827	0.001	0.001	0.001	0.001	0.001	0.001	0.001

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-16	MW-17	MW-19	MW-26	MW-4	MW-5	MW-6	MW-7
4/9/2019						0.0033		
9/24/2019					<0.001			
3/23/2020						0.00188		
3/26/2020					<0.001			
9/23/2020					0.003			
4/19/2021						0.002		
4/21/2021					<0.001			
9/28/2021		<0.001	<0.001		<0.001	0.003		
9/29/2021								<0.001
9/30/2021							<0.001	
10/4/2021	<0.001							
10/5/2021				0.017				
4/26/2022	<0.001		<0.001			0.003		
4/27/2022							<0.001	
5/3/2022		<0.001			<0.001			<0.001
5/4/2022				0.02				
10/11/2022					0.001			
10/12/2022	<0.001	<0.001						
10/17/2022							<0.001	<0.001
10/18/2022			<0.001	0.004				
4/10/2023					0.005			
4/12/2023	<0.001	<0.001					<0.001	<0.001
4/13/2023			<0.001					
4/18/2023				0.014		0.003		
10/17/2023	<0.001		<0.001				<0.001	
10/18/2023								<0.001
10/26/2023		<0.001		0.004				
4/9/2024							0.005	
4/11/2024	<0.001					0.002		
4/17/2024			<0.001					
4/22/2024								<0.001
4/23/2024				0.014				
4/24/2024		<0.001						
10/2/2024							0.001	
10/3/2024	0.001		0.001					
10/9/2024								<0.001
10/15/2024		0.001						
10/16/2024				0.005				
4/10/2025			<0.001			0.002		
4/11/2025	<0.001							
4/15/2025							0.011	0.012
4/17/2025		<0.001						
4/21/2025				0.012				
Mean	0.001	0.001	0.001	0.01125	0.00175	0.002523	0.00275	0.002375
Std. Dev.	1.7E-11	1.7E-11	1.7E-11	0.006205	0.001488	0.0006	0.003615	0.003889
Upper Lim.	0.001	0.001	0.001	0.01783	0.005	0.0033	0.011	0.012
Lower Lim.	0.001	0.001	0.001	0.004673	0.001	0.00188	0.001	0.001

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 6/17/2025 9:01 AM View: Appendix IV - Confidence Intervals (100% NDs)

Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

	MW-9
9/30/2021	<0.001
4/25/2022	<0.001
10/11/2022	<0.001
4/11/2023	<0.001
10/19/2023	<0.001
4/17/2024	<0.001
10/2/2024	0.002
4/10/2025	0.001
Mean	0.001125
Std. Dev.	0.0003536
Upper Lim.	0.002
Lower Lim.	0.001

FIGURE I.

Appendix IV - Trend Tests - Significant Results

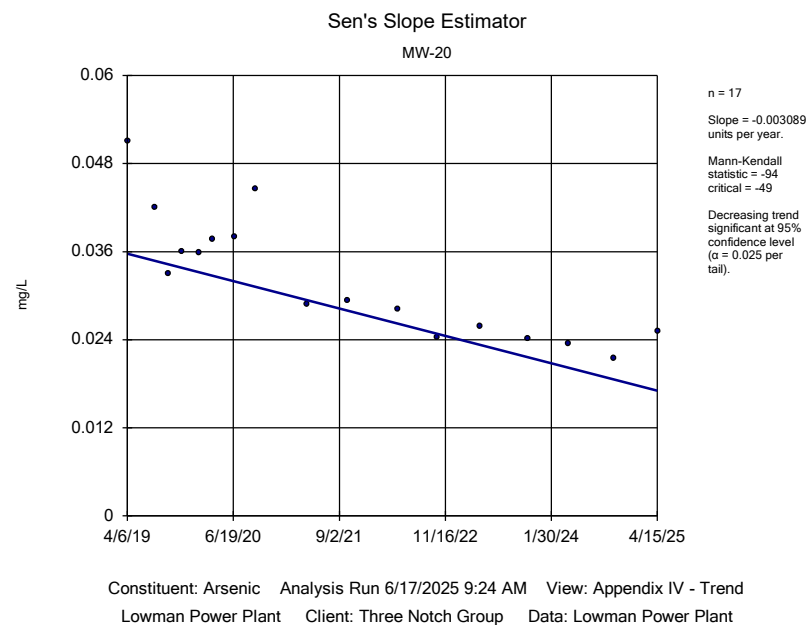
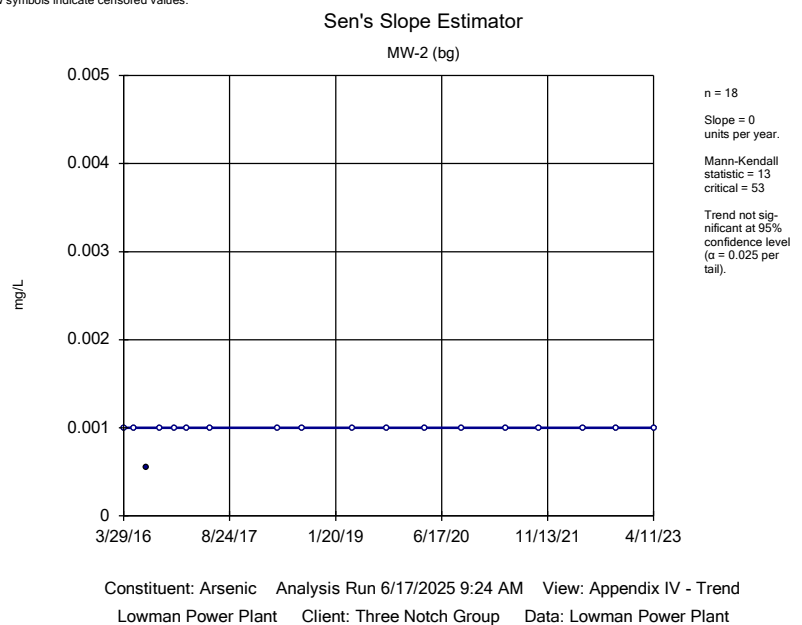
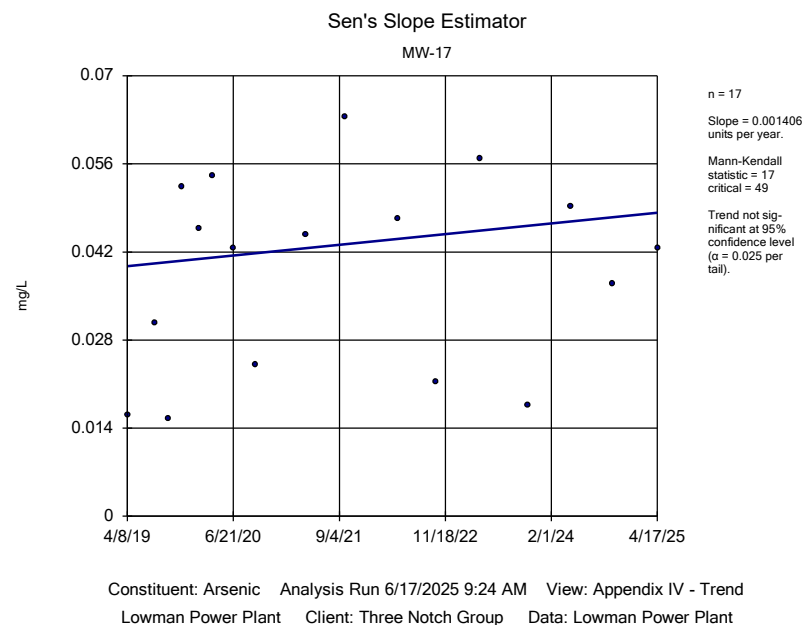
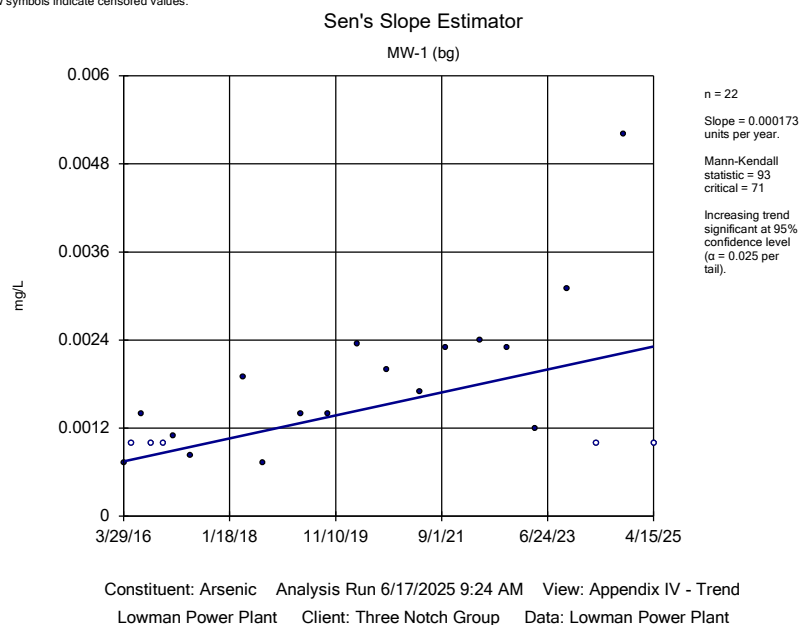
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:25 AM

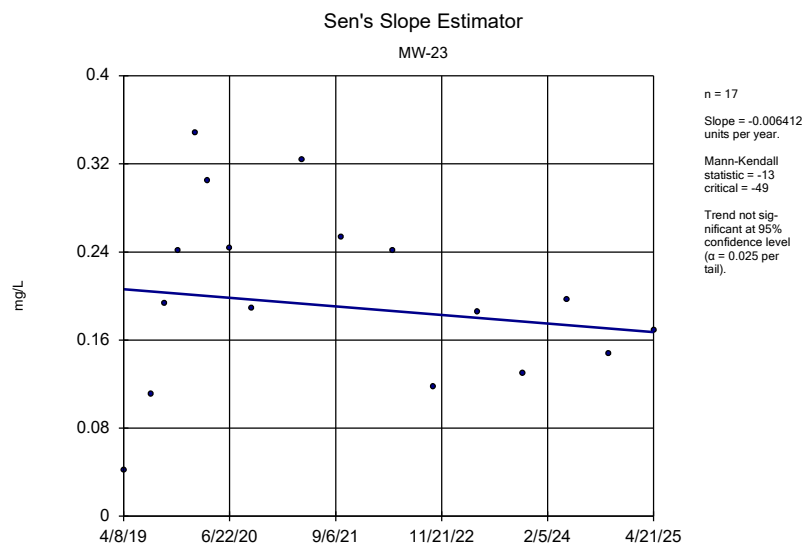
<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-1 (bg)	0.000173	93	71	Yes	22	22.73	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-20	-0.003089	-94	-49	Yes	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14A	-0.008554	-108	-62	Yes	20	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-2 (bg)	-0.0002491	-78	-53	Yes	18	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-3	-0.001438	-52	-49	Yes	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-4	-0.0272	-83	-53	Yes	18	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-11	-0.002786	-129	-81	Yes	24	4.167	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-14B	-0.02091	-22	-17	Yes	8	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-17	-0.01241	-116	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-23	-0.0108	-86	-58	Yes	19	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-24	-0.01909	-29	-23	Yes	10	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-5A	-0.011	-144	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-7	-0.0137	-167	-81	Yes	24	0	n/a	n/a	0.05	NP

Appendix IV - Trend Tests - All Results

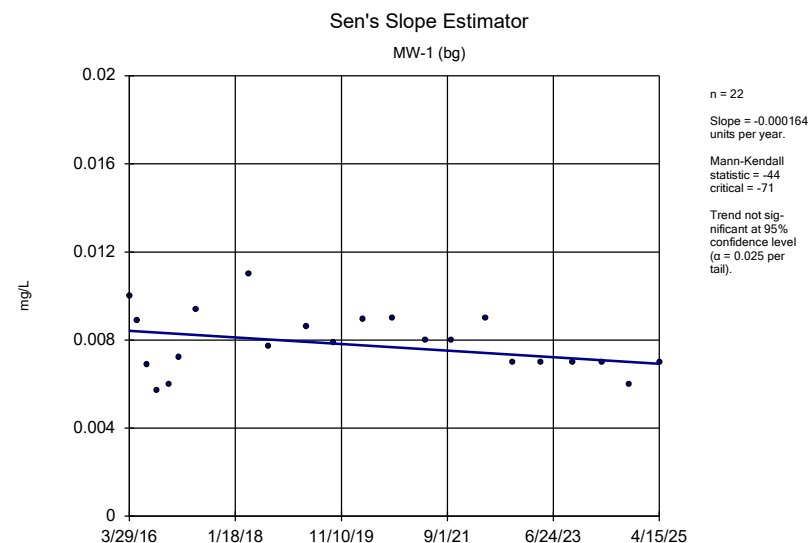
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant Printed 6/17/2025, 9:25 AM

<u>Constituent</u>	<u>Well</u>	<u>Slope</u>	<u>Calc.</u>	<u>Critical</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Normality</u>	<u>Xform</u>	<u>Alpha</u>	<u>Method</u>
Arsenic (mg/L)	MW-1 (bg)	0.000173	93	71	Yes	22	22.73	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-17	0.001406	17	49	No	17	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-2 (bg)	0	13	53	No	18	94.44	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-20	-0.003089	-94	-49	Yes	17	0	n/a	n/a	0.05	NP
Arsenic (mg/L)	MW-23	-0.006412	-13	-49	No	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-1 (bg)	-0.000164	-44	-71	No	22	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14	-0.006122	-13	-30	No	12	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-14A	-0.008554	-108	-62	Yes	20	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-17	-0.0009271	-22	-49	No	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-2 (bg)	-0.0002491	-78	-53	Yes	18	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-3	-0.001438	-52	-49	Yes	17	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-4	-0.0272	-83	-53	Yes	18	0	n/a	n/a	0.05	NP
Cobalt (mg/L)	MW-5A	0.0004195	21	62	No	20	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-1 (bg)	0	14	71	No	22	86.36	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-11	-0.002786	-129	-81	Yes	24	4.167	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-14B	-0.02091	-22	-17	Yes	8	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-17	-0.01241	-116	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-2 (bg)	0	15	58	No	19	73.68	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-23	-0.0108	-86	-58	Yes	19	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-24	-0.01909	-29	-23	Yes	10	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-25	-0.00186	-4	-23	No	10	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-5A	-0.011	-144	-66	Yes	21	0	n/a	n/a	0.05	NP
Lithium (mg/L)	MW-7	-0.0137	-167	-81	Yes	24	0	n/a	n/a	0.05	NP

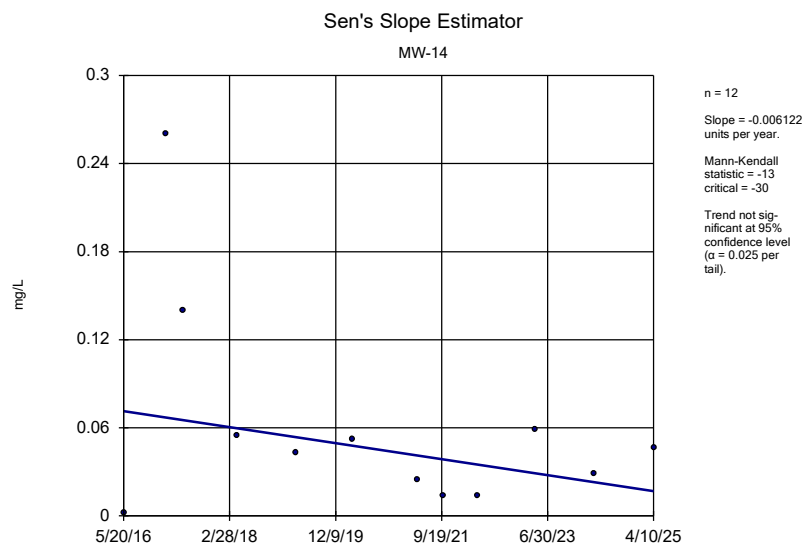




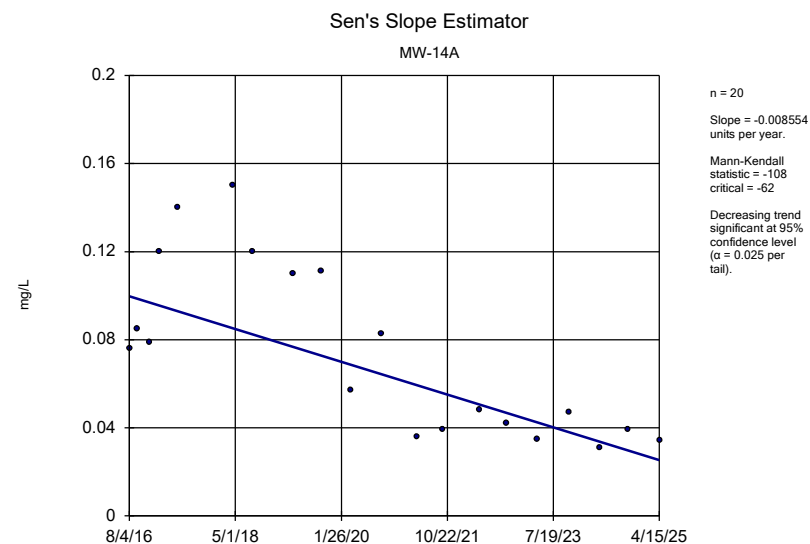
Constituent: Arsenic Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



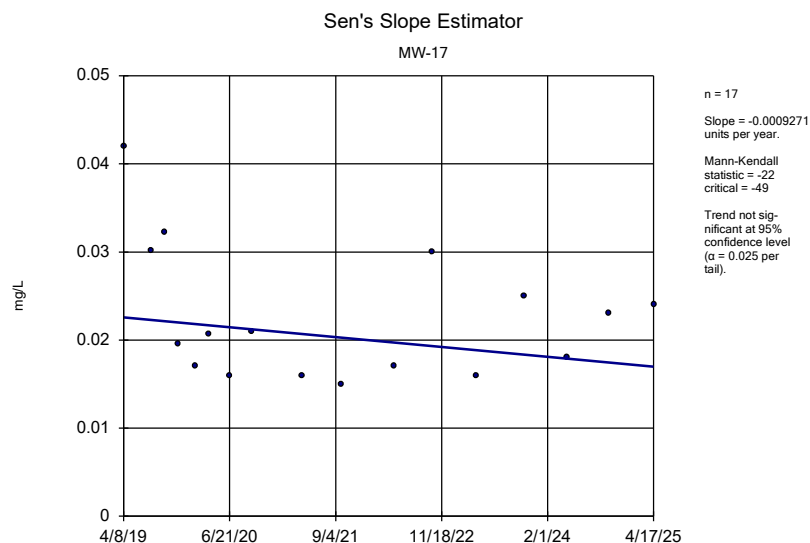
Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



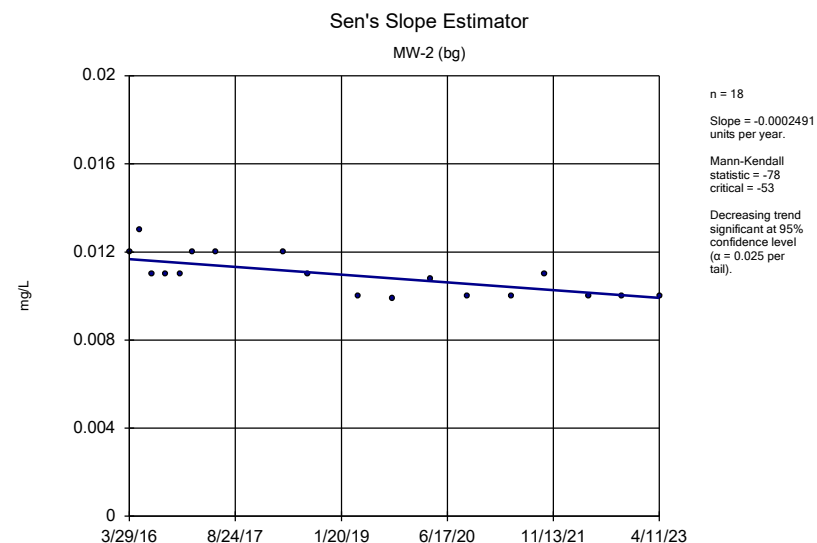
Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



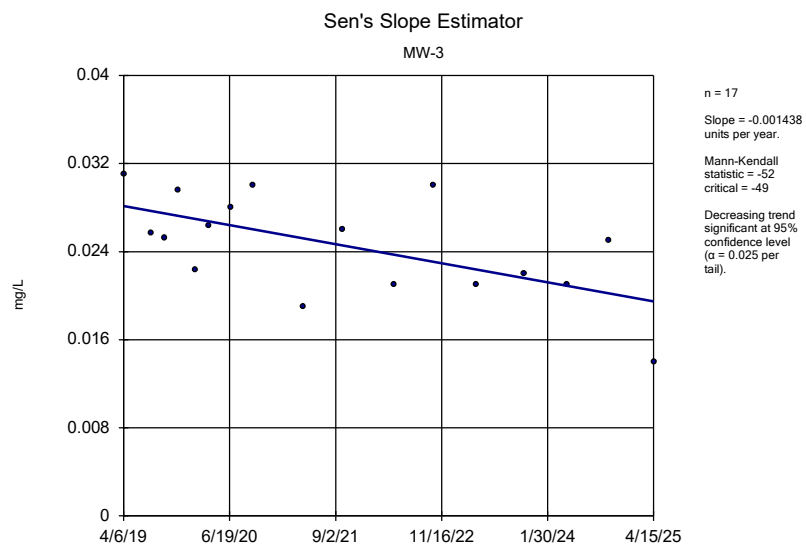
Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



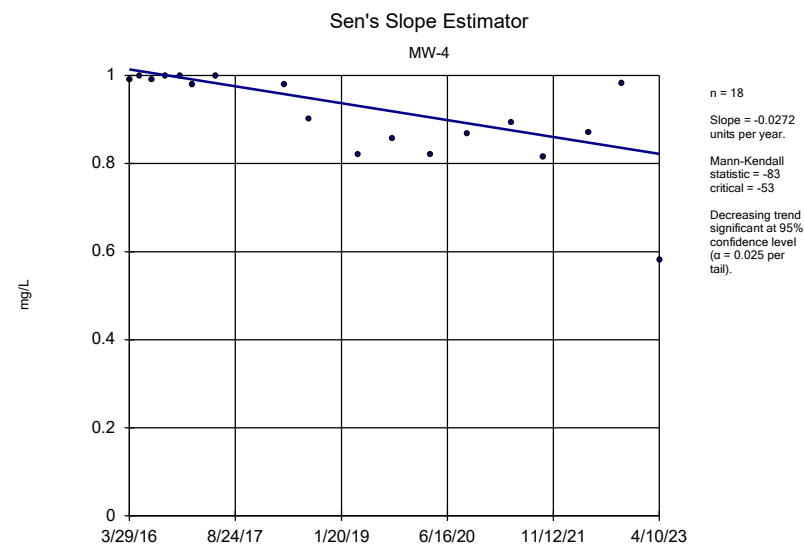
Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



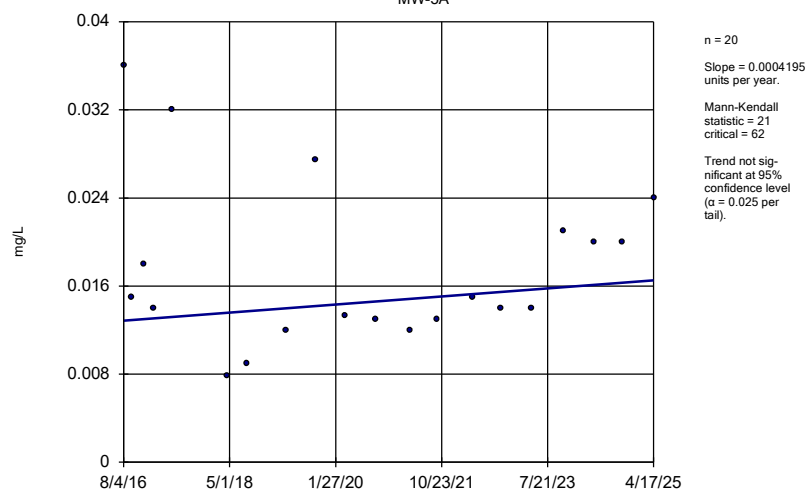
Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant



Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

MW-5A

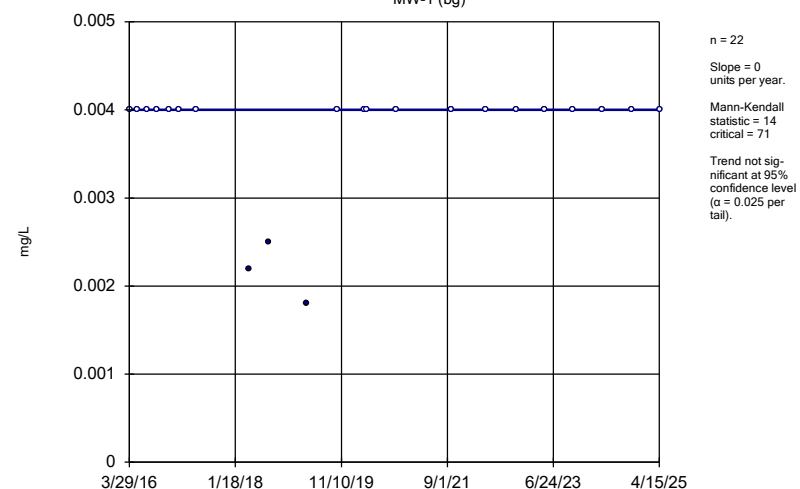


Constituent: Cobalt Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-1 (bg)

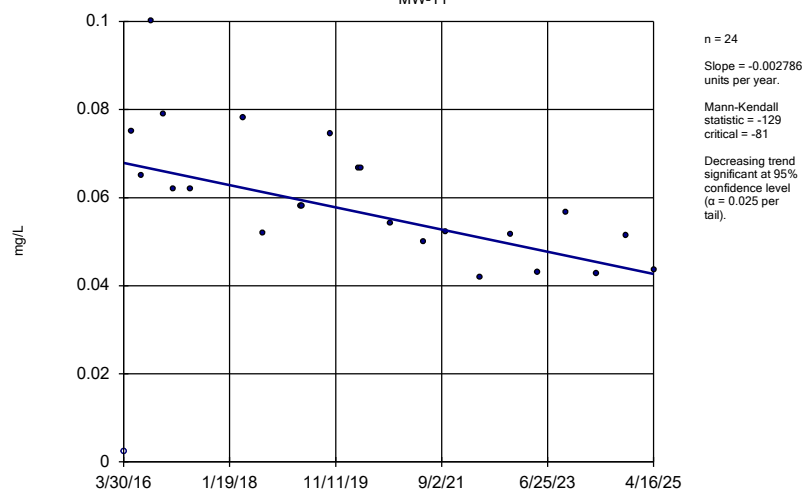


Constituent: Lithium Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Hollow symbols indicate censored values.

Sen's Slope Estimator

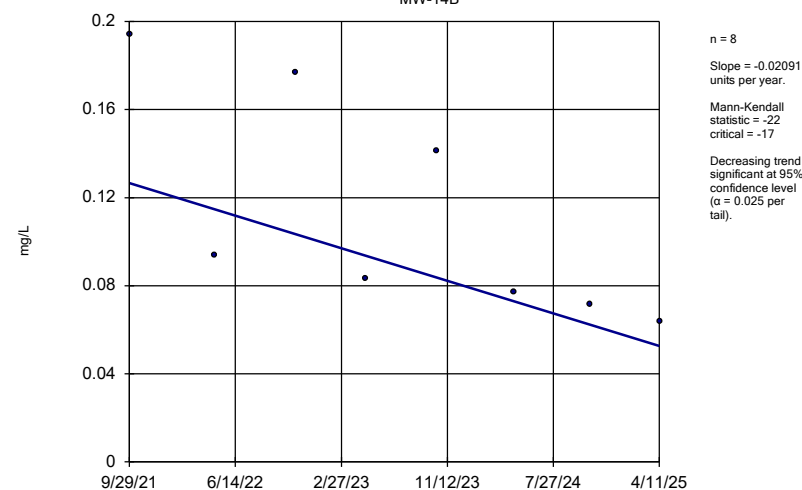
MW-11



Constituent: Lithium Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

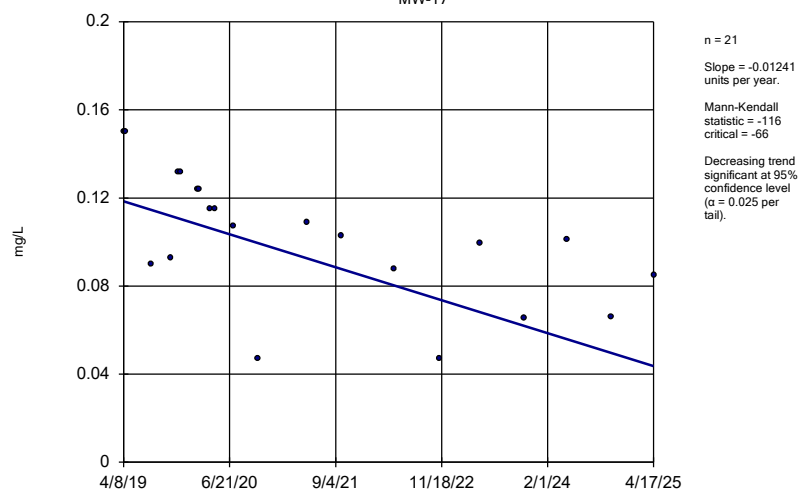
MW-14B

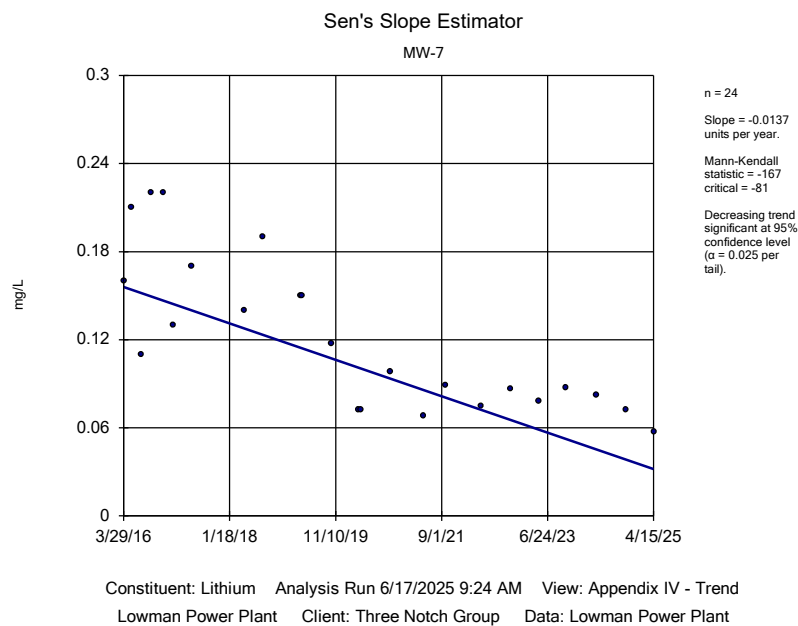
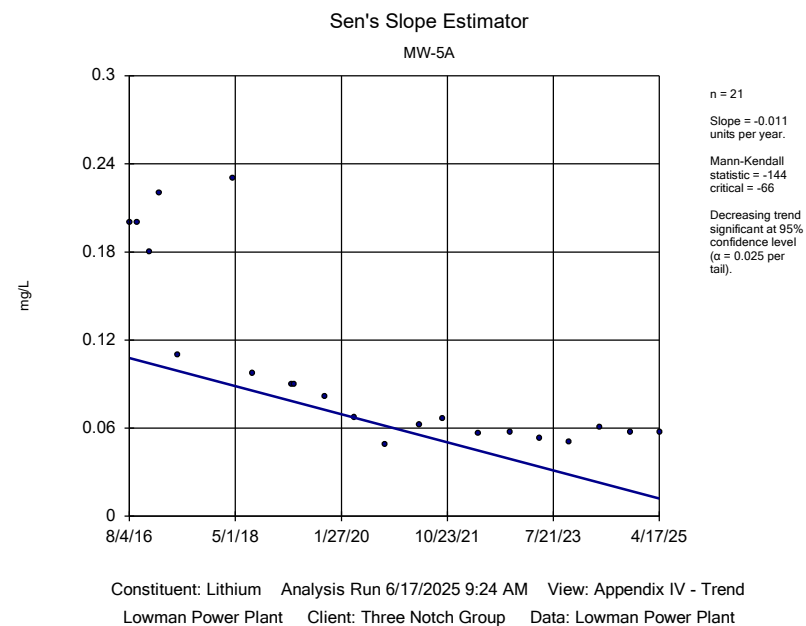
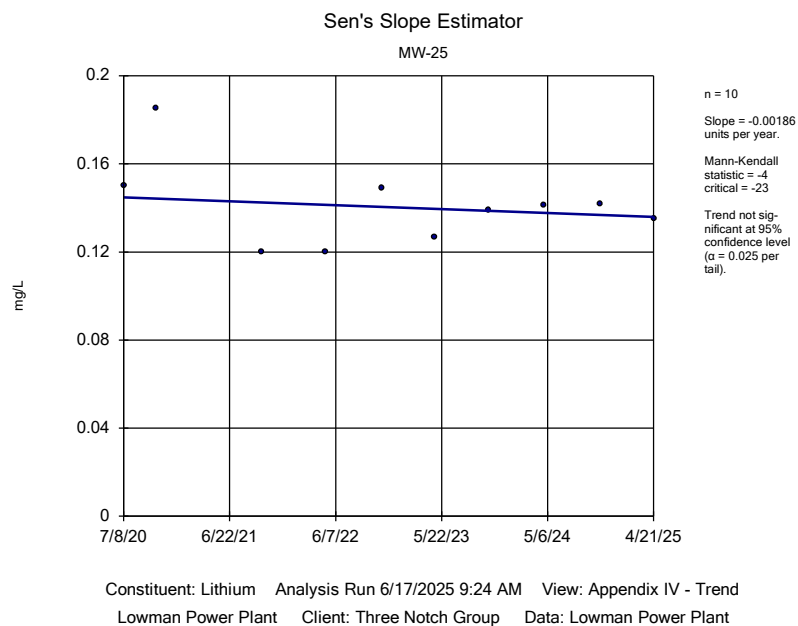


Constituent: Lithium Analysis Run 6/17/2025 9:24 AM View: Appendix IV - Trend
Lowman Power Plant Client: Three Notch Group Data: Lowman Power Plant

Sen's Slope Estimator

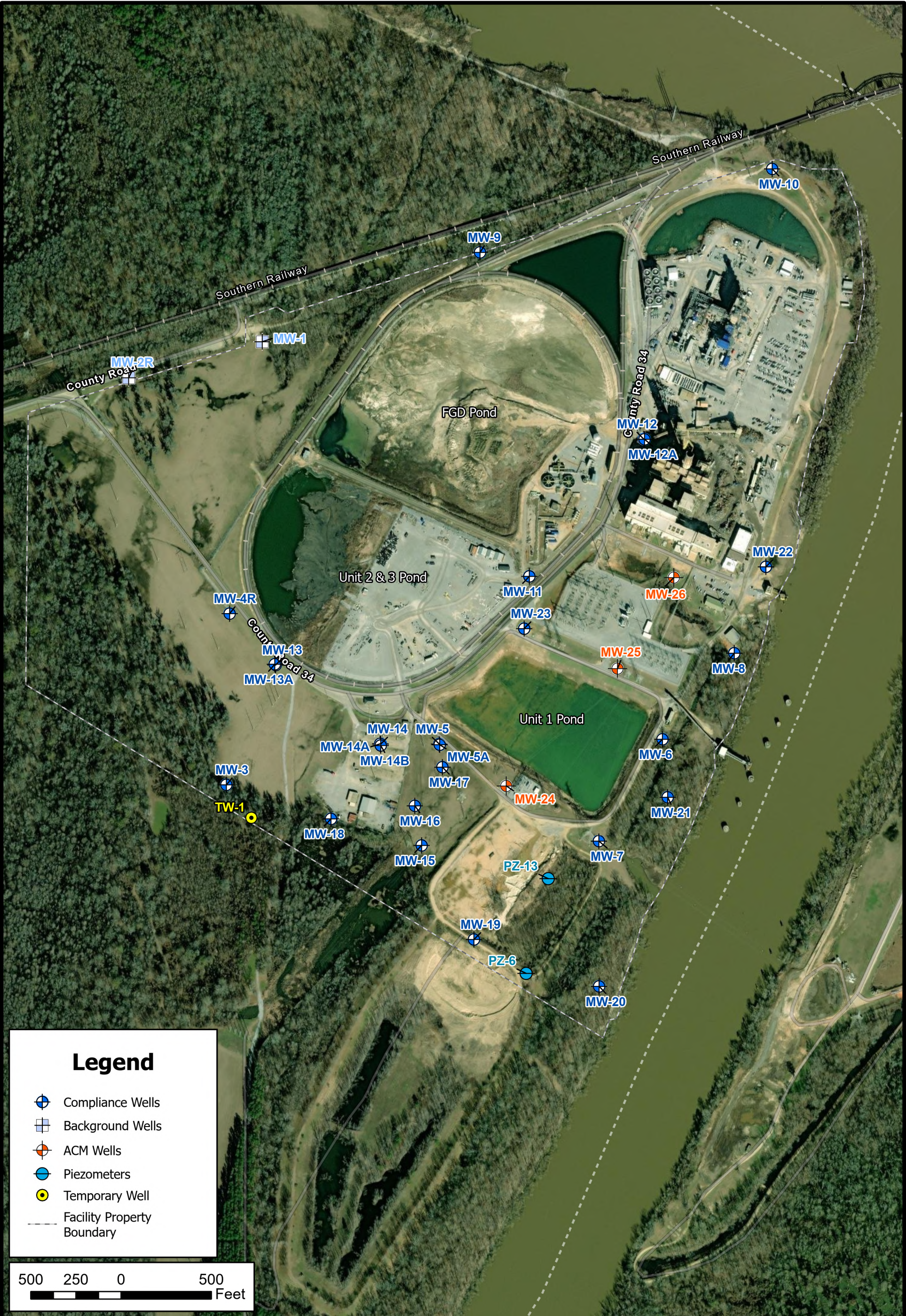
MW-17





APPENDIX G

TW-1 SAMPLING DATA AND ANALYSIS



Site Map: Monitoring Well Locations Including TW-1

Charles R. Lowman Power Plant
Leroy, AL

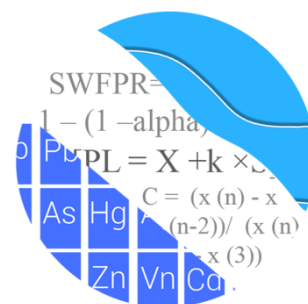


Drawn By:	GAM
Checked by:	JAB
Date:	Jan 2025

TW-1 Summary of Groundwater Monitoring Results and Field Parameters
Charles R. Lowman Power Plant
Leroy, Alabama

			TW-1							
	Sample Date		4/10/2023	10/26/2023	4/23/2024	10/16/2024	12/11/2024	6/3/2025		
Appendix III										
Boron	mg/L	-	0.028	0.011	0.021	0.133	-	0.025		
Calcium	mg/L	-	3.4	2.6	38	5.1	-	26.4		
Chloride	mg/L	250	7.73	6	7.54	9.72	-	7.98		
Sulfate	mg/L	250	29.6	29.3	55.6	25.9	-	35.7		
TDS	mg/L	500	112	96	186	62	-	100		
Appendix IV										
Antimony	mg/L	0.006	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0020		
Arsenic	mg/L	0.010	<0.0010	<0.0010	<0.0010	<0.0100	-	<0.0100		
Barium	mg/L	2.0	0.104	0.1080	0.076	0.1090	-	0.0540		
Beryllium	mg/L	0.004	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0010		
Cadmium	mg/L	0.005	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0010		
Chromium	mg/L	0.100	0.001	<0.001	0.002	<0.010	-	<0.0020		
Cobalt	mg/L	0.013	0.005	0.0040	0.004	<0.010	0.007	0.0030		
Fluoride	mg/L	4	<0.125	<0.125	0.161	<0.125	-	0.2230		
Lead	mg/L	0.015	<0.0010	<0.0010	<0.0010	<0.0100	-	<0.0100		
Lithium	mg/L	0.040	<0.008	0.00532	<0.005	0.0052	-	<0.0040		
Mercury	mg/L	0.002	<0.00020	<0.00020	<0.00020	<0.00020	-	<0.00020		
Molybdenum	mg/L	0.100	<0.001	<0.001	<0.001	<0.010	-	0.0010		
Selenium	mg/L	0.050	<0.001	<0.001	<0.001	<0.010	-	<0.0010		
Thallium	mg/L	0.002	<0.0010	<0.0010	<0.0010	<0.0100	<0.0010	<0.0010		
Radium-226	pCi/L	-	1.4600	0.5280	-0.3810	0.000	-	-0.2230		
Radium-228	pCi/L	-	-0.1430	0.1450	0.2910	0.776	-	0.3910		
Combined Radium	pCi/L	5	1.4600	0.6730	0.2910	0.776	-	0.1680		

GROUNDWATER STATS CONSULTING



July 29, 2025

Three Notch Group
Attn: Mr. Alan Barck
1840 East Three Notch Street
Andalusia, AL 36421

RE: Lowman Power Plant – June 2025 Statistical Analysis
Well TW-1

Dear Mr. Barck,

Groundwater Stats Consulting, formerly the statistical consulting division at Sanitas Technologies, is pleased to provide the Detection and Assessment Monitoring statistical analysis of the June 2025 groundwater data for well TW-1 at the Power South Energy Cooperative's Lowman Power Plant for the Coal Combustion Residuals (CCR) program. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015) as well as with the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting.

The following constituents were evaluated:

- **Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Time series and box plots are provided for all wells for the parameters listed above (Figures A and B, respectively). The time series plots display concentrations over time for

each well while the box plots provide visual representation of variation within a given well and across all wells. Data were visually screened for new outliers using time series plots to determine if spurious values are present in the dataset, and no measurements were identified during this analysis or in previous analyses (Figure C). If future measurements are identified as outliers, a list of all flagged values will be provided.

Note that when there are no detections present in downgradient wells for a given Appendix IV constituent, statistical analyses are not required. A list of well/constituent pairs containing 100% non-detects follows this letter. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric confidence intervals are used when data contain greater than 50% non-detects.

Statistical Method

- Confidence intervals: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Data from well TW-1 are plotted on the time series graphs and box plots, and are evaluated for Appendix IV constituents using confidence intervals, which require a minimum of 4 samples. Appendix III parameters may be evaluated with prediction limits once a minimum of 8 samples is available.

Confidence intervals were either parametric or nonparametric confidence intervals depending on the data distribution and percentage of non-detects. When data followed a normal or transformed-normal distribution, parametric confidence intervals were used for Appendix IV parameters. Nonparametric confidence intervals, which use the highest and lowest values as interval limits when $n \leq 8$, were constructed when data did not follow a normal or transformed-normal distribution or when there were greater than 50% non-

detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the GWPS prepared as described below. The confidence level associated with nonparametric confidence intervals is dependent upon the number samples available.

Background Update Summary Appendix IV Constituents – October 2023

Interwell Upper Tolerance Limits

Background limits were determined using tolerance limits constructed from pooled upgradient well data (wells MW-1, MW-2, and MW-2R) through October 2023 for Plant Lowman and the report was submitted at that time. The tolerance limits contain a known fraction (coverage) of the background population with a known level of confidence. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. As requested by Alabama Department of Environmental Management (ADEM) to eliminate variation among upgradient well data, nonparametric tolerance limits, which use the highest value in screened background as the statistical limit, were constructed.

These limits are compared to regulatory standards for the Appendix IV parameters, and the resulting Groundwater Protection Standard (GWPS) is the higher of the two limits. The tolerance limits will be updated again during the Fall 2025 analysis.

Groundwater Protection Standards

These background limits were compared to the Maximum Contaminant Levels (MCLs) and CCR Rule-Specified levels as shown in the Groundwater Protection Standard (GWPS) table following this letter to determine the highest limit for use as the GWPS in the Confidence Interval comparisons.

The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples. A summary of the tolerance limits follows this letter. These limits were then used when determining the GWPS under 40 CFR 257.95(h) and ADEM Admin. Code r. 335-13-15-.06(6)(h).

As described in 40 CFR 257.95(h)(1-3) the GWPS is based on the following:

- 1) The maximum contaminant level established under 141.62 and 141.66 of this title (the "MCL");

- 2) Where an MCL has not been established, rule-specified levels as follows:
- a. Cobalt – 0.006 mg/L
 - b. Lead – 0.015 mg/L
 - c. Lithium – 0.04 mg/L
 - d. Molybdenum 0.1 mg/L

Regarding #2 above, the USEPA revised the Federal CCR Rule on July 30, 2018 and updated the GWPS for cobalt, lead, lithium, and molybdenum as described in 40 CRF 257.95(h)(2). These limits have also been incorporated under ADEM Chapter 335-13-15, Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments.

Following the above referenced federal and state requirements, GWPS have been established for the statistical evaluation of the Appendix IV constituents. The GWPS table following this letter provides a summary of the limits established for the Appendix IV parameters (Figure D).

Statistical Analysis Appendix IV Constituents – June 2025

Confidence Intervals

Confidence intervals were constructed on downgradient well TW-1 through June 2025 for each of the Appendix IV parameters (Figure E).

As mentioned above, well/constituent pairs containing 100% non-detects do not require statistics and were, therefore, deselected prior to construction confidence intervals. Each confidence interval was compared with the corresponding GWPS. Only when the entire confidence interval is above the GWPS is the well/constituent pair considered to exceed its respective standard. Due to the limited sample size for combined radium 226 + 228 at well TW-1, the parametric confidence interval was wide and resulted in a negative lower confidence limit. Therefore, a nonparametric confidence interval was constructed for this well/constituent pair and may be found at the end of the confidence interval results. This is a more conservative approach in that the lower confidence limit reflects the lowest measurement in the data set for a given well rather than a negative number. Both a tabular summary and graphical presentation of the confidence interval results follow this letter. No statistically significant exceedances were noted.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality at the Lowman Power Plant for well TW-1. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

A handwritten signature in black ink, appearing to read 'Easton Rayner'.

Easton Rayner
Groundwater Analyst

A handwritten signature in black ink, appearing to read 'A. Collins'.

Andrew T. Collins
Project Manager

Table of Contents

Summary Tables	7
Figure A. Time Series	11
Figure B. Box Plots	39
Figure C. Outlier Summary	46
Figure D. Groundwater Protection Standards	48
Figure E. Confidence Intervals	50

Summary Tables

100% Non-Detects

Analysis Run 7/24/2025 2:03 PM View: AIV 100% NDs
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Antimony (mg/L)
TW-1

Arsenic (mg/L)
TW-1

Beryllium (mg/L)
TW-1

Cadmium (mg/L)
TW-1

Lead (mg/L)
TW-1

Mercury (mg/L)
TW-1

Selenium (mg/L)
TW-1

Thallium (mg/L)
TW-1

LOWMAN POWER PLANT GWPS			
Analyte	Units	Background	GWPS
Antimony	mg/L	0.001	0.006
Arsenic	mg/L	0.0031	0.01
Barium	mg/L	0.15	2
Beryllium	mg/L	0.001	0.004
Cadmium	mg/L	0.001	0.005
Chromium	mg/L	0.001	0.1
Cobalt	mg/L	0.013	0.013
Combined Radium-226/228	pCi/L	1.49	5
Fluoride	mg/L	0.16	4
Lead	mg/L	0.001	0.015
Lithium	mg/L	0.004	0.04
Mercury	mg/L	0.0002	0.002
Molybdenum	mg/L	0.001	0.1
Selenium	mg/L	0.001	0.05
Thallium	mg/L	0.001	0.002

Notes:

1. mg/L - Milligrams per liter

2. pCi/L - Picocuries per liter

3. The background limits were used as the groundwater protection standard (GWPS) when appropriate under 40 CFR §257.95(h), ADEM Rule 335-13-15-.06(h), and the ADEM Variance.

4. GWPS established during second semi-annual sampling event in 2023.

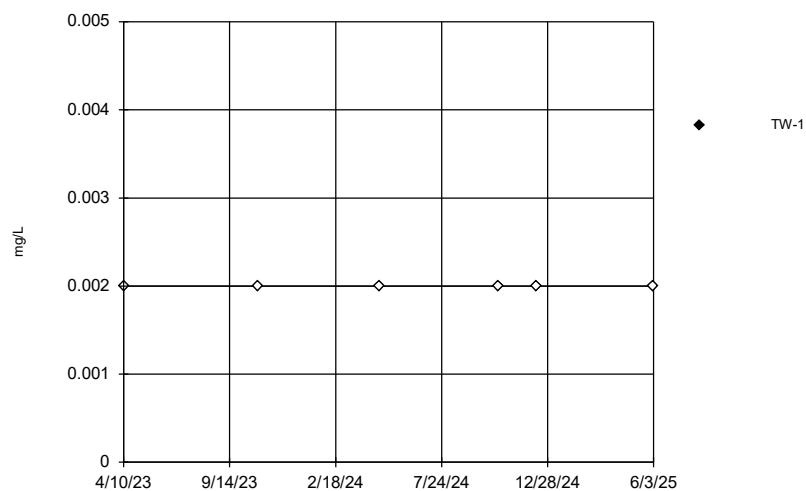
Confidence Intervals - All Results (No Significant)

Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1 Printed 7/28/2025, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	TW-1	0.131	0.04939	2	No	5	0	No	0.01	Param.
Chromium (mg/L)	TW-1	0.002	0.001	0.1	No	5	60	No	0.031	NP (NDs)
Cobalt (mg/L)	TW-1	0.006456	0.002344	0.013	No	6	16.67	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	TW-1	1.46	0.168	5	No	5	0	No	0.031	NP (selected)
Fluoride (mg/L)	TW-1	0.223	0.125	4	No	5	60	No	0.031	NP (NDs)
Lithium (mg/L)	TW-1	0.00532	0.004	0.04	No	5	80	No	0.031	NP (NDs)
Molybdenum (mg/L)	TW-1	0.01	0.001	0.1	No	5	80	No	0.031	NP (NDs)

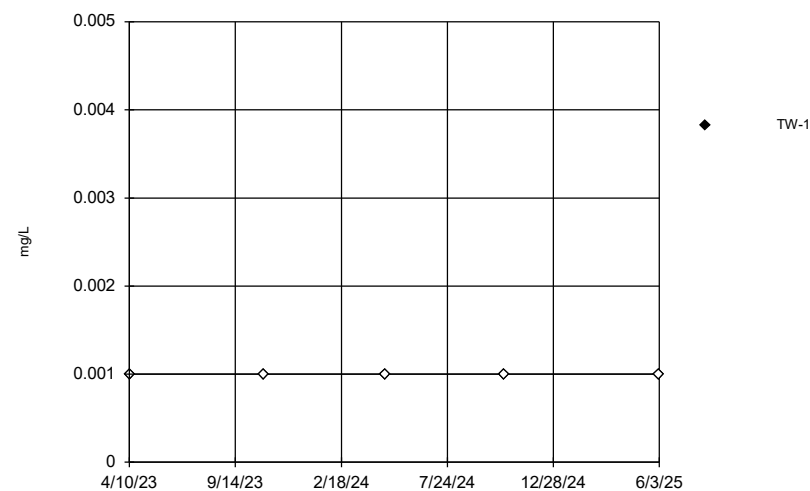
FIGURE A.

Time Series



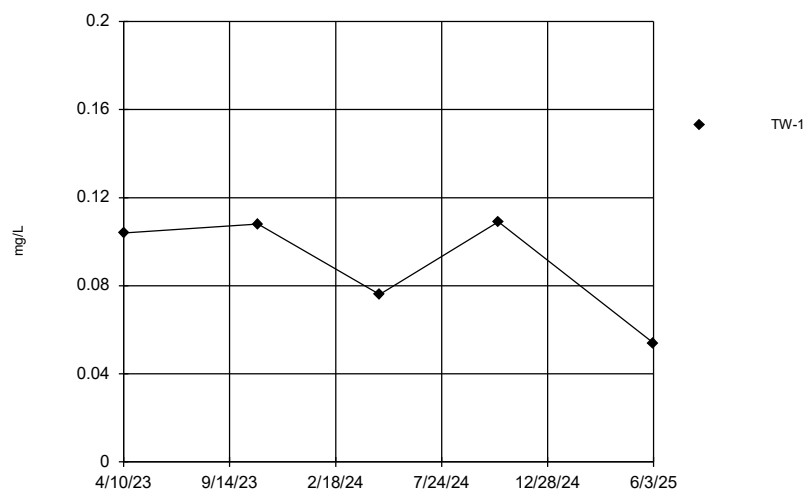
Constituent: Antimony Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



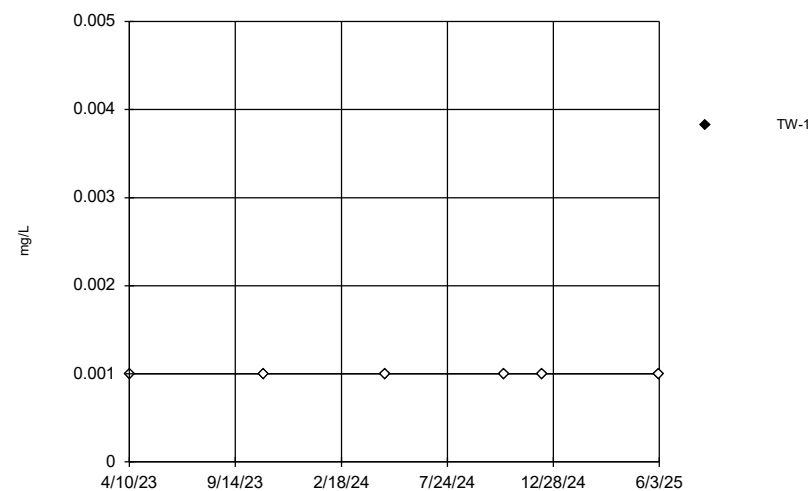
Constituent: Arsenic Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



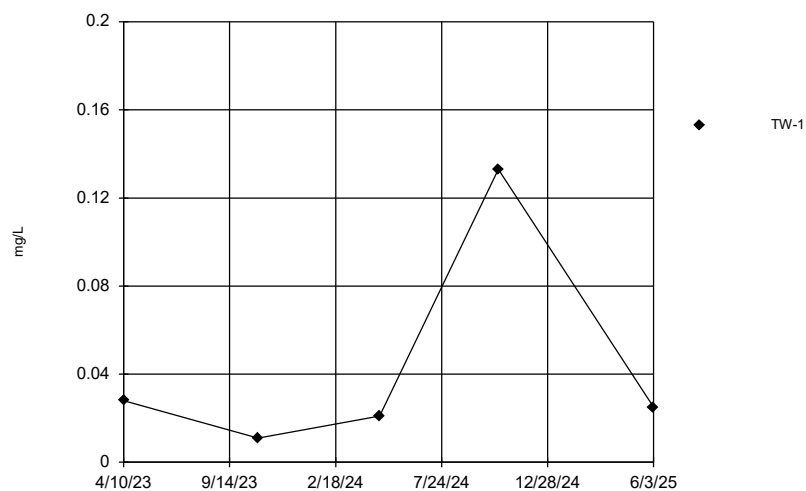
Constituent: Barium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



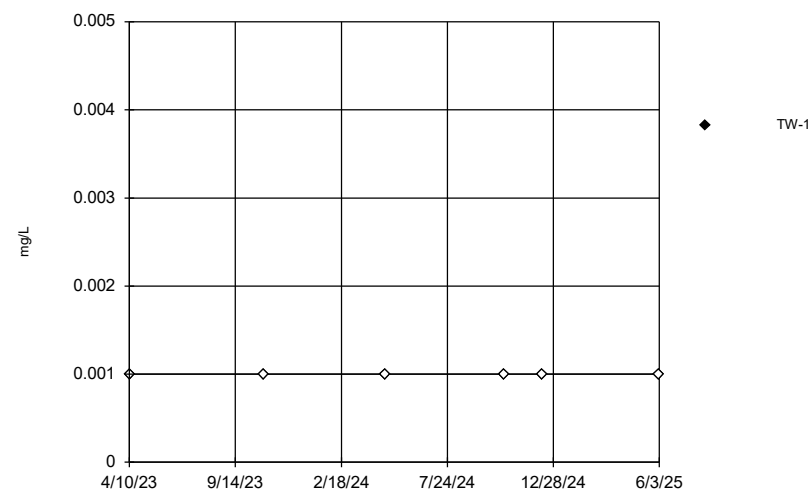
Constituent: Beryllium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



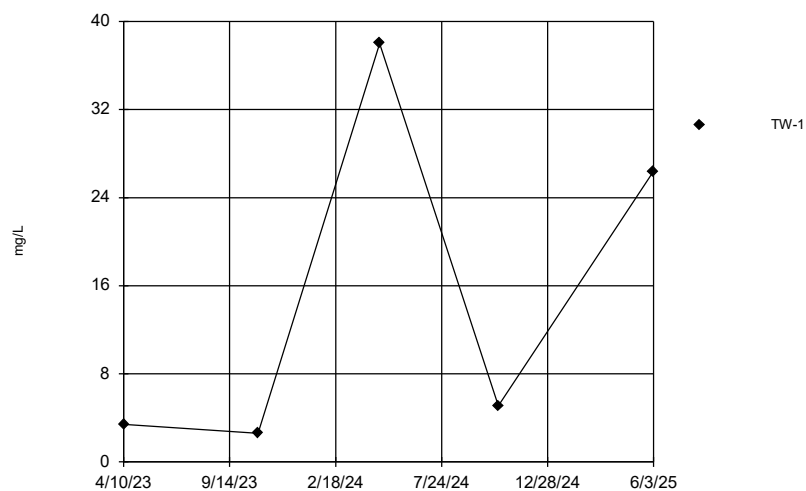
Constituent: Boron Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



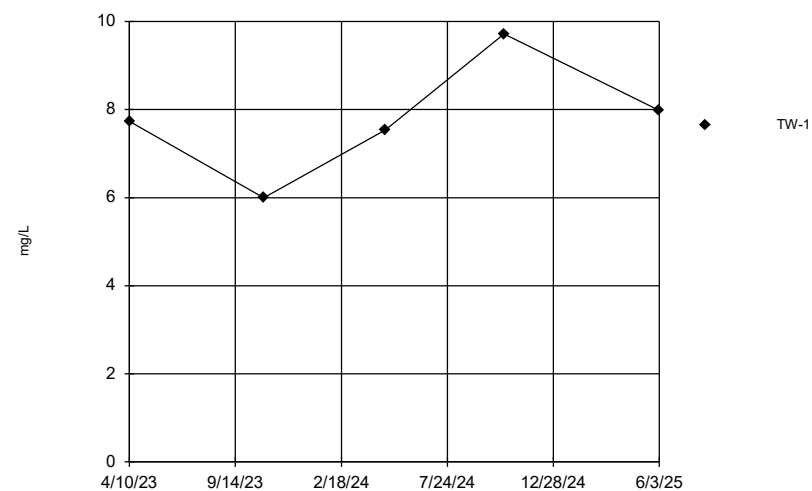
Constituent: Cadmium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



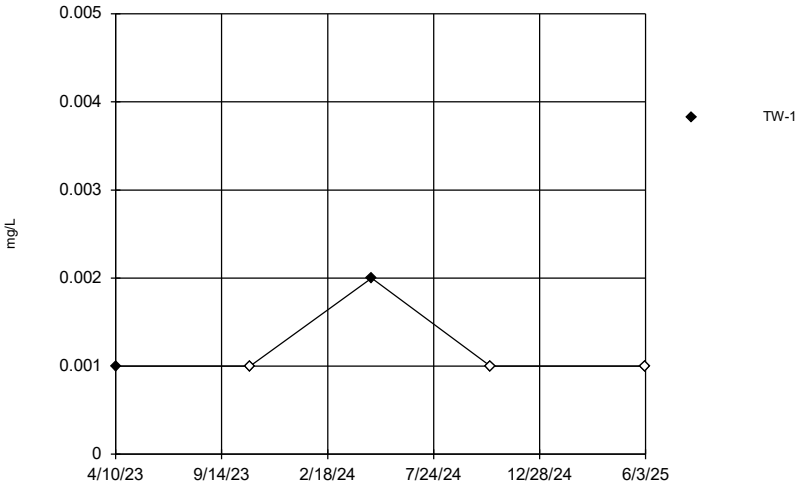
Constituent: Calcium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



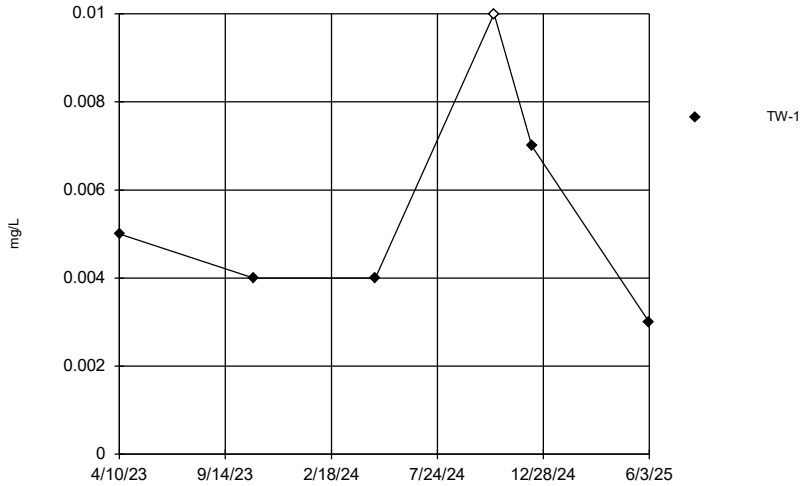
Constituent: Chloride Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



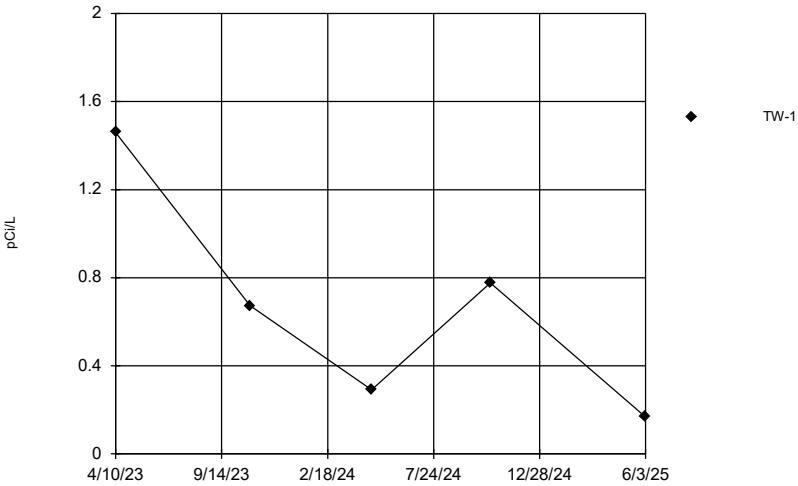
Constituent: Chromium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



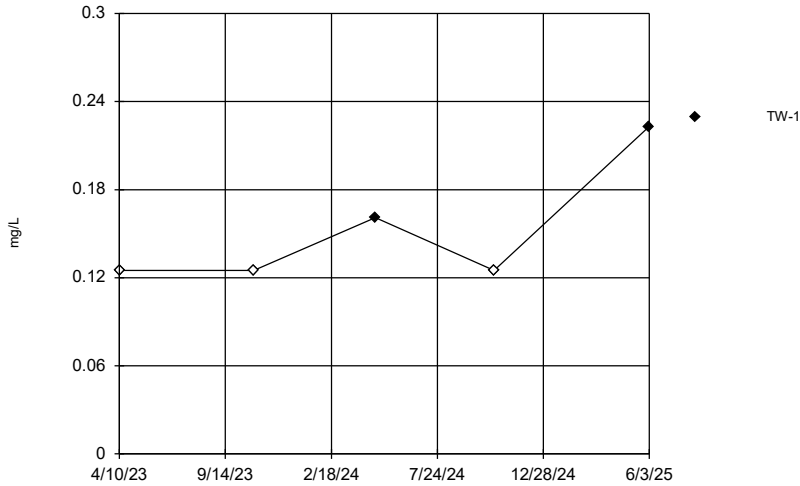
Constituent: Cobalt Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



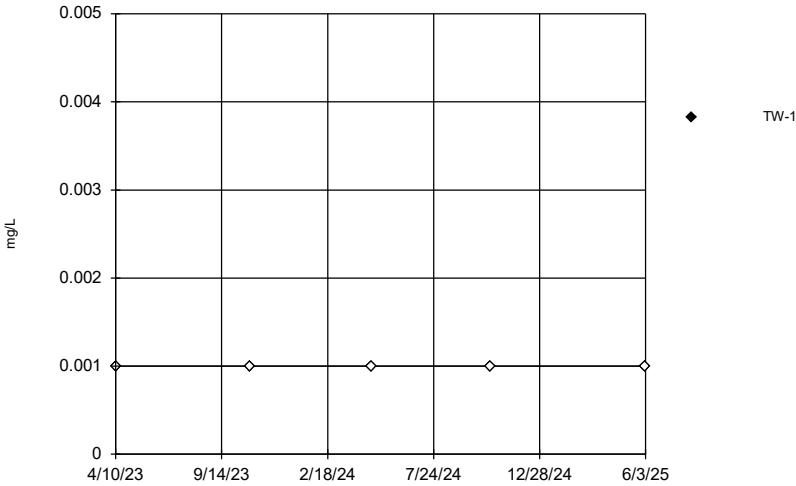
Constituent: Combined Radium 226 + 228 Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



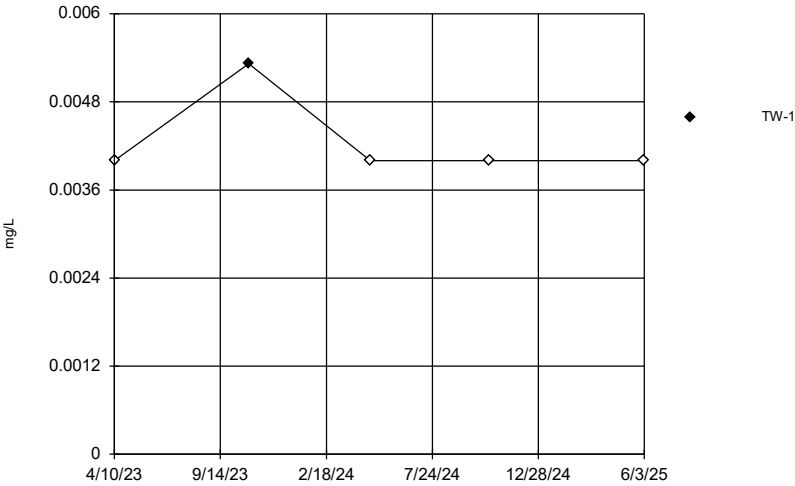
Constituent: Fluoride Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



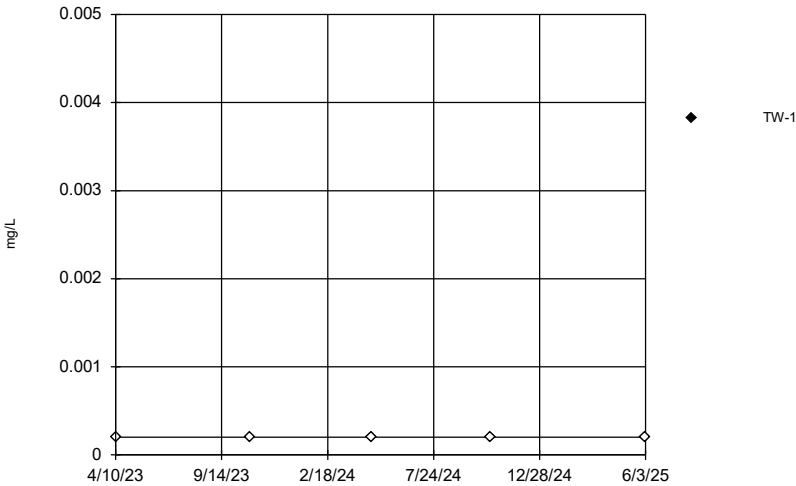
Constituent: Lead Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series



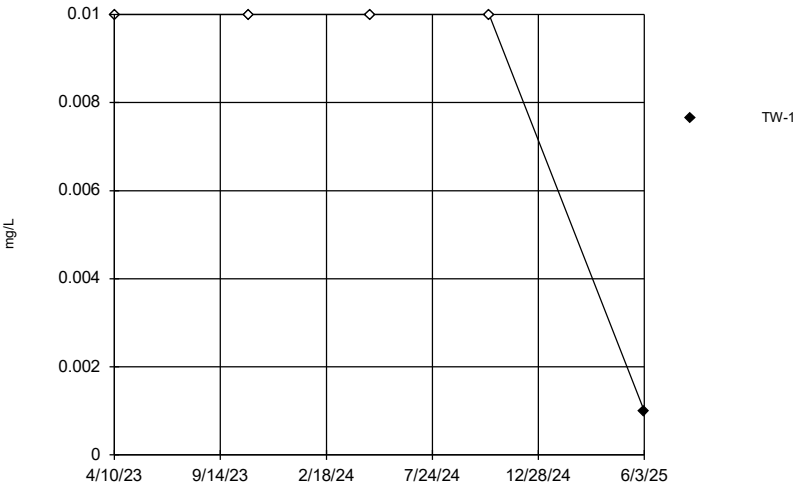
Constituent: Lithium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series

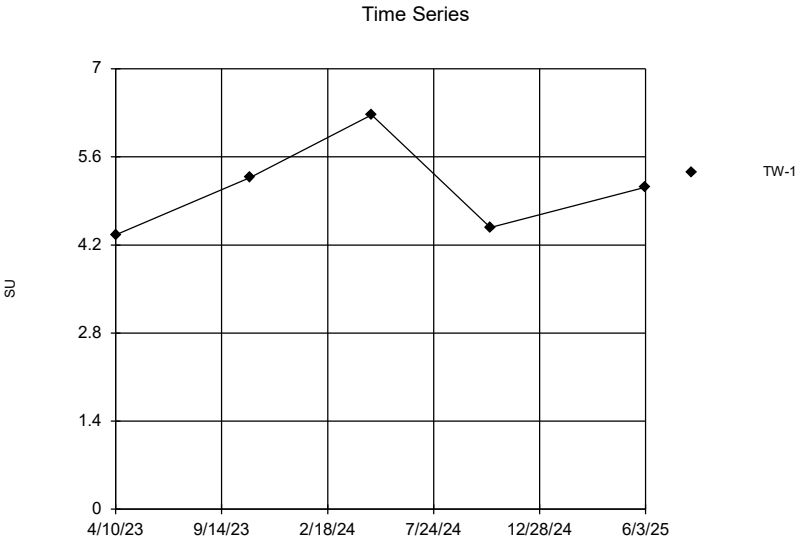


Constituent: Mercury Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

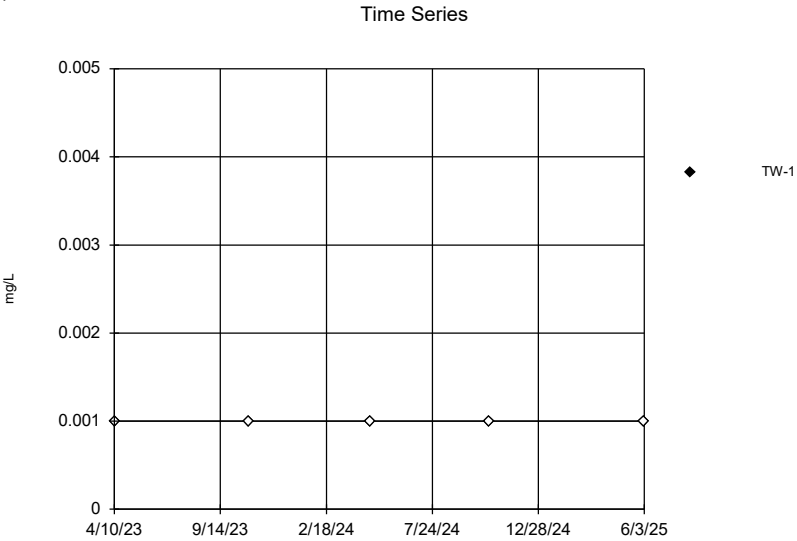
Time Series



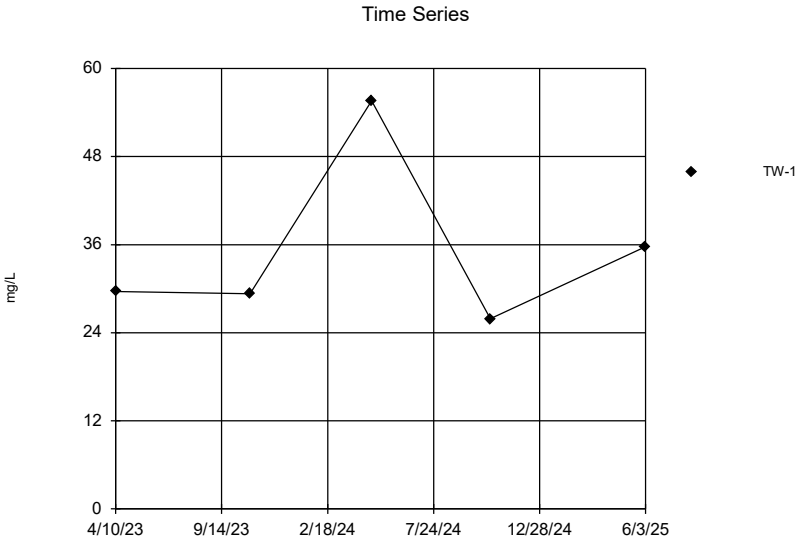
Constituent: Molybdenum Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



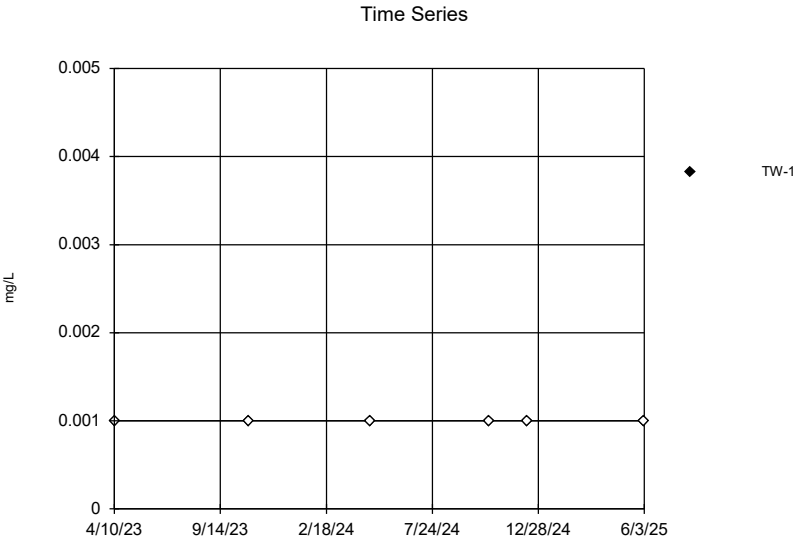
Constituent: pH Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



Constituent: Selenium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

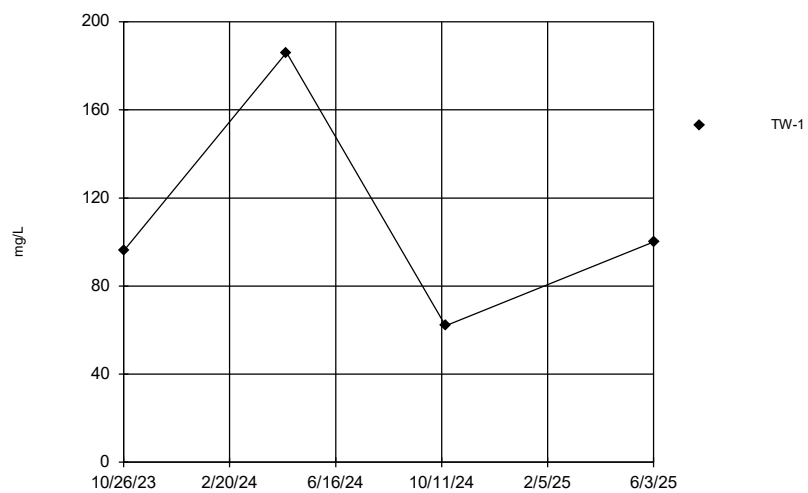


Constituent: Sulfate Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



Constituent: Thallium Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

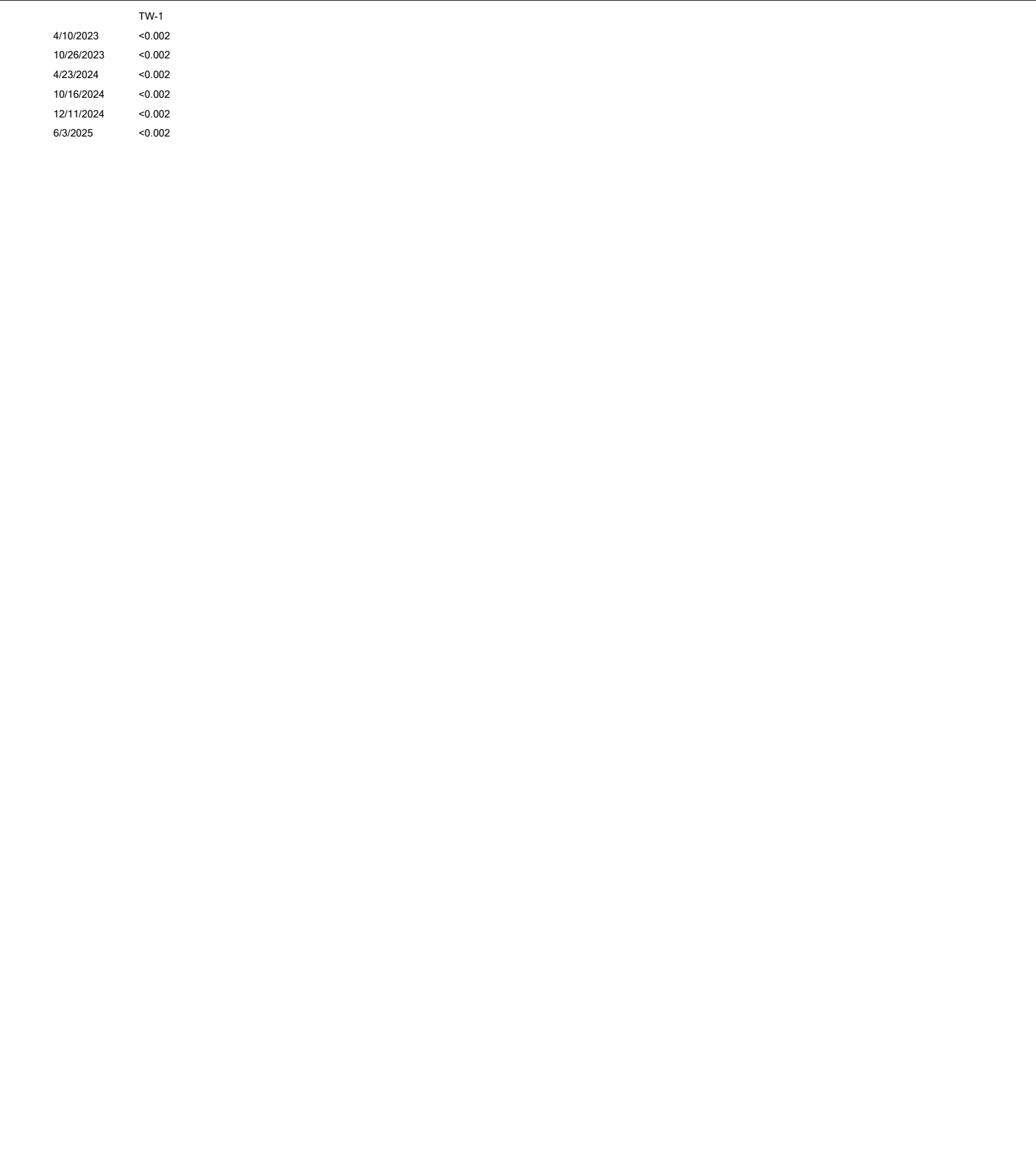
Time Series



Constituent: Total Dissolved Solids Analysis Run 7/24/2025 2:06 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Time Series

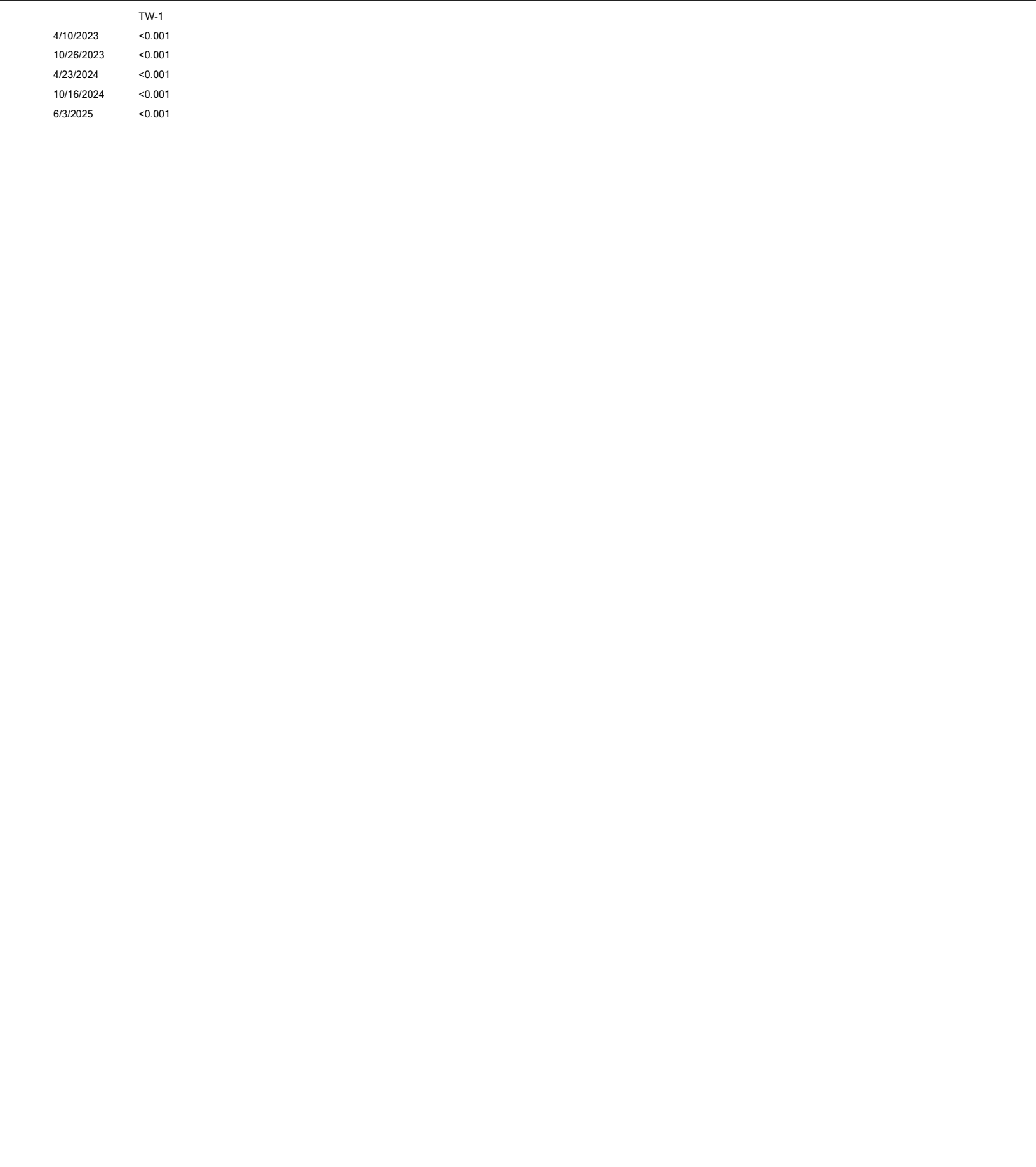
Constituent: Antimony (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	<0.002
10/26/2023	<0.002
4/23/2024	<0.002
10/16/2024	<0.002
12/11/2024	<0.002
6/3/2025	<0.002

Time Series

Constituent: Arsenic (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

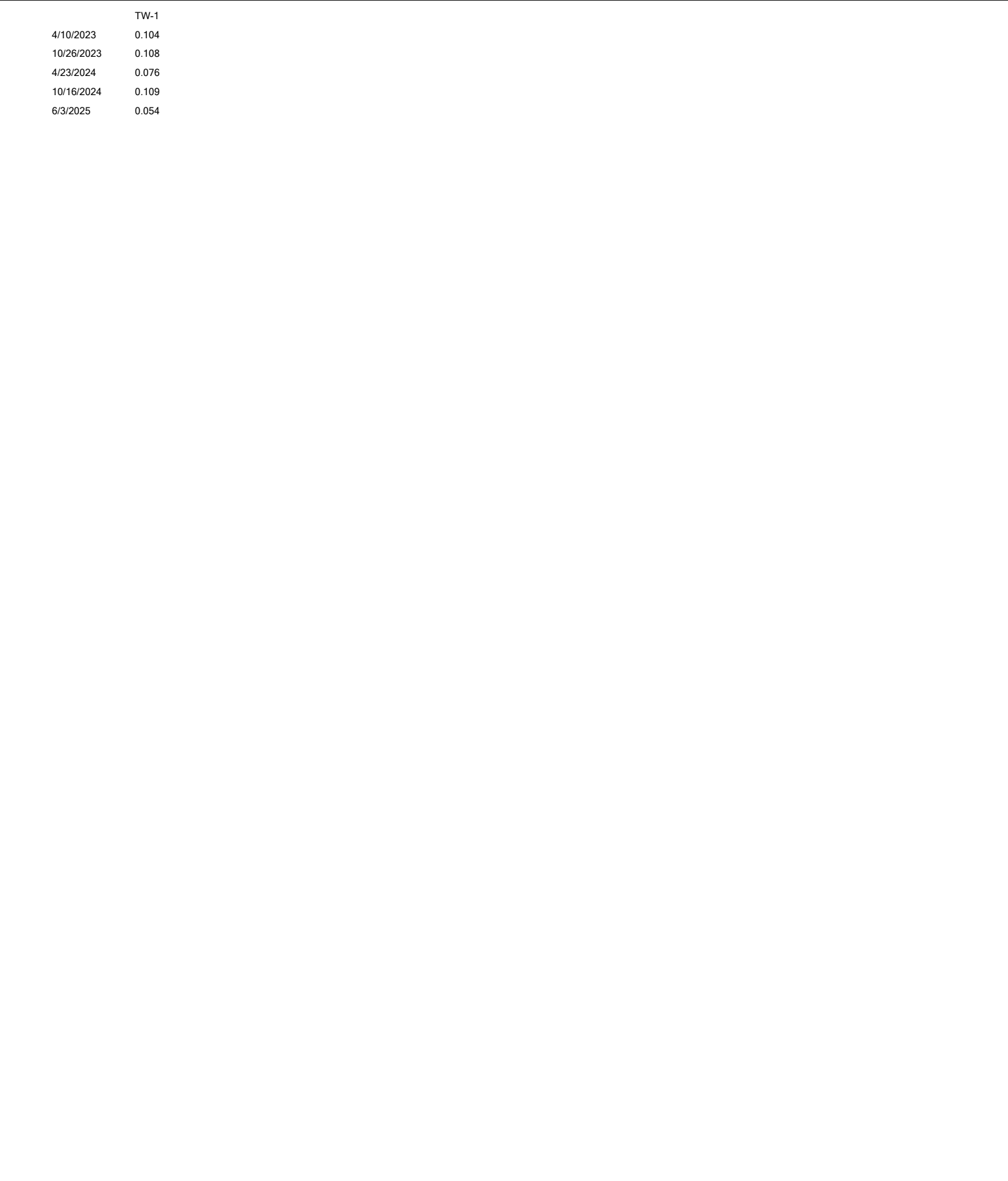


	TW-1
4/10/2023	<0.001
10/26/2023	<0.001
4/23/2024	<0.001
10/16/2024	<0.001
6/3/2025	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

Constituent: Barium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	0.104
10/26/2023	0.108
4/23/2024	0.076
10/16/2024	0.109
6/3/2025	0.054

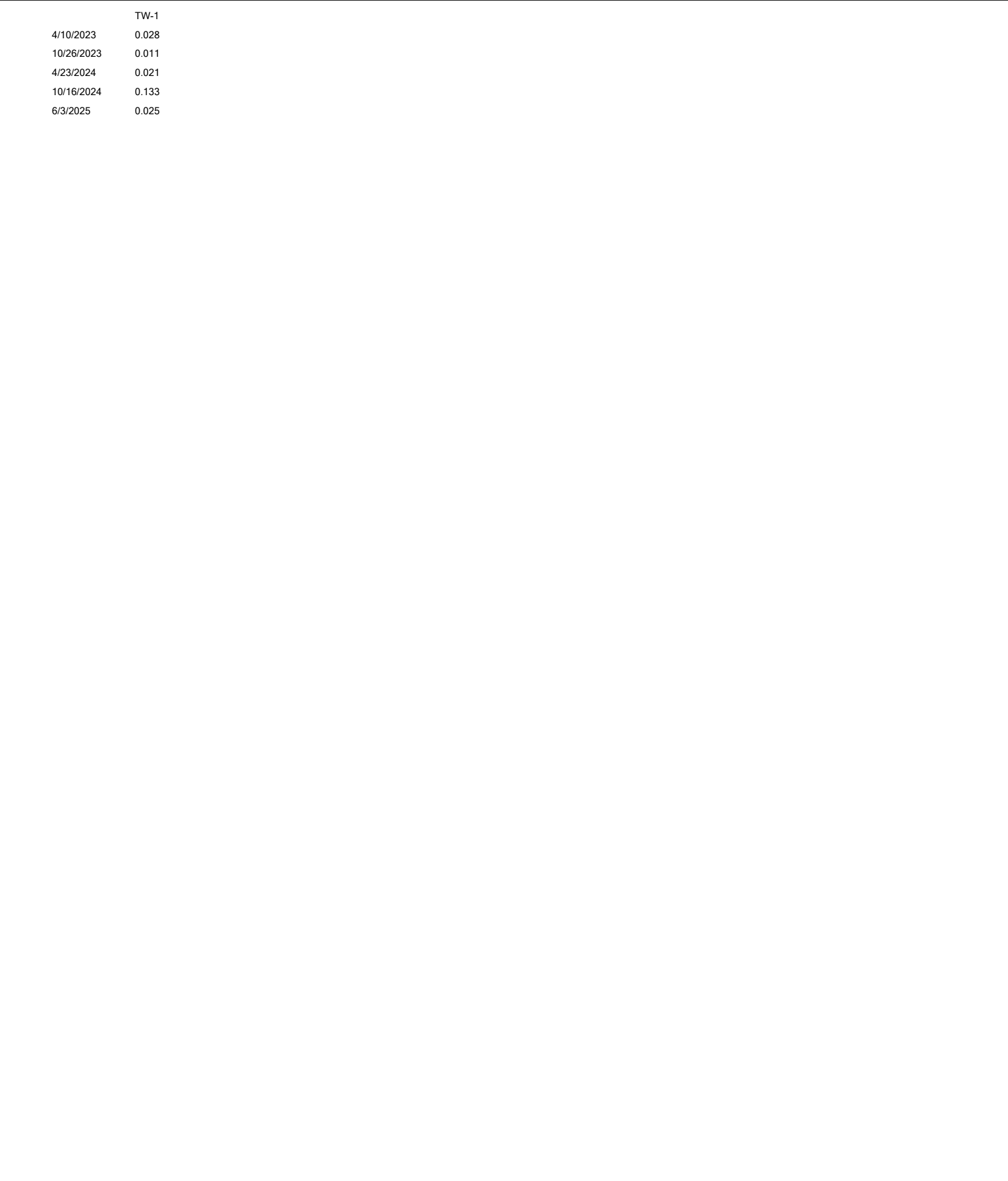
Time Series

Constituent: Beryllium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

TW-1	
4/10/2023	<0.001
10/26/2023	<0.001
4/23/2024	<0.001
10/16/2024	<0.001
12/11/2024	<0.001
6/3/2025	<0.001

Time Series

Constituent: Boron (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	0.028
10/26/2023	0.011
4/23/2024	0.021
10/16/2024	0.133
6/3/2025	0.025

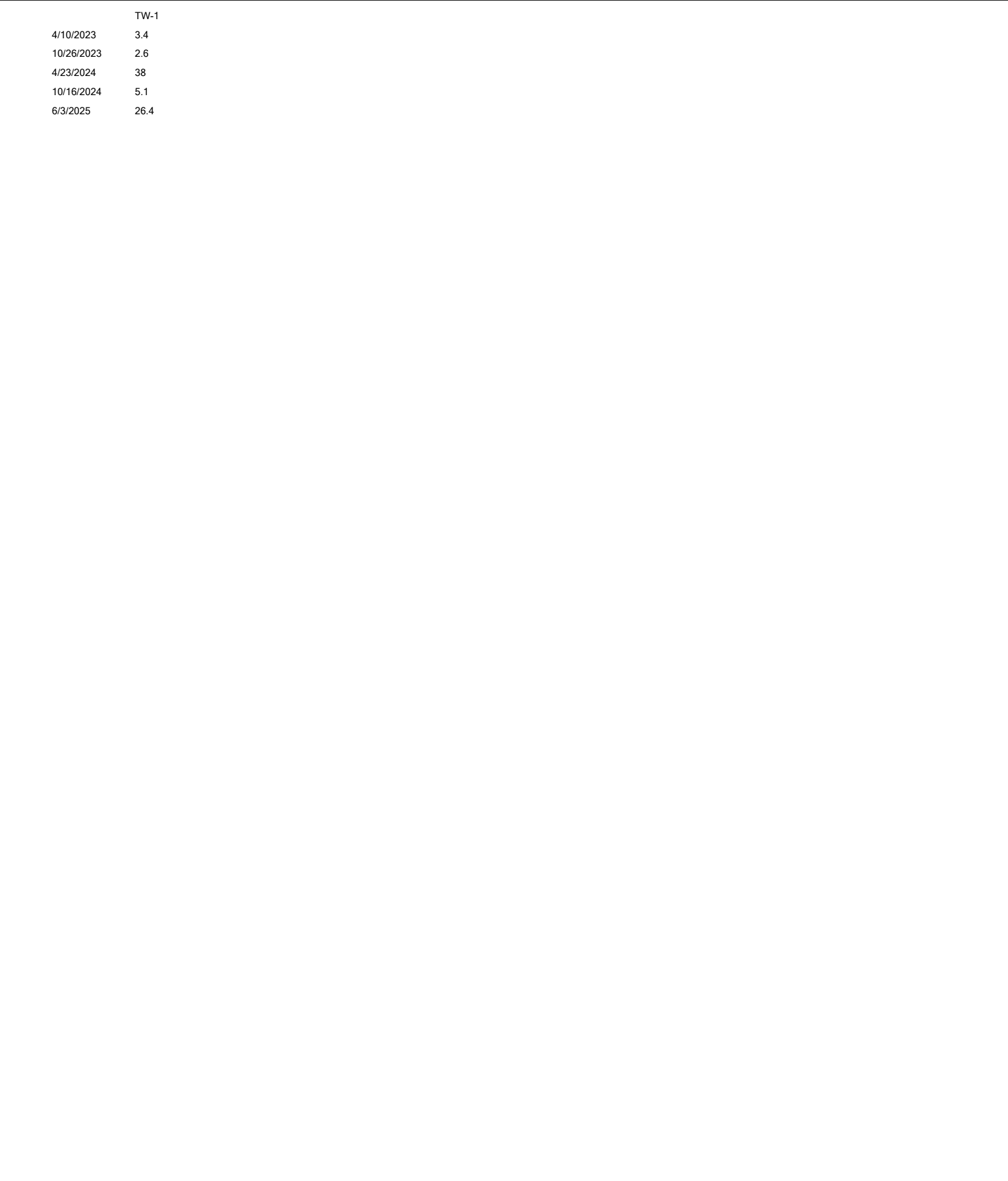
Time Series

Constituent: Cadmium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

TW-1	
4/10/2023	<0.001
10/26/2023	<0.001
4/23/2024	<0.001
10/16/2024	<0.001
12/11/2024	<0.001
6/3/2025	<0.001

Time Series

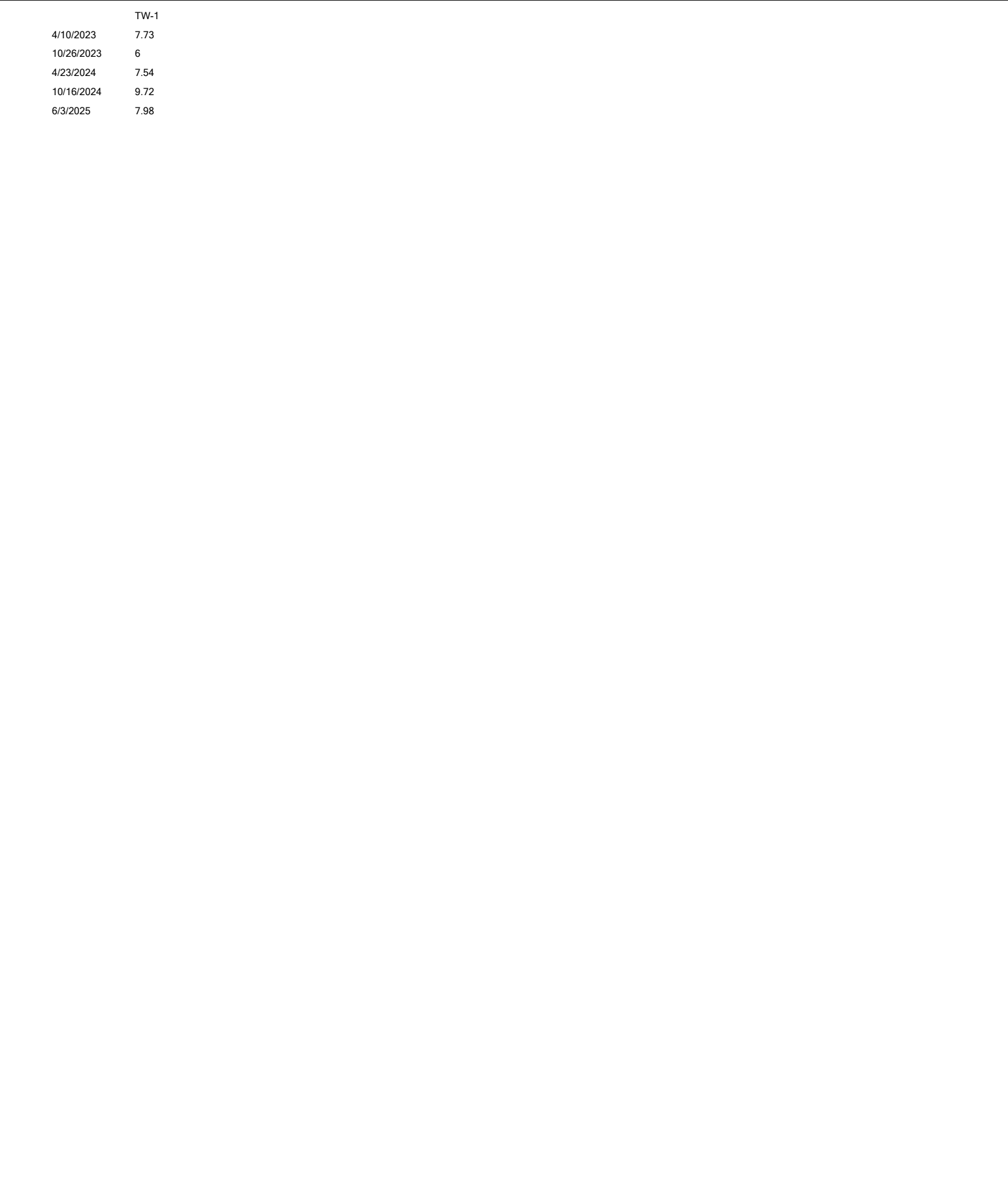
Constituent: Calcium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	3.4
10/26/2023	2.6
4/23/2024	38
10/16/2024	5.1
6/3/2025	26.4

Time Series

Constituent: Chloride (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	7.73
10/26/2023	6
4/23/2024	7.54
10/16/2024	9.72
6/3/2025	7.98

Time Series

Constituent: Chromium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

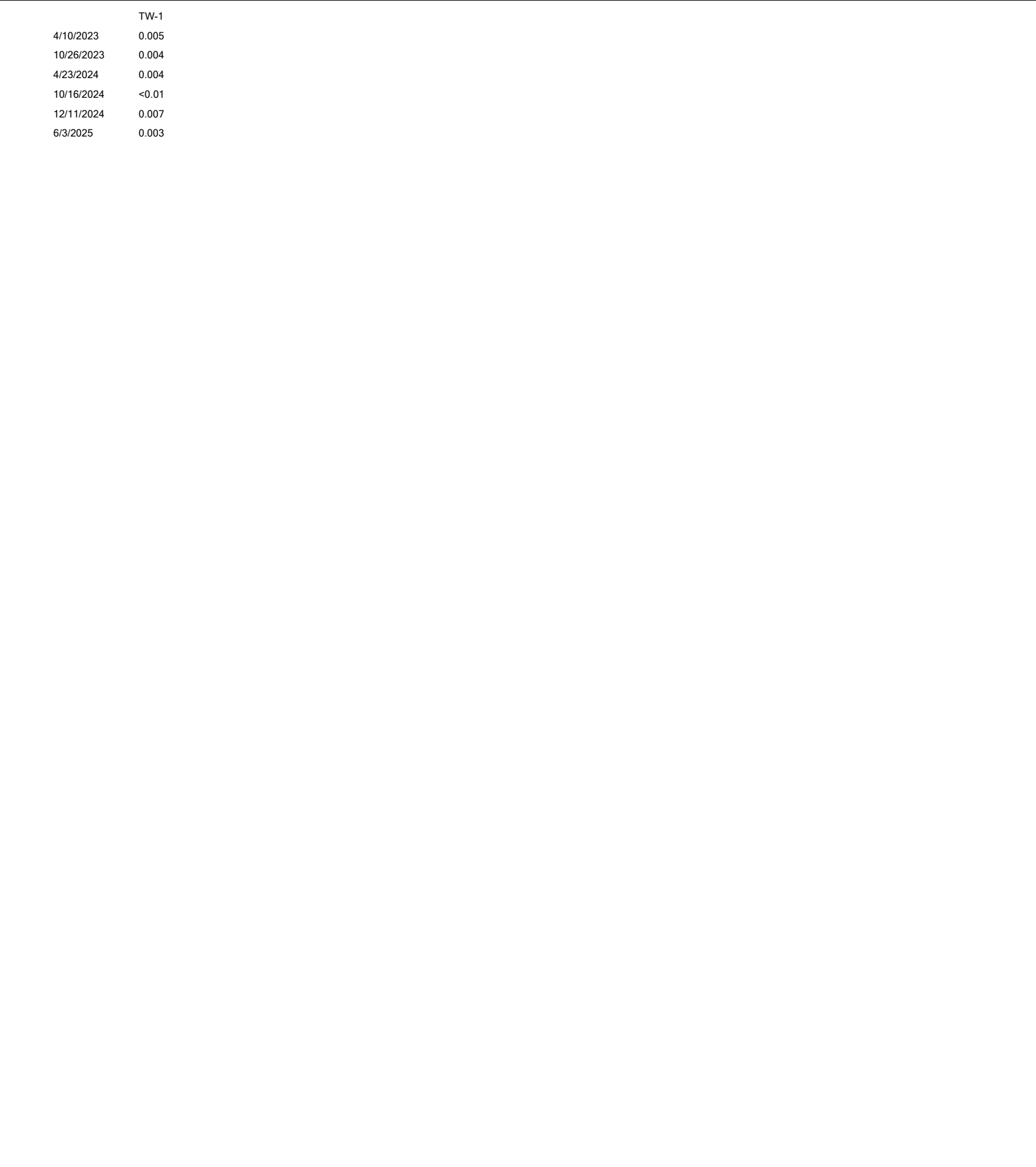


	TW-1
4/10/2023	0.001
10/26/2023	<0.001
4/23/2024	0.002
10/16/2024	<0.001
6/3/2025	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Time Series

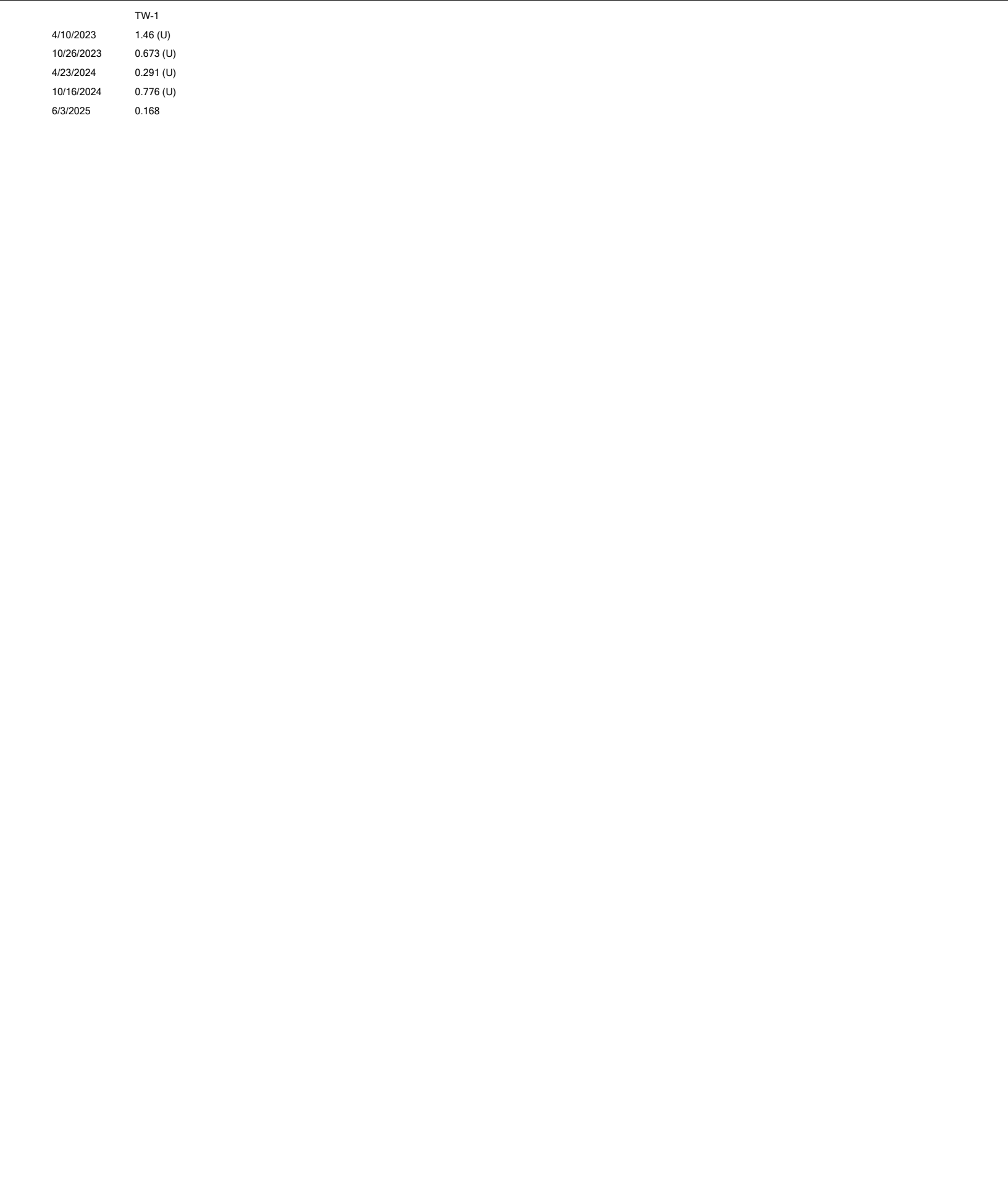
Constituent: Cobalt (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	0.005
10/26/2023	0.004
4/23/2024	0.004
10/16/2024	<0.01
12/11/2024	0.007
6/3/2025	0.003

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	1.46 (U)
10/26/2023	0.673 (U)
4/23/2024	0.291 (U)
10/16/2024	0.776 (U)
6/3/2025	0.168

Time Series

Constituent: Fluoride (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

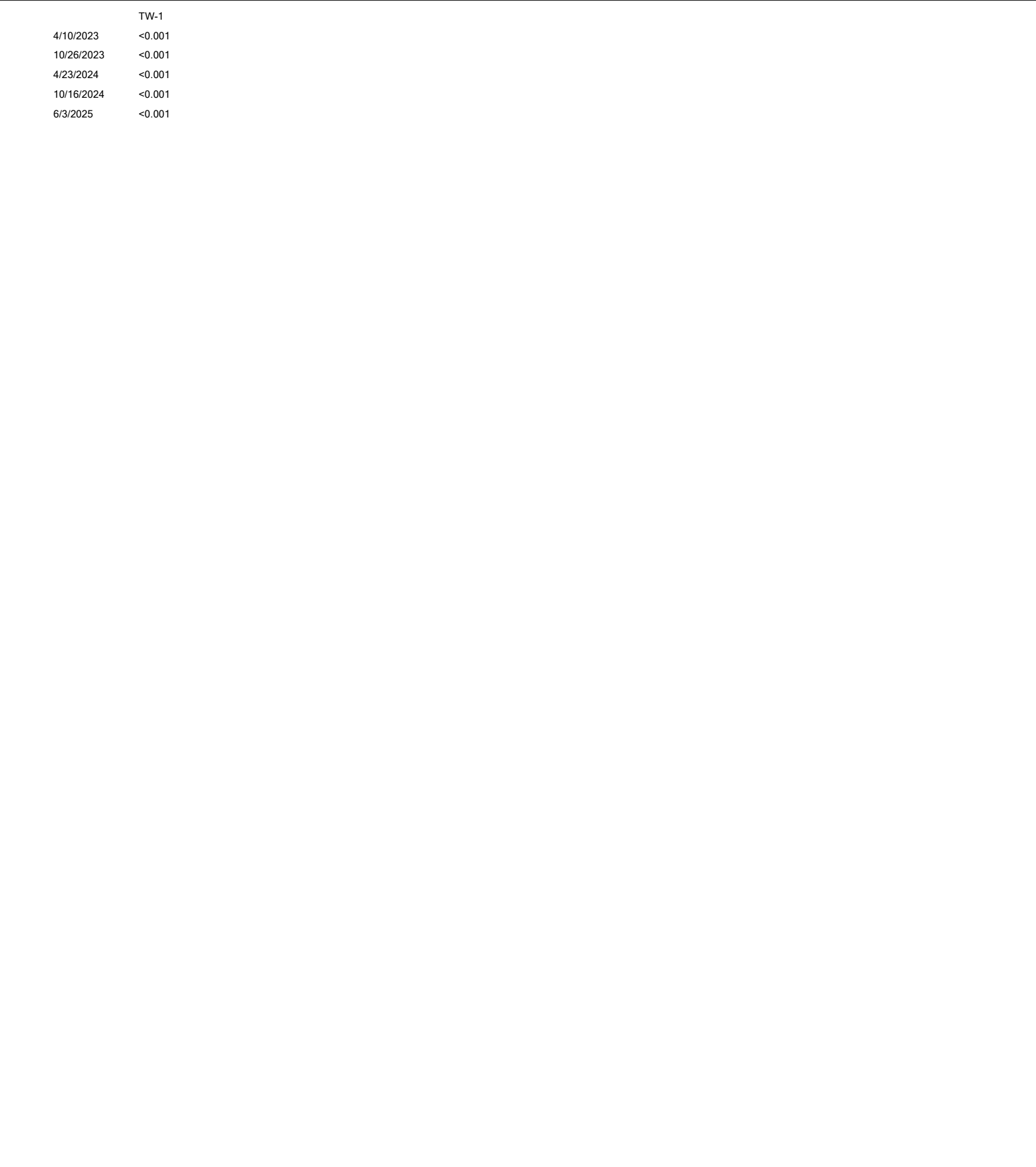


	TW-1
4/10/2023	<0.125
10/26/2023	<0.125
4/23/2024	0.161
10/16/2024	<0.125
6/3/2025	0.223

ND substitution: RL or RL/2 if <15% NDs.

Time Series

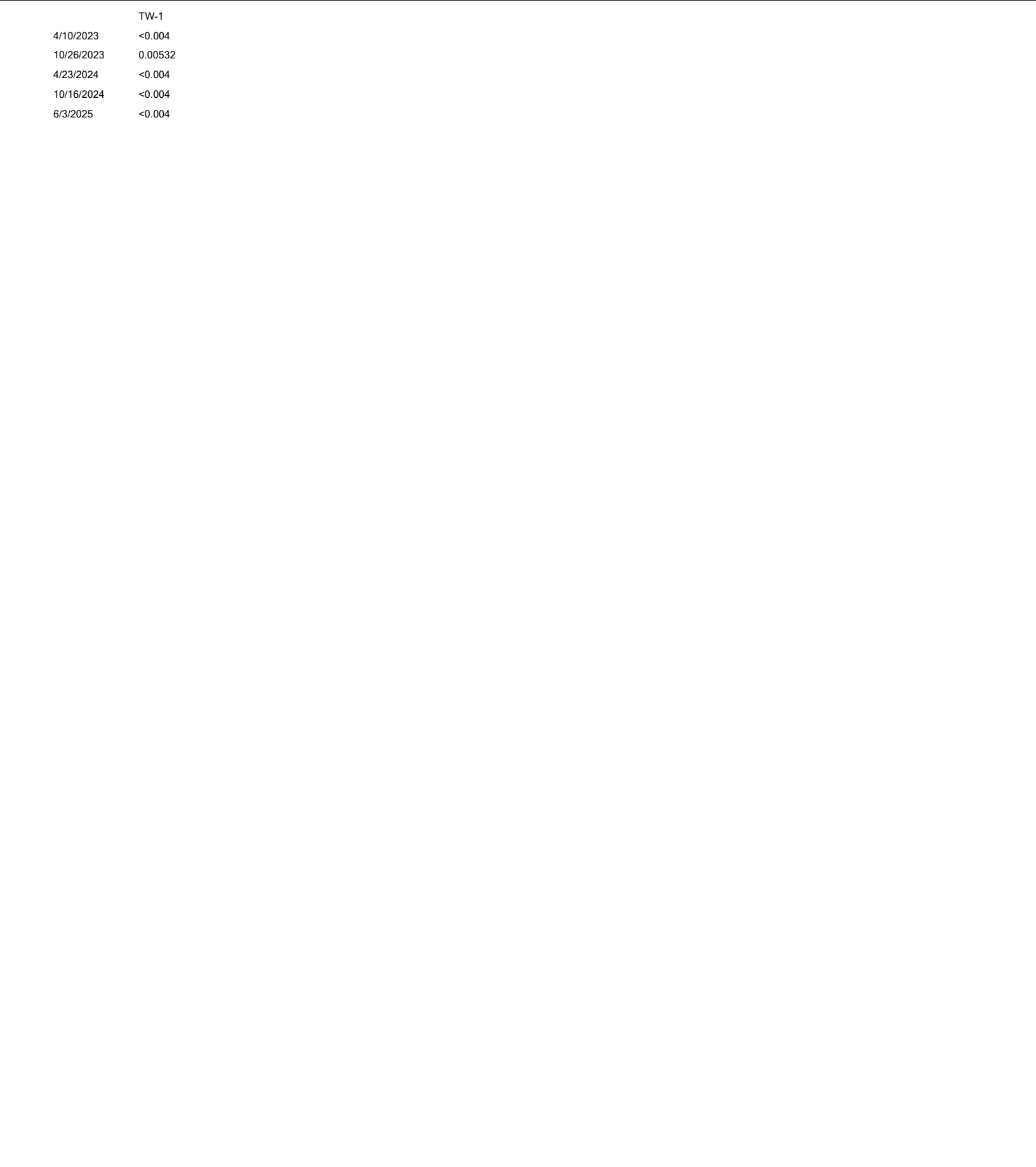
Constituent: Lead (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	<0.001
10/26/2023	<0.001
4/23/2024	<0.001
10/16/2024	<0.001
6/3/2025	<0.001

Time Series

Constituent: Lithium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



TW-1

4/10/2023	<0.004
10/26/2023	0.00532
4/23/2024	<0.004
10/16/2024	<0.004
6/3/2025	<0.004

Time Series

Constituent: Mercury (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	<0.0002
10/26/2023	<0.0002
4/23/2024	<0.0002
10/16/2024	<0.0002
6/3/2025	<0.0002

ND substitution: RL or RL/2 if <15% NDs.

Time Series

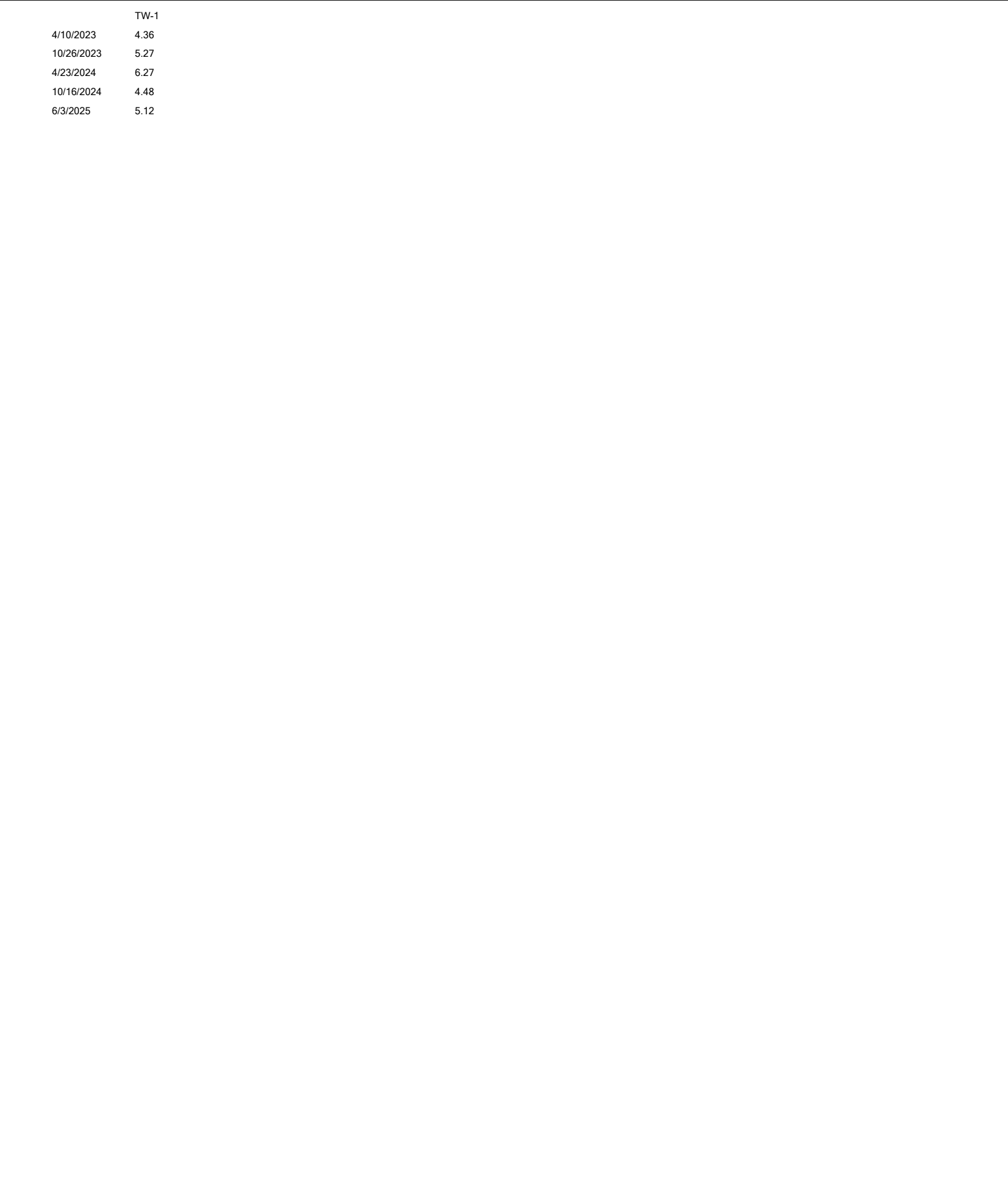
Constituent: Molybdenum (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	<0.01
10/26/2023	<0.01
4/23/2024	<0.01
10/16/2024	<0.01
6/3/2025	0.001

Time Series

Constituent: pH (SU) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	4.36
10/26/2023	5.27
4/23/2024	6.27
10/16/2024	4.48
6/3/2025	5.12

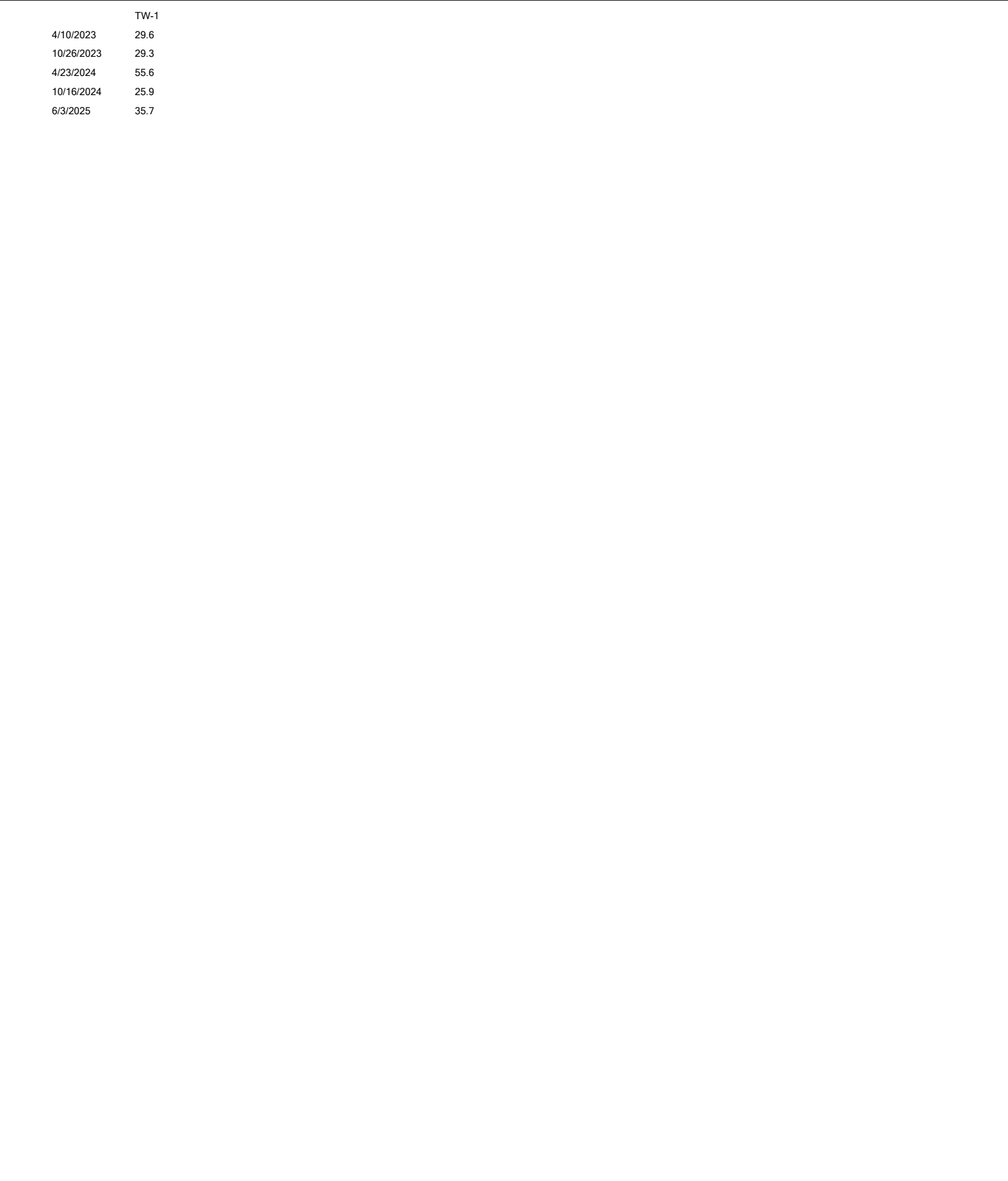
Time Series

Constituent: Selenium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	<0.001
10/26/2023	<0.001
4/23/2024	<0.001
10/16/2024	<0.001
6/3/2025	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



	TW-1
4/10/2023	29.6
10/26/2023	29.3
4/23/2024	55.6
10/16/2024	25.9
6/3/2025	35.7

Time Series

Constituent: Thallium (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	<0.001
10/26/2023	<0.001
4/23/2024	<0.001
10/16/2024	<0.001
12/11/2024	<0.001
6/3/2025	<0.001

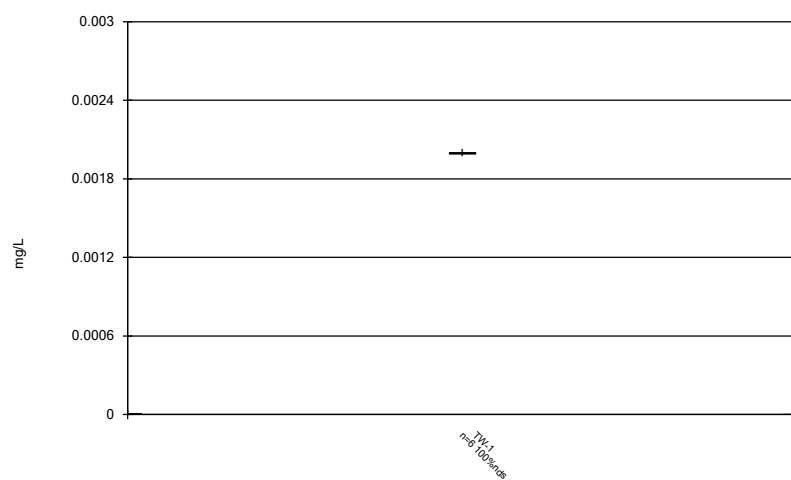
Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

		TW-1
10/26/2023		96
4/23/2024		186
10/16/2024		62
6/3/2025		100

FIGURE B.

Box & Whiskers Plot



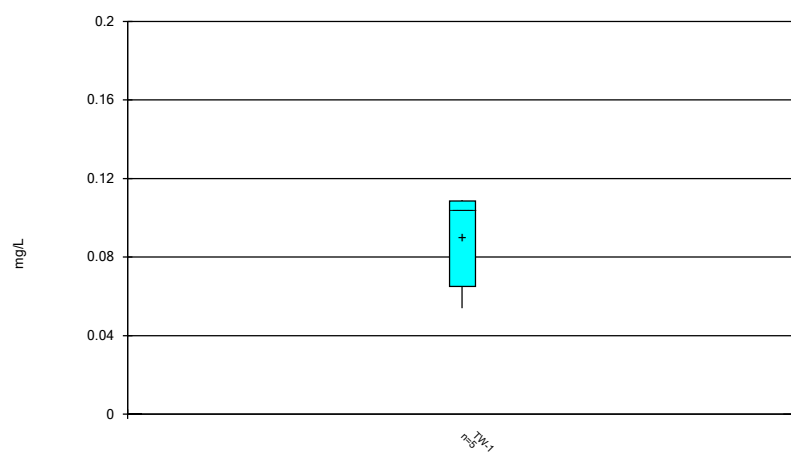
Constituent: Antimony Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



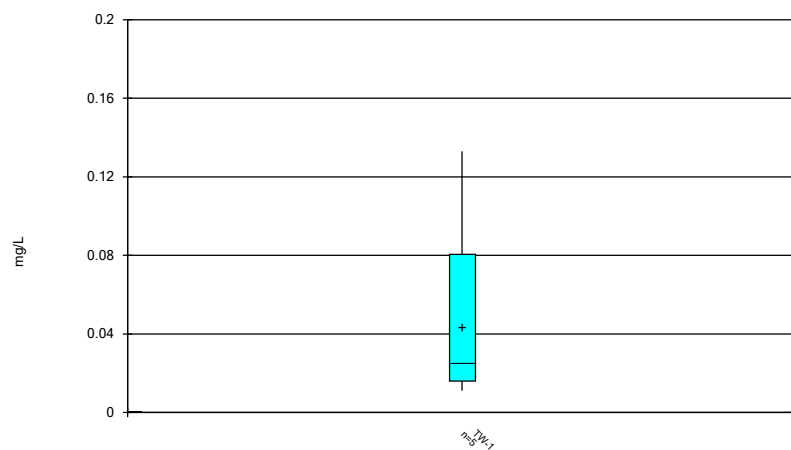
Constituent: Barium Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 7/24/2025 2:08 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



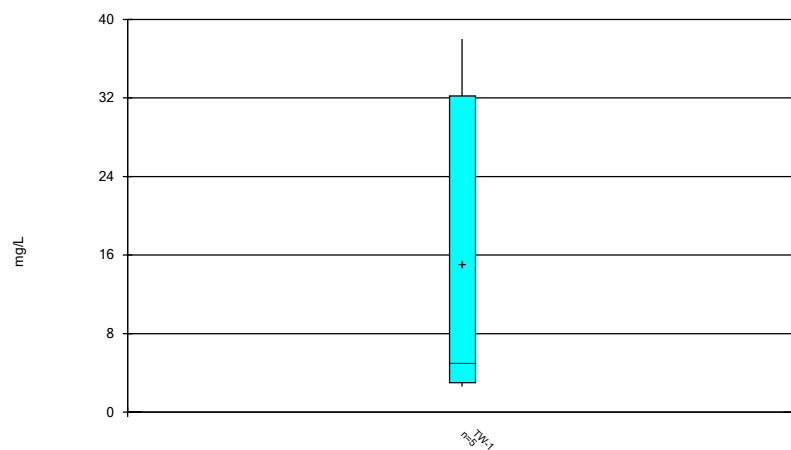
Constituent: Boron Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



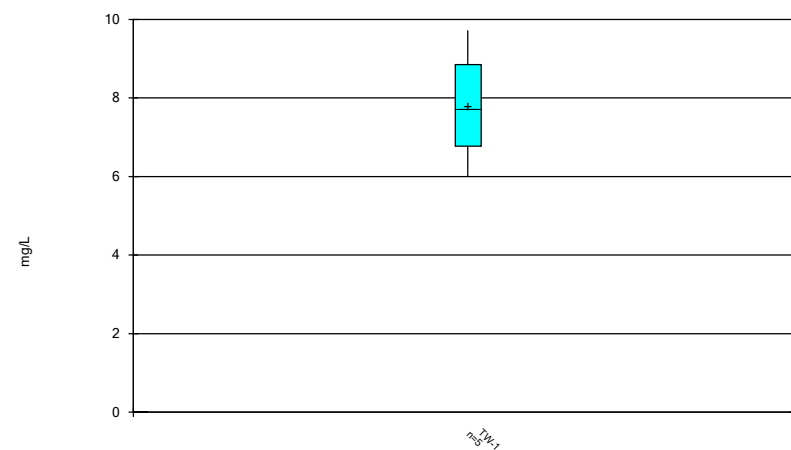
Constituent: Cadmium Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



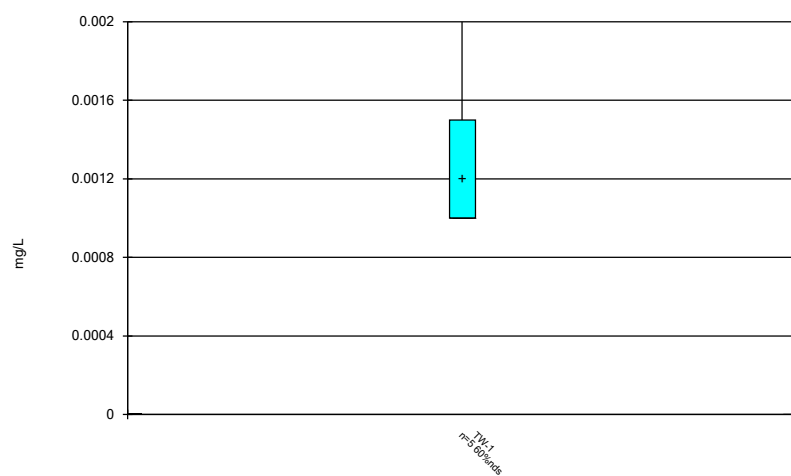
Constituent: Calcium Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



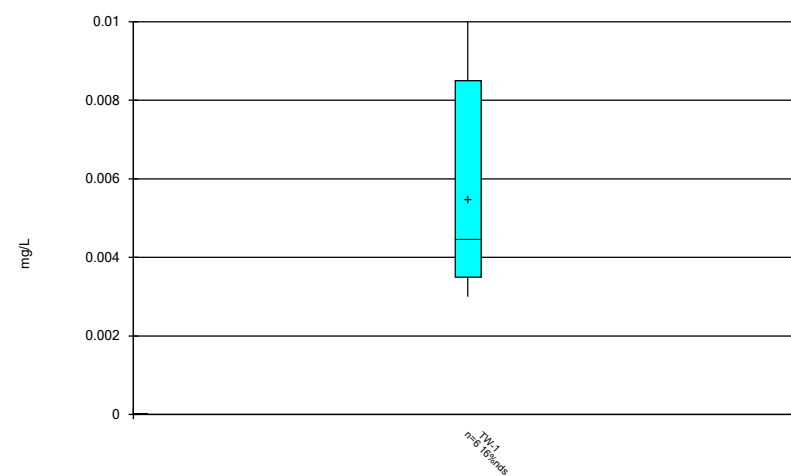
Constituent: Chloride Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



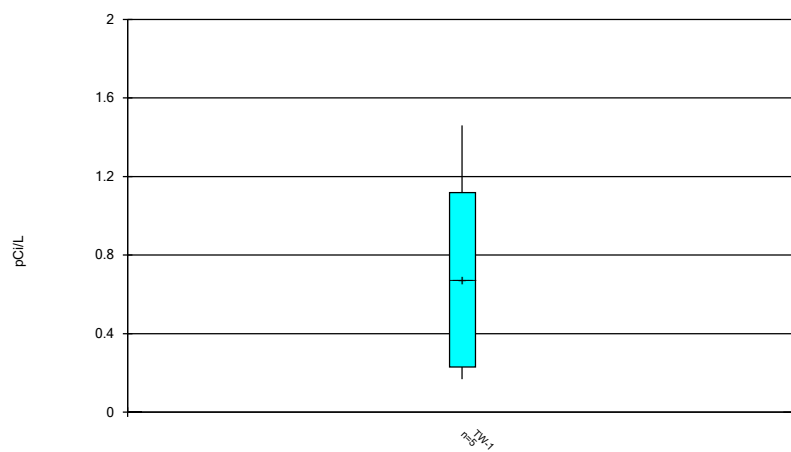
Constituent: Chromium Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



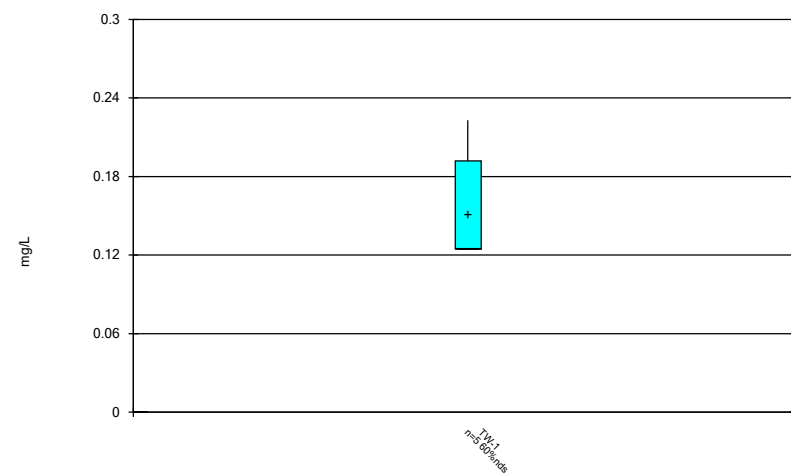
Constituent: Cobalt Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



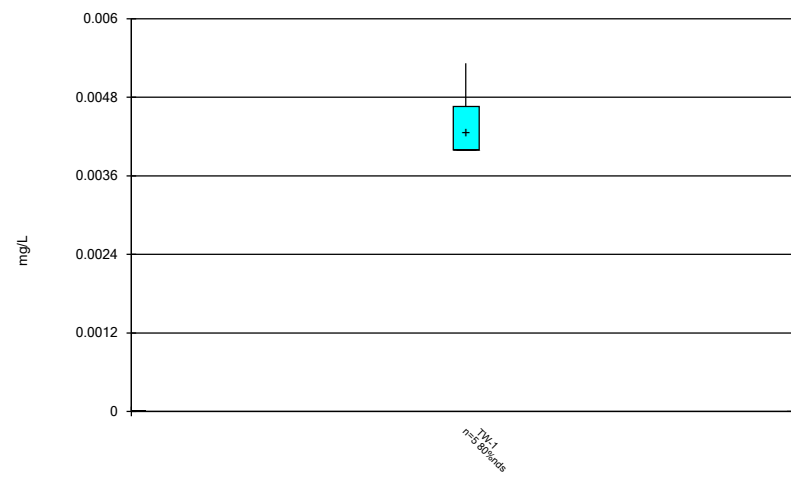
Constituent: Fluoride Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



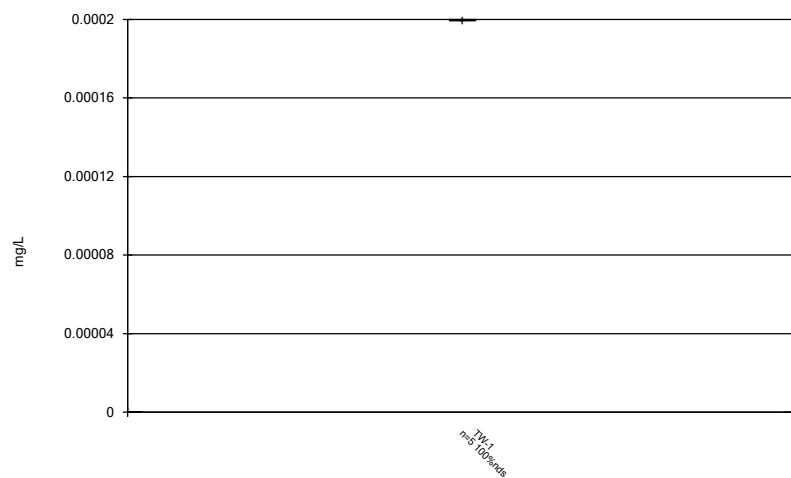
Constituent: Lead Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



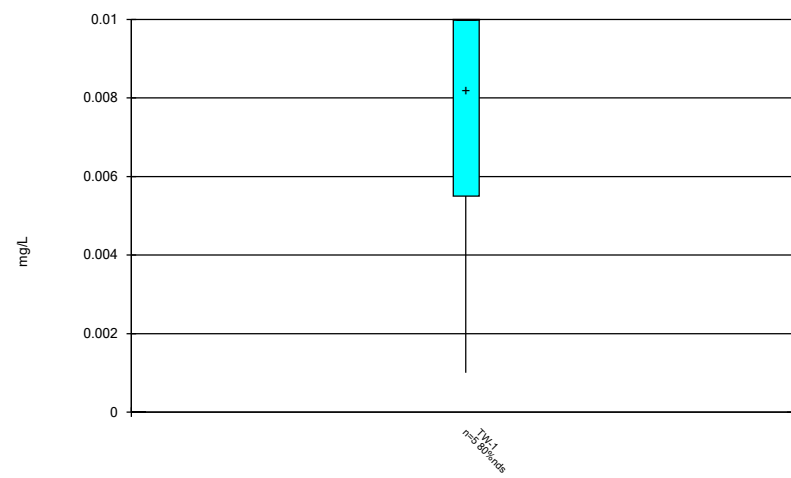
Constituent: Lithium Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



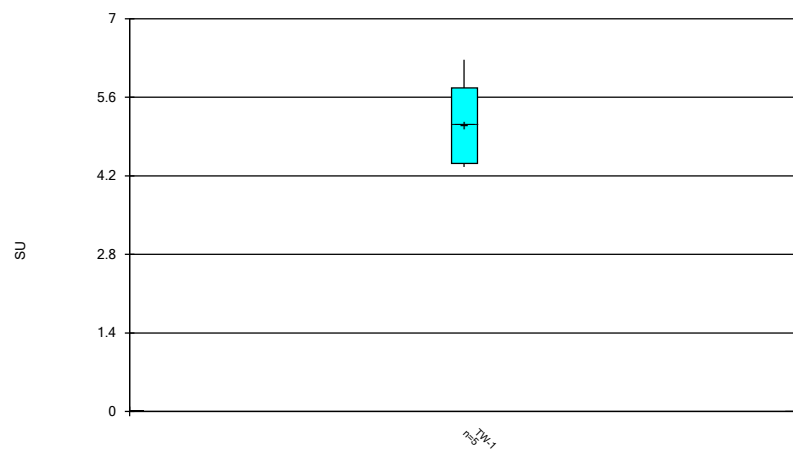
Constituent: Mercury Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



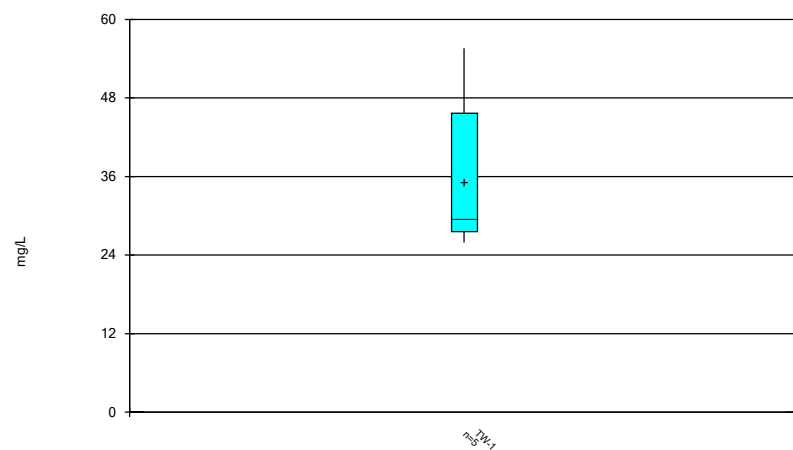
Constituent: pH Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Selenium Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



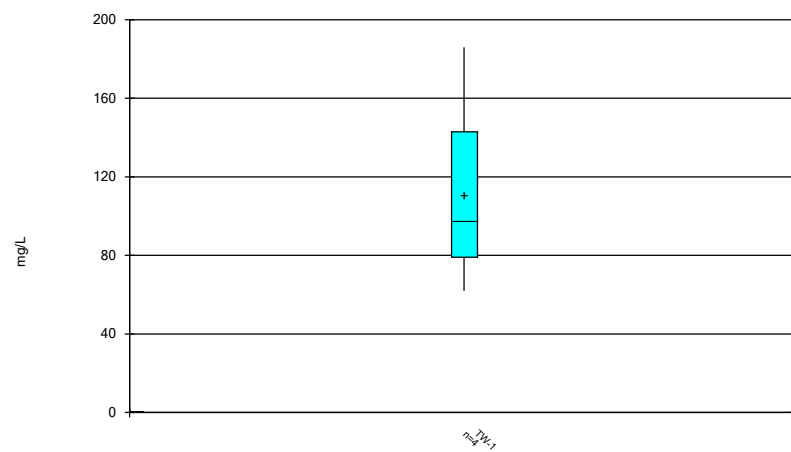
Constituent: Sulfate Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Thallium Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Box & Whiskers Plot



Constituent: Total Dissolved Solids Analysis Run 7/24/2025 2:09 PM View: Descriptive
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

FIGURE C.

Outlier Summary

Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1 Printed 7/24/2025, 2:10 PM

No values were flagged as outliers.

FIGURE D.

LOWMAN POWER PLANT GWPS			
Analyte	Units	Background	GWPS
Antimony	mg/L	0.001	0.006
Arsenic	mg/L	0.0031	0.01
Barium	mg/L	0.15	2
Beryllium	mg/L	0.001	0.004
Cadmium	mg/L	0.001	0.005
Chromium	mg/L	0.001	0.1
Cobalt	mg/L	0.013	0.013
Combined Radium-226/228	pCi/L	1.49	5
Fluoride	mg/L	0.16	4
Lead	mg/L	0.001	0.015
Lithium	mg/L	0.004	0.04
Mercury	mg/L	0.0002	0.002
Molybdenum	mg/L	0.001	0.1
Selenium	mg/L	0.001	0.05
Thallium	mg/L	0.001	0.002

Notes:

1. mg/L - Milligrams per liter

2. pCi/L - Picocuries per liter

3. The background limits were used as the groundwater protection standard (GWPS) when appropriate under 40 CFR §257.95(h), ADEM Rule 335-13-15-.06(h), and the ADEM Variance.

4. GWPS established during second semi-annual sampling event in 2023.

FIGURE E.

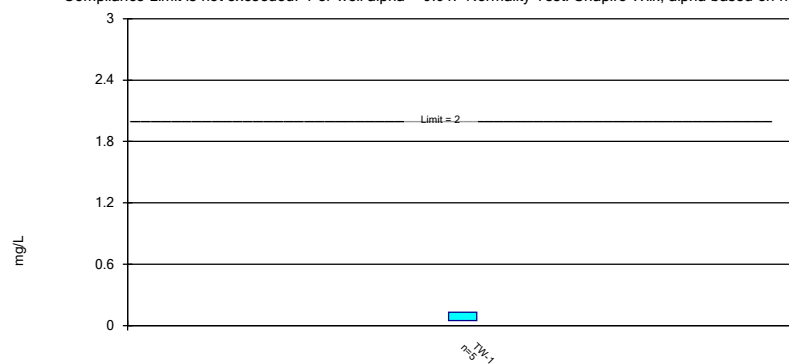
Confidence Intervals - All Results (No Significant)

Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1 Printed 7/28/2025, 9:31 AM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Lower Lim.</u>	<u>Compliance</u>	<u>Sig.</u>	<u>N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Barium (mg/L)	TW-1	0.131	0.04939	2	No	5	0	No	0.01	Param.
Chromium (mg/L)	TW-1	0.002	0.001	0.1	No	5	60	No	0.031	NP (NDs)
Cobalt (mg/L)	TW-1	0.006456	0.002344	0.013	No	6	16.67	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	TW-1	1.46	0.168	5	No	5	0	No	0.031	NP (selected)
Fluoride (mg/L)	TW-1	0.223	0.125	4	No	5	60	No	0.031	NP (NDs)
Lithium (mg/L)	TW-1	0.00532	0.004	0.04	No	5	80	No	0.031	NP (NDs)
Molybdenum (mg/L)	TW-1	0.01	0.001	0.1	No	5	80	No	0.031	NP (NDs)

Parametric Confidence Interval

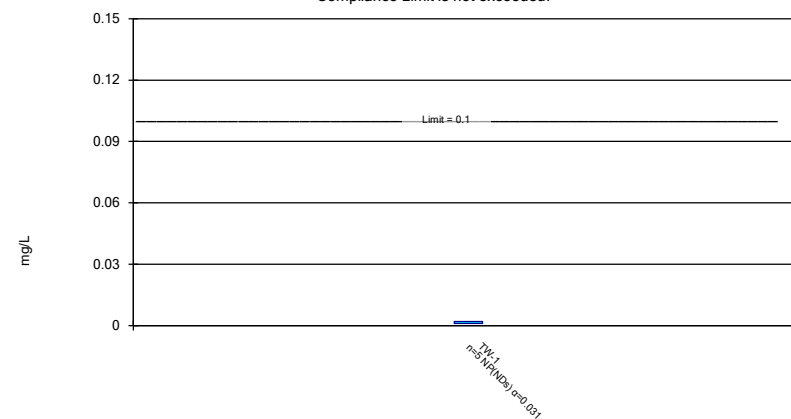
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 7/28/2025 9:26 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Non-Parametric Confidence Interval

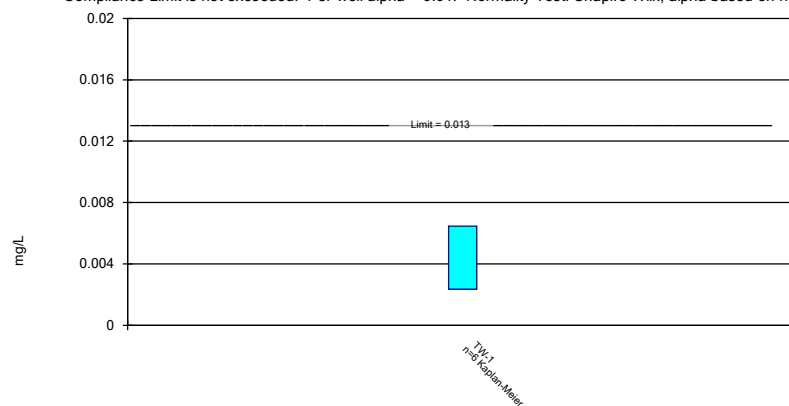
Compliance Limit is not exceeded.



Constituent: Chromium Analysis Run 7/28/2025 9:26 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Parametric Confidence Interval

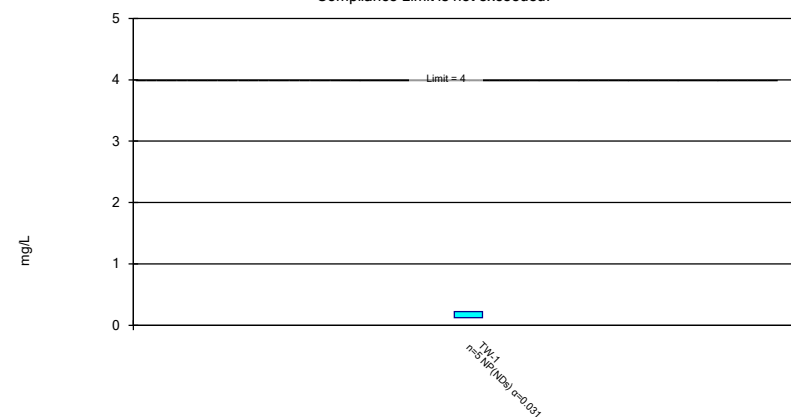
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



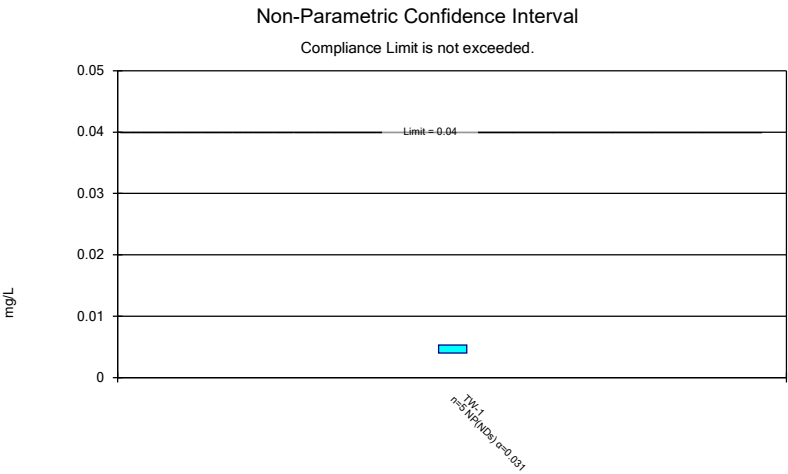
Constituent: Cobalt Analysis Run 7/28/2025 9:26 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

Non-Parametric Confidence Interval

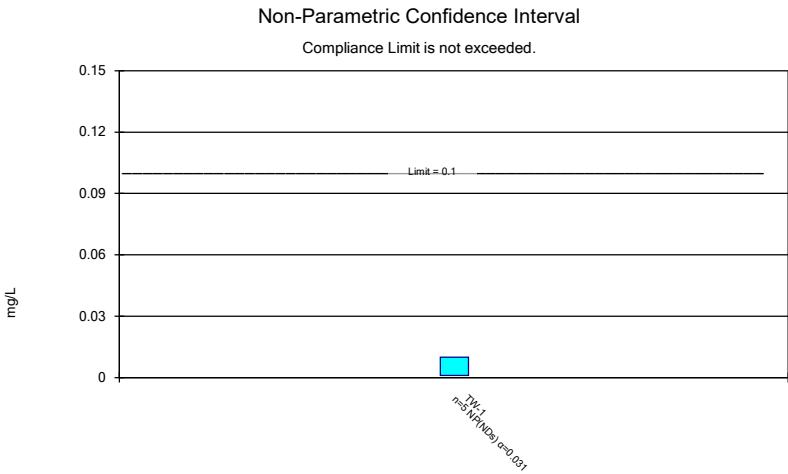
Compliance Limit is not exceeded.



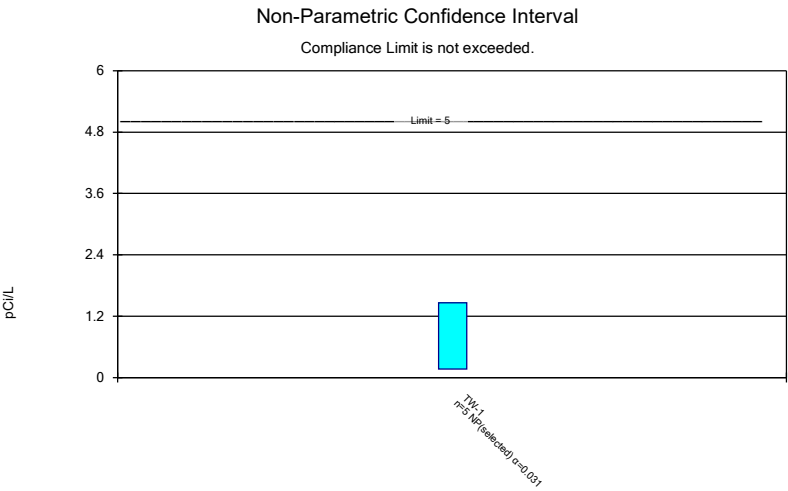
Constituent: Fluoride Analysis Run 7/28/2025 9:26 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



Constituent: Lithium Analysis Run 7/28/2025 9:26 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



Constituent: Molybdenum Analysis Run 7/28/2025 9:26 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1



Normality testing disabled.

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	0.104
10/26/2023	0.108
4/23/2024	0.076
10/16/2024	0.109
6/3/2025	0.054
Mean	0.0902
Std. Dev.	0.02436
Upper Lim.	0.131
Lower Lim.	0.04939

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	0.001
10/26/2023	<0.001
4/23/2024	0.002
10/16/2024	<0.001
6/3/2025	<0.001
Mean	0.0012
Std. Dev.	0.0004472
Upper Lim.	0.002
Lower Lim.	0.001

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	0.005
10/26/2023	0.004
4/23/2024	0.004
10/16/2024	<0.01
12/11/2024	0.007
6/3/2025	0.003
Mean	0.0055
Std. Dev.	0.002588
Upper Lim.	0.006456
Lower Lim.	0.002344

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	<0.125
10/26/2023	<0.125
4/23/2024	0.161
10/16/2024	<0.125
6/3/2025	0.223
Mean	0.1518
Std. Dev.	0.04275
Upper Lim.	0.223
Lower Lim.	0.125

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	<0.004
10/26/2023	0.00532
4/23/2024	<0.004
10/16/2024	<0.004
6/3/2025	<0.004
Mean	0.004264
Std. Dev.	0.0005903
Upper Lim.	0.00532
Lower Lim.	0.004

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	<0.01
10/26/2023	<0.01
4/23/2024	<0.01
10/16/2024	<0.01
6/3/2025	0.001
Mean	0.0082
Std. Dev.	0.004025
Upper Lim.	0.01
Lower Lim.	0.001

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 7/28/2025 9:31 AM View: AIV - Confidence Intervals (NP)
Lowman Power Plant Client: Three Notch Group Data: Lowman TW-1

	TW-1
4/10/2023	1.46 (U)
10/26/2023	0.673 (U)
4/23/2024	0.291 (U)
10/16/2024	0.776 (U)
6/3/2025	0.168
Mean	0.6736
Std. Dev.	0.5077
Upper Lim.	1.46
Lower Lim.	0.168

6/27/2025

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL, 36420

Ref: Analytical Testing
Lab Report Number: 25-155-0002
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Dear Mr. Alan Barck:

Waypoint Analytical, LLC (Andalusia) received sample(s) on 6/4/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

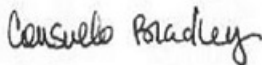
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Consuelo C Bradley

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	SC #84002
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #80215	PA DEP #68-03195

Sample Summary Table

Report Number: 25-155-0002
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
98689	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	6020A	505
98689	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	6020B	WP MTN
98689	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	7470A	WP MTN
98689	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	9056A	WP MTN
98689	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	2540C-2011	WP MTN

505 : Test America Laboratory - PA, Pittsburgh, PA

503 WP MTN - Memphis, TN: Waypoint Analytical - TN, Memphis, TN

00001

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL 36420

Project CDG
Information : PowerSouth Lowman
Project# R021224007

Report Date : 06/27/2025
Received : 06/04/2025

Consuelo Bradley

Report Number : **25-155-0002**

REPORT OF ANALYSIS

Consuelo C Bradley

Lab No : **98689**

Matrix: **Aqueous**

Sample ID : **TW-1**

Sampled: **6/3/2025 11:20**

Test	Results	Units	MQL	DF	Date / Time Analyzed	By	Analytical Method
Sulfate	35.7	mg/L	1.00	1	06/06/25 21:38	HMQ	9056A
Chloride	7.98	mg/L	0.400	1	06/06/25 21:38	HMQ	9056A
Fluoride (w/o distillation)	0.223	mg/L	0.125	1	06/06/25 21:38	HMQ	9056A
Total Dissolved Solids	100	mg/L	50.0	1	06/09/25 10:15	CAH	2540C-2011
Antimony	<0.0020	mg/L	0.0020	1	06/17/25 01:23	JTR	6020B
Arsenic	<0.0010	mg/L	0.0010	1	06/17/25 01:23	JTR	6020B
Barium	0.054	mg/L	0.001	1	06/17/25 01:23	JTR	6020B
Beryllium	<0.0010	mg/L	0.0010	1	06/17/25 01:23	JTR	6020B
Boron	0.025	mg/L	0.010	1	06/17/25 01:23	JTR	6020B
Cadmium	<0.0010	mg/L	0.0010	1	06/17/25 01:23	JTR	6020B
Calcium	26.4	mg/L	0.200	1	06/17/25 01:23	JTR	6020B
Chromium	<0.002	mg/L	0.002	1	06/17/25 01:23	JTR	6020B
Cobalt	0.003	mg/L	0.001	1	06/17/25 01:23	JTR	6020B
Lead	<0.0010	mg/L	0.0010	1	06/17/25 01:23	JTR	6020B
Mercury	<0.00020	mg/L	0.00020	1	06/11/25 15:45	JW2	7470A
Molybdenum	0.001	mg/L	0.001	1	06/17/25 01:23	JTR	6020B
Selenium	<0.001	mg/L	0.001	1	06/17/25 01:23	JTR	6020B
Thallium	<0.0010	mg/L	0.0010	1	06/17/25 01:23	JTR	6020B

Qualifiers/ Definitions

DF

Dilution Factor

MQL

Method Quantitation Limit

ANALYTICAL REPORT

PREPARED FOR

Attn: Consuelo Bradley
Waypoint Analytical, Inc.
107A Northside Office Park Drive
Andalusia, Alabama 36421

Generated 6/24/2025 6:58:58 PM

JOB DESCRIPTION

25-155-0002

JOB NUMBER

180-191766-1

Eurofins Pittsburgh

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

PA Lab ID: 02-00416

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Pittsburgh Project Manager.

Authorization



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6/24/2025 6:58:58 PM

Authorized for release by
Andy Johnson, Senior Project Manager
Andy.Johnson@et.eurofinsus.com
(615)818-9567

Table of Contents

Cover Page	1
Table of Contents	3
Case Narrative	4
Definitions/Glossary	5
Certification Summary	6
Sample Summary	7
Method Summary	8
Lab Chronicle	9
Client Sample Results	10
QC Sample Results	11
QC Association Summary	12
Chain of Custody	13
Receipt Checklists	15



Case Narrative

Client: Waypoint Analytical, Inc.
Project: 25-155-0002

Job ID: 180-191766-1

Job ID: 180-191766-1

Eurofins Pittsburgh

Job Narrative 180-191766-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/13/2025 9:00 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 19.6°C.

Metals

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

Eurofins Pittsburgh



Definitions/Glossary

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

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

Accreditation/Certification Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Laboratory: Eurofins Buffalo

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00686	07-06-25
Connecticut	State	PH-0807	03-31-26
Georgia	State Program	N/A	03-31-09 *
Illinois	NELAP	200003	09-30-25
Iowa	State Program	374	03-01-09 *
Kansas	NELAP	E-10187	01-31-26
Kentucky (UST)	State	108092	04-01-25 *
Kentucky (WW)	State	KY90029	12-31-25
Maine	State	NY00044	04-21-27
Maryland	State	294	06-30-25
Massachusetts	State	M-NY044	06-30-25
Michigan	State	9937	10-11-25
Michigan	State Program	9937	04-01-09 *
New Hampshire	NELAP	2973	09-11-19 *
New Hampshire	NELAP	2337	11-17-25
New Jersey	NELAP	NY455	07-02-25
New York	NELAP	10026	03-31-26
Pennsylvania	NELAP	68-00281	08-31-25
Rhode Island	State	LAO00378	12-30-25
USDA	US Federal Programs	P330-18-00039	02-16-27
Virginia	NELAP	460185	09-14-25
Washington	State	C784	02-10-26
Wisconsin	State	998310390	08-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pittsburgh

Sample Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
180-191766-1	TW-1	Water	06/03/25 11:20	06/13/25 09:00

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET BUF
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET BUF

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Lab Chronicle

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Client Sample ID: TW-1
Date Collected: 06/03/25 11:20
Date Received: 06/13/25 09:00

Lab Sample ID: 180-191766-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	749576	06/23/25 08:41	EMO	EET BUF
Total Recoverable	Analysis	6020B		1			749908	06/24/25 16:30	BMB	EET BUF
Instrument ID: Agilent7800										

Laboratory References:
EET BUF = Eurofins Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Analyst References:
Lab: EET BUF
Batch Type: Prep
EMO = Emily O'Brien
Batch Type: Analysis
BMB = Bryan Booth

Client Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Client Sample ID: TW-1
Date Collected: 06/03/25 11:20
Date Received: 06/13/25 09:00

Lab Sample ID: 180-191766-1
Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		06/23/25 08:41	06/24/25 16:30	1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

QC Sample Results

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 480-749576/1-A
Matrix: Water
Analysis Batch: 749908

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 749576

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.00400		mg/L		06/23/25 08:41	06/24/25 16:24	1

Lab Sample ID: LCS 480-749576/3-A
Matrix: Water
Analysis Batch: 749908

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 749576

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0200	0.02085		mg/L		104	80 - 120

QC Association Summary

Client: Waypoint Analytical, Inc.
Project/Site: 25-155-0002

Job ID: 180-191766-1

Metals

Prep Batch: 749576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-191766-1	TW-1	Total Recoverable	Water	3005A	
MB 480-749576/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 480-749576/3-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 749908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-191766-1	TW-1	Total Recoverable	Water	6020B	749576
MB 480-749576/1-A	Method Blank	Total Recoverable	Water	6020B	749576
LCS 480-749576/3-A	Lab Control Sample	Total Recoverable	Water	6020B	749576



107A Northside Office Park Drive, Andalusia, AL 36421
Main 334.343.9799
www.waypointanalytical.com

06/11/2025 13:42:06

Export Batch Report

Export Batch Id : 932EXP

Page 1 of 1

Created: 6/11/2025 13:41:52
Computer: WPALMS-172
User: Consuelo C Bradley
Project Manager: Consuelo C Bradley

To: Test America Laboratory - PA
301 Alpha Drive / RIDC Park
Pittsburgh, PA 152382907
412-963-7058

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Sample Date	Customer Sample No	Rush Matrix Lab No	Method No	Fee Code Description
25-155-0002	06/03/2025 11:20	TW-1	AQU	98689	SW-6020A (Test America)
					Lithium (by 6020 - sub to Test America in PA)



180-191766 Chain of Custody

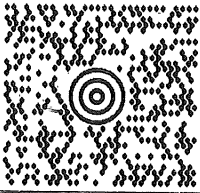
Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Relinquished By (sign)	Consuelo Bradley	Date / Time	06/11/25 01500
Received By (sign)	Consuelo Bradley	Date / Time	06/13/25 0900
Relinquished By (sign)		Date / Time	

ONSUELO BRADLEY
334) 343-9799
WAYPOINT ANALYTICAL - ALABAMA
107A NORTHSIDE OFFICE PARK DRI
ANDALUSIA AL 36421

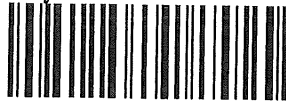
5 LB 8

1 OF 1

SHIP TO:
SAMPLE RECEIVING
(412) 963-7058
TEST AMERICA LABORATORY - PA
RIDC PARK
301 ALPHA DRIVE
PITTSBURGH PA 15238-2907



PA 152 9-22



UPS NEXT DAY AIR

TRACKING #: 1Z 9X0 Y85 01 4400 8885

1

Uncorrected temp 20.3°C
Thermometer ID 25
Initials GR
F -0.7

BILLING: P/P

TEST AMERICA LABORATORY - PA
301 ALPHA DR

PITTSBURGH PA 15238

P: PURPLE S: MR

BLAW - 1316

1Z9X0Y85014400

8885

LCPBSUH

US 1522

UNLOADROLL

HIP 25.3.2

27411R

JUN 13 06:25:12 2025

RUNOUT



1Z9X0Y850144008885

POSTAL 15238
MOVEMENT UPS1152
GATEWAY PIT
SERVICE 1
PIT SDMX

TAIL 255AB
RAMP 11P45
EST DEP 04:02
WEIGHT LBS

04:02



180-191766 Waybill

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-191766-1

Login Number: 191766

List Source: Eurofins Pittsburgh

List Number: 1

Creator: Abernathy, Eric L

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
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.	False	Thermal preservation not required.
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Waypoint Analytical, Inc.

Job Number: 180-191766-1

Login Number: 191766

List Number: 2

Creator: Kolb, Chris M

List Source: Eurofins Buffalo

List Creation: 06/18/25 11:13 AM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is 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	2.2 ir gun #sc ice
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 sample IDs on the containers 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	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	True	

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-155-0002

QC Analytical Batch: L821289
Analysis Method: 2540C-2011
Analysis Description: Total Dissolved Solids

Lab Reagent Blank LRB Matrix: AQU
Associated Lab Samples: 98689

Parameter	Units	Blank Result	MQL	Analyzed
Total Dissolved Solids	mg/L	<12.5	12.5	06/09/25 10:15

Laboratory Control Sample LCS

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Total Dissolved Solids	mg/L	250	234	94.0	90-110

Duplicate L 90222-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Total Dissolved Solids	mg/L	<12.5	<12.5	0.0	10	06/09/25 10:15

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-155-0002

QC Prep:	L821983	QC Analytical Batch(es):	L823127
QC Prep Batch Method:	3005A	Analysis Method:	6020B
		Analysis Description:	Metals Analyses

Lab Reagent Blank LRB-L821983 Matrix: AQU
Associated Lab Samples: 98689

Parameter	Units	Blank Result	MQL	Analyzed
Antimony	mg/L	<0.0020	0.0020	06/16/25 23:37
Arsenic	mg/L	<0.0010	0.0010	06/16/25 23:37
Barium	mg/L	<0.001	0.001	06/16/25 23:37
Beryllium	mg/L	<0.0010	0.0010	06/16/25 23:37
Boron	mg/L	<0.010	0.010	06/16/25 23:37
Cadmium	mg/L	<0.0010	0.0010	06/16/25 23:37
Calcium	mg/L	<0.200	0.200	06/16/25 23:37
Chromium	mg/L	<0.002	0.002	06/16/25 23:37
Cobalt	mg/L	<0.001	0.001	06/16/25 23:37
Lead	mg/L	<0.0010	0.0010	06/16/25 23:37
Molybdenum	mg/L	<0.001	0.001	06/16/25 23:37
Selenium	mg/L	<0.001	0.001	06/16/25 23:37
Thallium	mg/L	<0.0010	0.0010	06/16/25 23:37

Laboratory Control Sample LCS-L821983

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Antimony	mg/L	0.100	0.105	105	80-120
Arsenic	mg/L	0.0500	0.0463	93.0	80-120
Barium	mg/L	0.100	0.095	96.0	80-120
Beryllium	mg/L	0.0500	0.0491	98.0	80-120
Boron	mg/L	0.500	0.515	103	80-120
Cadmium	mg/L	0.0100	0.0100	100	80-120
Calcium	mg/L	10.0	9.70	97.0	80-120
Chromium	mg/L	0.100	0.093	94.0	80-120
Cobalt	mg/L	0.100	0.096	96.0	80-120
Lead	mg/L	0.0500	0.0512	102	80-120

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-155-0002

QC Prep:	L821983	QC Analytical Batch(es):	L823127
QC Prep Batch Method:	3005A	Analysis Method:	6020B
		Analysis Description:	Metals Analyses

Laboratory Control Sample LCS-L821983

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Molybdenum	mg/L	0.100	0.096	97.0	80-120
Selenium	mg/L	0.100	0.098	98.0	80-120
Thallium	mg/L	0.0100	0.0099	100	80-120

Matrix Spike & Matrix Spike Duplicate N 98689-MS-L821983 N 98689-MSD-L821983

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Antimony	mg/L	<0.0020	0.100	0.100	0.107	0.109	107	109	75-125	1.8	20
Arsenic	mg/L	<0.0010	0.0500	0.0500	0.0488	0.0496	98.0	99.0	75-125	1.6	20
Barium	mg/L	0.054	0.100	0.100	0.155	0.158	101	104	75-125	1.9	20
Beryllium	mg/L	<0.0010	0.0500	0.0500	0.0503	0.0486	101	97.0	75-125	3.4	20
Boron	mg/L	0.025	0.500	0.500	0.532	0.526	101	100	75-125	1.1	20
Cadmium	mg/L	<0.0010	0.0100	0.0100	0.0099	0.0099	100	99.0	75-125	0.4	20
Calcium	mg/L	26.4	10.0	10.0	38.5	37.6	121	112	75-125	2.3	20
Chromium	mg/L	<0.002	0.100	0.100	0.097	0.096	98.0	97.0	75-125	1.0	20
Cobalt	mg/L	0.003	0.100	0.100	0.098	0.099	95.0	96.0	75-125	0.9	20
Lead	mg/L	<0.0010	0.0500	0.0500	0.0487	0.0494	97.0	99.0	75-125	1.4	20
Molybdenum	mg/L	0.001	0.100	0.100	0.098	0.101	97.0	100	75-125	2.8	20
Selenium	mg/L	<0.001	0.100	0.100	0.100	0.101	100	101	75-125	0.9	20
Thallium	mg/L	<0.0010	0.0100	0.0100	0.0096	0.0099	97.0	100	75-125	2.7	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-155-0002

QC Prep:	L821855	QC Analytical Batch(es):	L822017
QC Prep Batch Method:	7470A	Analysis Method:	7470A
		Analysis Description:	Total Aqueous Mercury Analysis - CVAA

Lab Reagent Blank LRB-L821855 Matrix: AQU
Associated Lab Samples: 98689

Parameter	Units	Blank Result	MQL	Analyzed
Mercury	mg/L	<0.00020	0.00020	06/11/25 15:36

Laboratory Control Sample LCS-L821855

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Mercury	mg/L	0.00400	0.00380	95.0	80-120

Matrix Spike & Matrix Spike Duplicate N 98689-MS-L821855 N 98689-MSD-L821855

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Mercury	mg/L	<0.00020	0.00400	0.00400	0.00399	0.00386	100	97.0	80-120	3.3	20

Quality Control Data

Client ID: Three Notch Group
Project Description: CDG
Report No: 25-155-0002

QC Prep: L821153	QC Analytical Batch(es): L821413
QC Prep Batch Method: SW-9056A (PREP)	Analysis Method: 9056A
	Analysis Description: Anions by Ion Chromatography

Lab Reagent Blank LRB-L821153 Matrix: AQU
Associated Lab Samples: 98689

Parameter	Units	Blank Result	MQL	Analyzed
Chloride	mg/L	<0.400	0.400	06/06/25 07:54
Fluoride (w/o distillation)	mg/L	<0.125	0.125	06/06/25 07:54
Sulfate	mg/L	<1.00	1.00	06/06/25 07:54

Laboratory Control Sample & LCSD LCS-L821153 LCSD-L821153

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Chloride	mg/L	50.0	50.2	50.5	100	101	80-120	0.5	20
Fluoride (w/o distillation)	mg/L	6.25	6.49	6.53	104	104	80-120	0.6	20
Sulfate	mg/L	62.5	62.8	62.7	100	100	80-120	0.1	20

Matrix Spike & Matrix Spike Duplicate L 89950-MS-L821153 L 89950-MSD-L821153

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Chloride	mg/L	29.8	26.3	26.3	59.3	58.3	112	108	80-120	1.7	15
Fluoride (w/o distillation)	mg/L	0.259	3.29	3.29	3.84	3.67	109	104	80-120	4.5	15
Sulfate	mg/L	90.4	32.9	32.9	124	122	102	96.0	80-120	1.6	15

Shipment Receipt Form

Customer Number: **00001**

Customer Name: **Three Notch Group**

Report Number: **25-155-0002**

Shipping Method

☐ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☒ Client	☐ Courier	Thermometer ID:	

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:

Three Notch Group

Project Description
Auth #6 PowerSouth
Lowman

Project Number
4021224007

Waypoint
ANALYTICAL

2790 Whitten Road
Memphis, TN 38133
(901) 213-2400

Client Project Manager/Contact
Alan Borch

Project/Site Location (City/State)
Leroy, AL

Project Manager Phone #

Billing Information

RUSH - Additional charges apply
Special Detection Limit(s)
Date Results Needed

Method of Shipment
Fed Ex
Courier
Other

Matrix Key
WW - Wastewater
DW - Drinking Water
P - Product

For Laboratory Use Only

Site/Facility ID #

Purchase Order Number

Project Manager Email

Number of Containers

Matrix (Refer to Key)

(G)rab or (C)omposite

Sample Identification

Sample Identification

Sample Identification

Date

Time

Time

Comments/Notes

Comments/Notes

Comments/Notes

Client Remarks/Comments

Client Remarks/Comments

Client Remarks/Comments

Received by: (SIGNATURE)

Received by: (SIGNATURE)

Received by: (SIGNATURE)

Date

Time

Time

Date

Time

Time

Date

Time

Time

Page 26 of 26

7/3/2025

Three Notch Group
Mr. Alan Barck
P.O. Box 278
Andalusia, AL, 36420

Ref: Analytical Testing
Lab Report Number: 25-155-0001
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Dear Mr. Alan Barck:

Waypoint Analytical, LLC (Andalusia) received sample(s) on 6/4/2025 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method.

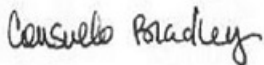
The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,



Consuelo C Bradley

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.

Alabama #40750	Louisiana #04015	VA NELAP #460181	Texas #T104704180	Arkansas #88-0650
Mississippi	California #2904	NC #415	Oklahoma #9311	SC #84002
Kentucky #90047	Tennessee #TN02027	EPA #TN00012	Kentucky UST #80215	PA DEP #68-03195



Sample Summary Table

Report Number: 25-155-0001
Client Project Description: CDG
PowerSouth Lowman
Project# R021224007

Lab No	Client Sample ID	Matrix	Date Collected	Date Received	Method	Lab ID
98688	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	EPA-904.0	413
98688	TW-1	Aqueous	06/03/2025 11:20	06/04/2025 08:00	EPA-903.1	413



June 30, 2025

Ms. Consuelo Bradley
Waypoint Analytical LLC-AL
107A Northside Office Park Dr.
Andalusia, AL 36421

RE: Project: 25-155-0001
Pace Project No.: 30787606

Dear Ms. Bradley:

Enclosed are the analytical results for sample(s) received by the laboratory on June 13, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Greensburg

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Nikayla M. Yasurek

Nikayla M. Yasurek
nikayla.yasurek@pacelabs.com
(724)850-5600
Project Manager

Enclosures

cc: Ms. Kim Stricklan, Waypoint Analytical LLC-AL



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 25-155-0001

Pace Project No.: 30787606

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

ANABISO/IEC 17025:2017 Rad Cert#: L24170

Alabama Certification #: 41590

Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 2950

Colorado Certification #: PA01547

Connecticut Certification #: PH-0694

EPA Region 4 DW Rad

Florida/TNI Certification #: E87683

Georgia Certification #: C040

Guam Certification

Hawaii Certification

Idaho Certification

Illinois Certification

Indiana Certification

Iowa Certification #: 391

Kansas Certification #: E-10358

Kentucky Certification #: KY90133

KY WW Permit #: KY0098221

KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA010

Louisiana DEQ/TNI Certification #: 04086

Maine Certification #: 2023021

Maryland Certification #: 308

Massachusetts Certification #: M-PA1457

Michigan/PADEP Certification #: 9991

Missouri Certification #: 235

Montana Certification #: Cert0082

Nebraska Certification #: NE-OS-29-14

Nevada Certification #: PA014572023-03

New Hampshire/TNI Certification #: 297622

New Jersey/TNI Certification #: PA051

New Mexico Certification #: PA01457

New York/TNI Certification #: 10888

North Carolina Certification #: 42706

North Dakota Certification #: R-190

Ohio EPA Rad Approval: #41249

Oregon/TNI Certification #: PA200002-015

Pennsylvania/TNI Certification #: 65-00282

Puerto Rico Certification #: PA01457

Rhode Island Certification #: 65-00282

South Dakota Certification

Tennessee Certification #: TN02867

Texas/TNI Certification #: T104704188-22-18

Utah/TNI Certification #: PA014572223-14

USDA Soil Permit #: 525-23-67-77263

Vermont Dept. of Health: ID# VT-0282

Virgin Island/PADEP Certification

Virginia/VELAP Certification #: 460198

Washington Certification #: C868

West Virginia DEP Certification #: 143

West Virginia DHHR Certification #: 9964C

Wisconsin Approve List for Rad

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: 25-155-0001

Pace Project No.: 30787606

Lab ID	Sample ID	Matrix	Date Collected	Date Received
30787606001	25-155-0001	Water	06/03/25 11:20	06/13/25 10:00

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: 25-155-0001

Pace Project No.: 30787606

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
30787606001	25-155-0001	EPA 903.1	TMY	1	PASI-PA
		EPA 904.0	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 25-155-0001

Pace Project No.: 30787606

Method: EPA 903.1

Description: 903.1 Radium 226

Client: Waypoint Analytical LLC-AL

Date: June 30, 2025

General Information:

1 sample was analyzed for EPA 903.1 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 25-155-0001

Pace Project No.: 30787606

Method: EPA 904.0

Description: 904.0 Radium 228

Client: Waypoint Analytical LLC-AL

Date: June 30, 2025

General Information:

1 sample was analyzed for EPA 904.0 by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: 25-155-0001

Pace Project No.: 30787606

Method: Total Radium Calculation

Description: Total Radium 228+226

Client: Waypoint Analytical LLC-AL

Date: June 30, 2025

General Information:

1 sample was analyzed for Total Radium Calculation by Pace Analytical Services Greensburg. All samples were received in acceptable condition with any exceptions noted below or on the chain-of custody and/or the sample condition upon receipt form (SCUR) attached at the end of this report.

Hold Time:

The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:

All analytes were below the report limit in the method blank, where applicable, with any exceptions noted below.

Laboratory Control Spike:

All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: 25-155-0001

Pace Project No.: 30787606

Sample: 25-155-0001 **Lab ID: 30787606001** Collected: 06/03/25 11:20 Received: 06/13/25 10:00 Matrix: Water

PWS: Site ID: Sample Type:

Comments: • Upon receipt at the laboratory, 2.5 mls of nitric acid were added to the sample to meet the sample preservation requirement of pH<2 for radiochemistry analysis, where the method requires preservation, in ground water.

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
Pace Analytical Services - Greensburg						
Radium-226	EPA 903.1	-0.223 ± 0.673 (1.34) C:NA T:98%	pCi/L	06/27/25 17:08	13982-63-3	
Pace Analytical Services - Greensburg						
Radium-228	EPA 904.0	0.391 ± 0.370 (0.757) C:81% T:85%	pCi/L	06/26/25 14:57	15262-20-1	
Pace Analytical Services - Greensburg						
Total Radium	Total Radium Calculation	0.391 ± 1.04 (2.10)	pCi/L	06/30/25 15:09	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25-155-0001

Pace Project No.: 30787606

QC Batch: 752749

Analysis Method: EPA 904.0

QC Batch Method: EPA 904.0

Analysis Description: 904.0 Radium 228

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30787606001

METHOD BLANK: 3667616

Matrix: Water

Associated Lab Samples: 30787606001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.752 ± 0.432 (0.801) C:80% T:88%	pCi/L	06/26/25 11:46	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL - RADIOCHEMISTRY

Project: 25-155-0001

Pace Project No.: 30787606

QC Batch: 752747

Analysis Method: EPA 903.1

QC Batch Method: EPA 903.1

Analysis Description: 903.1 Radium-226

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 30787606001

METHOD BLANK: 3667613

Matrix: Water

Associated Lab Samples: 30787606001

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.216 ± 0.225 (0.318) C:NA T:94%	pCi/L	06/27/25 16:56	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: 25-155-0001
Pace Project No.: 30787606

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Reported results are not rounded until the final step prior to reporting. Therefore, calculated parameters that are typically reported as "Total" may vary slightly from the sum of the reported component parameters.

Act - Activity

Unc - Uncertainty: For Safe Drinking Water Act (SDWA) analyses, the reported Unc. is the calculated Count Uncertainty (95% confidence interval) using a coverage factor of 1.96. For all other matrices (non-SDWA), the reported Unc. is the calculated Expanded Uncertainty (aka Combined Standard Uncertainty, CSU), reported at the 95% confidence interval using a coverage factor of 1.96.

Gamma Spec: The Unc. reported for all gamma-spectroscopy analyses (EPA 901.1), is the calculated Expanded Uncertainty (CSU) at the 95.4% confidence interval, using a coverage factor of 2.0.

(MDC) - Minimum Detectable Concentration

Trac - Tracer Recovery (%)

Carr - Carrier Recovery (%)

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 25-155-0001

Pace Project No.: 30787606

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
30787606001	25-155-0001	EPA 903.1	752747		
30787606001	25-155-0001	EPA 904.0	752749		
30787606001	25-155-0001	Total Radium Calculation	755191		

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107A Northside Office Park Drive, Andalusia, AL 36421
Main 334.343.9799
www.waypointanalytical.com

06/11/2025 13:52:26

Export Batch Report

Export Batch Id : 933EXP

Created: 6/11/2025 13:52:16

Computer: WPALMS-172

User: Consuelo C Bradley

Project Manager: Consuelo C Bradley

To: Pace Analytical Services-Pittsburgh
1638 Roseytown Road / Suites 2,3 & 4
Greensburg, PA 15601
724-850-5613

From: Waypoint Analytical, LLC (Andalusia)
107A Northside Office Park Drive
Andalusia, AL 36421
334-343-9799

Report No	Sample Date	Customer Sample No
25-155-0001	06/03/2025 11:20	TW-1
25-155-0001	06/03/2025 11:20	TW-1

Rush	Matrix	Lab No	Method	No
AQU	98688	EPA-903.1		
AQU	98688	EPA-904.0		

Fee Code	Description
Radium 226/228/Total Radium (Sub to Pace in PA)	
Radium 226/228/Total Radium (Sub to Pace in PA)	

001

Received by Pace Greensburg
Therm ID ~~---~~ Corr Factor ~~+~~/~~-~~
Receipt Temp ~~---~~
Corrected Temp ~~---~~
Correct Preservation Y/N ~~---~~

WO# : 30787606



Sampled By	Client	Method of Shipment	Blank / Cooler Temp.
Remarks			
Relinquished By (sign)	Consuelo Bradley	Date / Time	06/11/25 01:50:00
Relinquished By (sign)		Date / Time	06/13/25 16:00

	DC#_Title: ENV-FRM-GBUR-0088 v07_Sample Condition Upon Receipt- Greensburg	WO#: 30787606
	Effective Date: 01/04/2024	PM: NMY Due Date: 07/07/25 CLIENT: WAYPOINT-AL

Client Name: Waypoint

Courier: ☐ Fed Ex ☒ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other

Tracking Number: 1Z 9X0 485 01 4321 9891

Initial / Date

Examined By: PS 6/14/25

Labeled By: PS 6/14/25

Temped By: PS 6/14/25

Custody Seal on Cooler/Box Present: ☐ Yes ☒ No

Seals Intact: ☐ Yes ☒ No

Thermometer Used: Type of Ice: Wet Blue (None)

Cooler Temperature: Observed Temp °C Correction Factor: °C Final Temp: °C

Temp should be above freezing to 6°C

Comments:	Yes	No	NA	pH paper Lot# <u>10043241</u>	D.P.D. Residual Chlorine Lot # <u> </u>
Chain of Custody Present	<u>—</u>			1.	
Chain of Custody Filled Out:	<u>—</u>			2.	
-Were client corrections present on COC		<u>—</u>			
Chain of Custody Relinquished	<u>—</u>			3.	
Sampler Name & Signature on COC:	<u>—</u>	<u>—</u>		4.	
Sample Labels match COC:	<u>—</u>			5.	
-Includes date/time/ID					
Matrix: <u>WT</u>					
Samples Arrived within Hold Time:	<u>—</u>			6.	
Short Hold Time Analysis (<72hr remaining):		<u>—</u>		7.	
Rush Turn Around Time Requested:		<u>—</u>		8.	
Sufficient Volume:	<u>—</u>			9.	
Correct Containers Used:	<u>—</u>			10.	
-Pace Containers Used		<u>—</u>			
Containers Intact:	<u>—</u>			11.	
Orthophosphate field filtered:			<u>—</u>	12.	
Hex Cr Aqueous samples field filtered:			<u>—</u>	13.	
Organic Samples checked for dichlorination			<u>—</u>	14.	
Filtered volume received for dissolved tests:			<u>—</u>	15.	
All containers checked for preservation:	<u>—</u>			16.	
exceptions: VOA, coliform, TOC, O&G, Phenolics, Radon, non-aqueous matrix					<u>added 2.5ml HNO3 to both bottles</u>
All containers meet method preservation requirements:		<u>—</u>		Initial when completed <u>PS</u>	Date/Time of Preservation <u>6/14/25 9:25</u>
				Lot# of added Preservative <u>30214851</u>	
8260C/D: Headspace in VOA Vials (> 6mm)			<u>—</u>	17.	
624.1: Headspace in VOA Vials (0mm)			<u>—</u>	18.	
Radon: Headspace in RAD Vials (0mm)			<u>—</u>	19.	
Trip Blank Present:			<u>—</u>	Trip blank custody seal present? YES or NO	
Rad Samples Screened <.05 mrem/hr.	<u>✓</u>			Initial when completed <u>BR</u>	Date: <u>6/13/25</u> Survey Meter SN: <u>2504880</u>
Comments:					

Note: For NC compliance samples with discrepancies, a copy of this form must be sent to the DEHNR Certification office. PM Review is documented electronically in LIMS through the SRF Review schedule in the Workorder Edit Screen.

Qualtrax ID: 55680

Page 1 of 1

Page 14 of 15

Shipment Receipt Form

Customer Number: **00001**

Customer Name: **Three Notch Group**

Report Number: **25-155-0001**

Shipping Method

☐ Fed Ex	☐ US Postal	☐ Lab	☐ Other :	
☐ UPS	☒ Client	☐ Courier	Thermometer ID:	

Shipping container/cooler uncompromised?	☒ Yes	☐ No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	☐ Yes	☐ No	☒ Not Present
Custody seals intact on sample bottles?	☐ Yes	☐ No	☒ Not Present
Chain of Custody (COC) present?	☒ Yes	☐ No	
COC agrees with sample label(s)?	☒ Yes	☐ No	
COC properly completed	☒ Yes	☐ No	
Samples in proper containers?	☒ Yes	☐ No	
Sample containers intact?	☒ Yes	☐ No	
Sufficient sample volume for indicated test(s)?	☒ Yes	☐ No	
All samples received within holding time?	☒ Yes	☐ No	
Cooler temperature in compliance?	☒ Yes	☐ No	☐ Not Present
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	☒ Yes	☐ No	
Water - Sample containers properly preserved	☒ Yes	☐ No	☐ N/A
Water - VOA vials free of headspace	☐ Yes	☐ No	☒ N/A
Trip Blanks received with VOAs	☐ Yes	☐ No	☒ N/A
Soil VOA method 5035 – compliance criteria met	☐ Yes	☐ No	☒ N/A
☐ High concentration container (48 hr)	☐ Low concentration EnCore samplers (48 hr)		
☐ High concentration pre-weighed (methanol -14 d)	☐ Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	☐ Yes	☒ No	

Comments:

Signature:

Date & Time:

