

Haley Griffith (adpce.ad)

From: Acree, Matt J <Matt.Acree@terracon.com>
Sent: Friday, March 14, 2025 3:56 PM
To: EE GW Reports
Cc: Jaros, David G.
Subject: Veolia 4th Quarter 2024 GWMR (AFIN: 10-00004)
Attachments: Veolia 4th Quater 2024 GWMR.pdf

To whom it may concern,

Please find attached the 4th Quarter of 2024 Groundwater Monitoring Report for the Veolia - Gum Springs plant (AFIN: 10-00004).

If you have any questions or concerns, please feel free to contact us (david.jaros@terracon.com).

Thank you,

Matt Acree, P.G.

Staff Geologist



25809 I-30 South | Bryant, Arkansas 72022

M (501) 593 2680 | O (501) 943 1044

matt.acree@terracon.com | terracon.com

Terracon provides environmental, facilities, geotechnical, and materials consulting engineering services delivered with responsiveness, resourcefulness, and reliability.

Private and confidential as detailed here (www.terracon.com/disclaimer). If you cannot access the hyperlink, please e-mail sender.



25809 I-30 South
Bryant, AR 72022
P (501) 847-9292
F (501) 847-9210
Terracon.com

March 14, 2025

Cole Clark
Environmental Manager
Elemental Environmental Solutions
Gum Springs Plant
500 E. Reynolds Road
Arkadelphia, AR 71923

**Re: Fourth Quarter 2024 Background Groundwater Monitoring Report
Elemental Environmental Solutions - Gum Springs Plant Landfill
Project #: 35237054**

Dear Mr. Clark:

Terracon Consultants, Inc. is pleased to submit the Fourth Quarter 2024 Background Groundwater Monitoring Report for the Elemental Environmental Solutions-Gum Springs Plant Landfill (EES).

Terracon appreciates the opportunity to provide environmental services for EES. If you have any questions or comments concerning the report, please contact David Jaros or myself at your convenience.

Sincerely,
Terracon Consultants, Inc.

A handwritten signature in blue ink, appearing to read "Matt Acree".

Matt Acree, P.G.
Staff Geologist

A handwritten signature in blue ink, appearing to read "David Jaros".

David Jaros, P.G.
Project Manager

A handwritten signature in blue ink, appearing to read "Quin Baber".

Quin Baber, P.G. for
Environmental Department Manager

Fourth Quarter 2024 Background Groundwater Monitoring Report

**ELEMENTAL ENVIRONMENTAL SOLUTIONS
GUM SPRINGS PLANT LANDFILL**

SOLID WASTE PERMIT 262-S
AFIN 10-00004

TERRACON PROJECT 35237054
March 14, 2025

Prepared for:

Elemental Environmental Solutions
Gum Springs Plant
500 Reynolds Road
Arkadelphia, AR 71923

Prepared by:

Terracon Consultants, Inc.
Little Rock, Arkansas

TABLE OF CONTENTS

	Page
1.0 INTRODUCTION	1
1.1 Site Location	1
1.2 Site Groundwater Monitoring System.....	2
2.0 GROUNDWATER SAMPLING	2
2.1 Water Level Determination	2
2.2 Well Evacuation	2
2.3 Equipment Decontamination Procedure	3
2.4 Sample Extraction	3
2.5 Field Testing	4
2.6 Field QA/QC Procedures	5
2.7 Handling/Transport/Custody	6
2.8 Sample Preservation.....	6
3.0 FOURTH QUARTER 2024 QUARTERLY SAMPLING EVENT	6
3.1 Groundwater Elevation & Flow Direction	6
3.2 Groundwater Quality.....	7
3.2.1 Statistical Evaluation	7
3.2.2 Comparison to Established Water Quality Standards.....	8
3.2.3 Field Duplicate and Blank Results	9
3.2.4 Shallow Clay Horizon Groundwater Quality	9
4.0 CONCLUSIONS	10

TABLES

Table 1	Constituents for Detection Monitoring
Table 2	Field Measurements
Table 3	Groundwater Quality Results

FIGURES

Figure 1	Site Location Map
----------	-------------------

APPENDIX A	Groundwater Sampling Records
APPENDIX B	Laboratory Analytical Results
APPENDIX C	Key to Parameter Abbreviations/Historical Groundwater Results

**FOURTH QUARTER 2024 BACKGROUND GROUNDWATER MONITORING REPORT
ELEMENTAL ENVIRONMENTAL SOLUTIONS - GUM SPRINGS PLANT
ADEQ SOLID WASTE PERMIT 262-S
TERRACON PROJECT 35237054**

1.0 INTRODUCTION

Elemental Environmental Solutions (EES) owns and operates the EES - Gum Springs Plant thermal treatment facility. The facility treats spent potliner (EPA listed waste K088) from RMC's aluminum manufacturing plants as well as from non-RMC sources. Since late 1993, the kiln residue generated from the treatment process has been placed in an on-site waste disposal facility. The 37-acre Landfill was originally designed to meet and exceed the Arkansas Solid Waste Disposal Code and was classified as a non-hazardous industrial solid waste landfill (Class 3N). The original design called for a series of ten disposal cells. As each cell was filled to the permitted capacity, the succeeding cell would be constructed. The cells and the waste within them were to be contiguous.

Cell 1 was constructed during 1992 and 1993, and waste disposal activities began in late 1993. Cell 2 was constructed in 1995 but did not receive waste until 1997. In 1997, the kiln residue was re-classified as hazardous material by the EPA, and the disposal facility was modified to comply with Resource Conservation and Recovery Act (RCRA) Subtitle C and the Pollution Control and Ecology Commission Regulation 23 requirements.

The Cell 1 Solid Waste Permit Number 262-S was issued under the direction of the ADEQ on July 20, 1992. The groundwater monitoring system was monitored in accordance with Condition No. 11 of the Reynolds Metals Co. Permit 262-S from December 1992 through the Third Half 1999 monitoring event. Groundwater monitoring is currently conducted in accordance with Module X of Hazardous Waste Renewal Permit Number 30H-RN1 issued on April 22, 2010 and the *Sampling and Analysis Plan* presented in Attachment E-3, Section 3.0 of the Part B Application. As required by Permit Condition F of Module X, the *Sampling and Analysis Plan* presented in Attachment E-3, Section 3.0 of the Part B Application, and in accordance with ADEQ Regulation No. 23, this report summarizes the groundwater quality and provides, if required, a statistical comparison associated with the Fourth Quarter 2024 semi-annual detection monitoring event.

1.1 Site Location

The EES Landfill is located approximately one mile East of Gum Springs, Arkansas (See FIGURE 1). More specifically, the site is located in the NE 1/4, SE 1/4 of Section 6, T-8-S, R-19-W in Clark County.

1.2 Site Groundwater Monitoring System

The uppermost aquifer groundwater monitoring system for the Veolia Landfill consists of fifteen wells designated as MW-2, MW-4, MW-6, MW-8, MW-12, MW-16, MW-18, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, and MW-31. Monitoring wells MW-2, MW-12, and MW-16 are upgradient wells. The remaining wells were installed at the point of compliance dictated by the landfill construction footprint and the RCRA permit (Module X Permit 30H).

The shallow clay horizon on the site is monitored by one upgradient and four downgradient wells (MW-1A, MW-4S, MW-6S, MW-8S, and MW-18S). Monitoring well MW-1A was installed in 1993 and is the one upgradient well.

The remaining wells were installed in 1998 in accordance with the Minute Order Number 98-28 requirements and the specifications given in the *Landfill Hydrogeologic Characterization Report* and the addendum to that report. These wells are currently monitored on a quarterly basis in accordance with the Module X of Hazardous Waste Renewal Permit Number 30H-RN1 and the *Sampling and Analysis Plan* presented in Attachment E-3, Section 3.0 of the Part B.

2.0 GROUNDWATER SAMPLING

The Fourth Quarter 2024 groundwater monitoring event for the EES Landfill was conducted on November 14-15, 2024. The procedures for obtaining groundwater samples, parameters analyzed, and sample preservation and handling are discussed in the following sections. Samples were collected according to the *Sampling and Analysis Plan* presented in Attachment E-3, Section 3.0 of the Part B Application and Module X.

2.1 Water Level Determination

Prior to evacuating a well for sampling, the depth to water was measured using an electronic water level probe. The measurements were taken to the nearest 0.01-foot from the top of the well casing and this information was utilized to calculate the volume of water in each well. Since non-dedicated equipment was used to obtain water levels, procedures were instituted to ensure the samples were not contaminated. The electronic water level probe is constructed of inert materials and was de-contaminated with distilled water prior to use at each well.

2.2 Well Evacuation

The water in a well prior to sampling may not be representative of in-situ groundwater quality. Therefore, the Terracon field representative purged a minimum of three casing volumes from each well at a rate that did not excessively agitate the recharge water. The evacuation procedure helped to ensure that all well water was replaced by fresh formation water upon completion of the process. A Grundfos Redi-Flo 2 electric submersible pump was used to evacuate each well.

The pumping equipment is non-dedicated, therefore, procedures were instituted to ensure the samples were not contaminated. The pump, wiring, and tubing are constructed of inert materials and were rinsed with distilled water prior to use at each well. Measures were also taken to prevent surface soils from coming in contact with the purging equipment and tubing.

In order to document that formation waters are entering the well, representative samples of the discharge water were periodically collected and tested for field water quality parameters. The parameters measured were pH, specific conductance, temperature, and turbidity. Water quality parameters (with the exception of turbidity) were considered stable if three consecutive readings did not vary more than 10 percent. Measures were taken to obtain turbidity readings as low as possible prior to sampling.

Due to the low yield characteristics of the shallow clay horizon, monitoring wells MW-4S, MW-6S, MW-8S, and MW-18S are purged to dryness using a peristaltic pump. The wells are allowed to recover 24 hours prior to attempting to sample.

2.3 Equipment Decontamination Procedure

All equipment that was used in the monitoring wells and had contact with the samples was thoroughly

cleaned before use.

This equipment included a water level probe, disposable bailers, disposable bailer twine, and a submersible pump. All bailers and bailer twine are individually wrapped and sealed by the manufacturer. The bailers are purified and rinsed with distilled water prior to packaging. The bailers are independently tested at regular intervals by the manufacturer to ensure they are contaminant free.

The water level probe was washed with potable water and phosphate-free laboratory detergent. Next, the probe was rinsed with potable water and finally, rinsed with distilled water. The water level probe was placed in a plastic bag to prevent contamination during transport. After a water level was measured, a paper towel was soaked with distilled water and as the probe was reeled up, the tape and probe were wiped clean.

Prior to use at each monitoring point, the submersible pump is decontaminated thoroughly. Decontamination is performed by pumping potable water and phosphate-free detergent, potable water, and distilled water through it utilizing a portable decontamination tube. The exterior surface of the pump and tubing is then rinsed with distilled water prior to its reuse in a well.

2.4 Sample Extraction

The technique used to withdraw groundwater samples from the wells was selected based on consideration of the parameters analyzed in the samples. To ensure the groundwater sample is representative of the formation it is important to minimize physically altering or chemically contaminating the sample during the withdrawal process. In order to minimize the possibility of sample contamination the Terracon field representative:

- * *Did not allow clean sampling equipment to be placed directly on the ground or other potentially contaminated surfaces prior to insertion into the well.*
- * *Transferred samples to the appropriate containers in a manner that minimized agitation and aeration.*

The permit parameter samples were collected and containerized in the order of sensitivity. The list of parameters analyzed in samples collected from wells monitoring the uppermost aquifer is presented in TABLE 1.

TABLE 1
CONSTITUENTS FOR DETECTION MONITORING

ARSENIC CYANIDE FLUORIDE pH Appendix IX Constituents
--

2.5 Field Testing

Some of the parameters evaluated are physically or chemically unstable and were tested immediately after collection by a Terracon representative. The representative utilized a field test kit to perform the analyses. Examples of unstable elements or properties include pH and temperature. Although the specific conductance (inverse of electrical resistance) and turbidity of a substance are relatively stable, these parameters were also measured in the field. This information was recorded on *Groundwater Monitoring*

Sampling Records presented in APPENDIX A. A summary of the field measurements for the Fourth Quarter 2024 sampling event is presented in TABLE 2.

TABLE 2
FIELD MEASUREMENTS

WELL #	DATE	DATUM ELEV. (FMSL)	DEPTH TO WATER(FT)	GW SURF. ELEV. (FMSL)	TEMP. (°C)	pH (SU)	SPEC. COND. (µS/cm)	TURB. (NTU)
MW-4S	11/15/2024	189.43	14.51	174.92	19.1	6.88	3010	0.88
MW-6S	11/15/2024	188.95	12.28	176.67	17.2	6.69	1581	0.97
MW-8S	11/15/2024	188.97	10.79	178.18	16.4	6.99	1718	0.98
MW-18S	11/15/2024	192.29	7.40	184.89	18.9	7.02	2780	0.88

2.6 Field QA/QC Procedures

Procedures utilized for collecting the duplicate sample were identical to the sampling protocol detailed in Section 2.4 and collected at the same time as the well sample. The duplicate sample was collected to verify the consistency and precision of the sampling and testing procedures.

2.7 Handling/Transport/Custody

Samples were accompanied by a Chain-of-Custody record that includes the name of the facility, collector's signatures, monitoring point identification, date, time, type of sample, number of containers, and analyses required. Samples collected from the Landfill site were placed in sample containers provided by the Laboratory. Containers are certified clean by the supplier.

The sample label, attached to the sample container at the time of collection, includes the following information:

- *project or facility name,*
- *sample type,*
- *sample location number (well number),*
- *preservative type,*
- *sampling date and time, and*
- *sample collector's name or initials.*

Sample identification and required analyses were recorded on the Arkansas Analytical, Inc. Chain-of-Custody form. The standard format includes: the date, time, type of sample taken, code for sample analysis, unique sample number, and sampling location.

2.8 Sample Preservation

Samples were placed in an ice chest, filled with ice for preservation, and cooled to approximately four degrees Celsius. Custody was retained by a Terracon representative from the time of collection until delivery to Arkansas Analytical, Inc. Laboratory analytical results and a copy of the Chain-of-Custody form are included in APPENDIX B.

3.0 FOURTH QUARTER 2024 SAMPLING EVENT

The sampling results included in this report are for the Fourth Quarter 2024 detection monitoring event conducted on November 14-15, 2024. Results of this sampling event are summarized in the following sections, tables, and appendices.

The Fourth Quarter 2024 Background Sampling event was to help determine background values for the Table 1 constituents for the shallow wells in accordance with Regulation No. 23 §264.

3.1 Groundwater Elevation & Flow Direction

TABLE 2 summarizes the results of the water level and field measurements for the Fourth Quarter 2024 sampling event. As stated previously, there are currently fifteen monitoring wells (MW-2, MW-4, MW-6, MW-8, MW-12, MW-16, MW-18, MW-24, MW-25, MW-26, MW-27, MW-28, MW-29, MW-30, and MW-31) screened within the Nacatoch sand/Alluvial aquifer located around the Landfill area.

Water levels were only measured in the shallow wells and a potentiometric map could not be generated to cover the whole facility. In future background sampling events, all other remaining monitoring wells will have their respective water levels gauged and a potentiometric surface will be generated for the background report.

3.2 Groundwater Quality

APPENDIX C consists of the historical groundwater analytical results compiled since the original monitoring wells were first sampled on December 23, 1992.

3.2.1 Statistical Evaluation

The *SANITAS™ for Groundwater* program was utilized to compile the data for the Fourth Quarter 2024 sampling event. The statistical methods used to evaluate the groundwater data for statistically significant increases (SSIs) are based on procedures outlined in the Reynolds Metals Company Gum Springs Facility RCRA Renewal Permit 30H-RN1 Module X Condition F.1. Currently, Module X Condition F.1 states that the reported parameter concentrations determined to exceed the background values specified in Condition C.1 are evaluated utilizing prediction interval statistics. It should be noted that this is the eleventh quarterly event for the Appendix IX parameters to help determine background values in accordance with Regulation No. 23 §264. Since eight background events have occurred, EES will propose background values for all appendix IX parameters as well as indicators parameters of fluoride, cyanide, arsenic, and pH. The Sampling and Analysis Plan (SAP) will also be updated once the background levels have been approved by ADEQ.

The criterion for selecting a method is as follows:

- When utilizing Prediction Interval statistics, parametric prediction intervals are first calculated whenever possible. The parametric alternative is constructed with the assumption that the background data have a normal or transformed-normal distribution and are less than 15% non-detect.
- However, when the background data do not have transformed-normal distribution or contain between 50 and 90 percent observations below the detection limit, it is then necessary to construct a nonparametric prediction interval.

- If more than 90 percent of the background data are less than the detection limit, a Poisson-based prediction interval is computed.

3.2.2 Comparison to Established Water Quality Standards

The groundwater analytical results and comparisons of constituent concentrations to applicable Primary Drinking Water Standards-Maximum Contaminant Levels (MCLs), Secondary Drinking Water Standards (SDWS) summarized in TABLE 3.

It should be noted that the "S" wells have historically had poor recharge and limited water was available for sampling Table 1 constituents. Constituents that were not collected during the Fourth Quarter 2024 event will be attempted in the Fourth Quarter 2024 event and subsequent events until all Table 1 constituents are collected for eight background events per ADEQ instructions.

TABLE 3
GROUNDWATER QUALITY RESULTS

Monitoring wells	Fluoride (mg/l)	Cyanide (mg/l)	Arsenic (mg/l)	pH (SU)	Barium (mg/l)	Cobalt (mg/l)	Copper (mg/l)	Chromium (mg/l)	Lead (mg/l)
MW-4S	0.693	<0.005	0.000130 J	6.88	0.0156	<0.000260	0.000296 J	0.0008	<0.000416
MW-6S	0.388 J	<0.005	0.000155 J	6.69	0.0147	0.000077 J	0.000683	0.000940	0.000591
MW-8S	0.627	0.002 J	0.000195 J	6.99	0.0207	0.000137 J	0.000910	0.00184	0.000330 J
MW-18S	1.78	<0.005	0.000339	7.02	0.0144	0.000173 J	0.000690	0.000858	<0.000416
MW-1A	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-2	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-4	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-12	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-16	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-18	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-24	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-25	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-26	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-27	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-28	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-29	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-30	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-31	NA	NA	NA	NA	NA	NA	NA	NA	NA
Limit	4*	0.2*	0.01*	6.5-8.5**	2*	---	1.3*	0.1*	0.015*

*Primary Drinking Water Standard-Maximum Contaminant Level (MCL)

**Secondary Drinking Water Standard (SDWS)

Values in **Bold** exceed a Drinking Water Standard

The pH values noted on this table are field measurements

The SDWS are set primarily for aesthetic reasons and are generally not considered health-based criteria. Constituents covered by these regulations are those which may adversely affect the aesthetic qualities of drinking water such as taste, odor, color, and appearance and are not federally enforced.

3.2.3 Field Duplicate and Rinsate Results

A duplicate sample and field blank were not collected during the Fourth Quarter 2024 event.

3.2.4 Shallow Clay Horizon Groundwater Quality

During this sampling event the shallow clay horizon wells were not analyzed for the indicator parameters of arsenic, cyanide, fluoride, and pH due to the lack of water to fill all required Appendix IX sample containers.

During this event the shallow clay horizon wells were sampled for the Appendix IX parameters as sample volumes allowed to satisfy Condition L of Module X.

4.0 CONCLUSIONS

Based on the results of the Fourth Quarter 2024 groundwater sampling and laboratory analysis, Terracon reached the following conclusions:

Groundwater Flow

- *Water levels were only measured in the shallow wells and a potentiometric map could not be generated to cover the whole facility. In future background sampling events, all other remaining monitoring wells will have their respective water levels gauged not just wells required for establishing background values and potentiometric surface will be generated for the background report.*

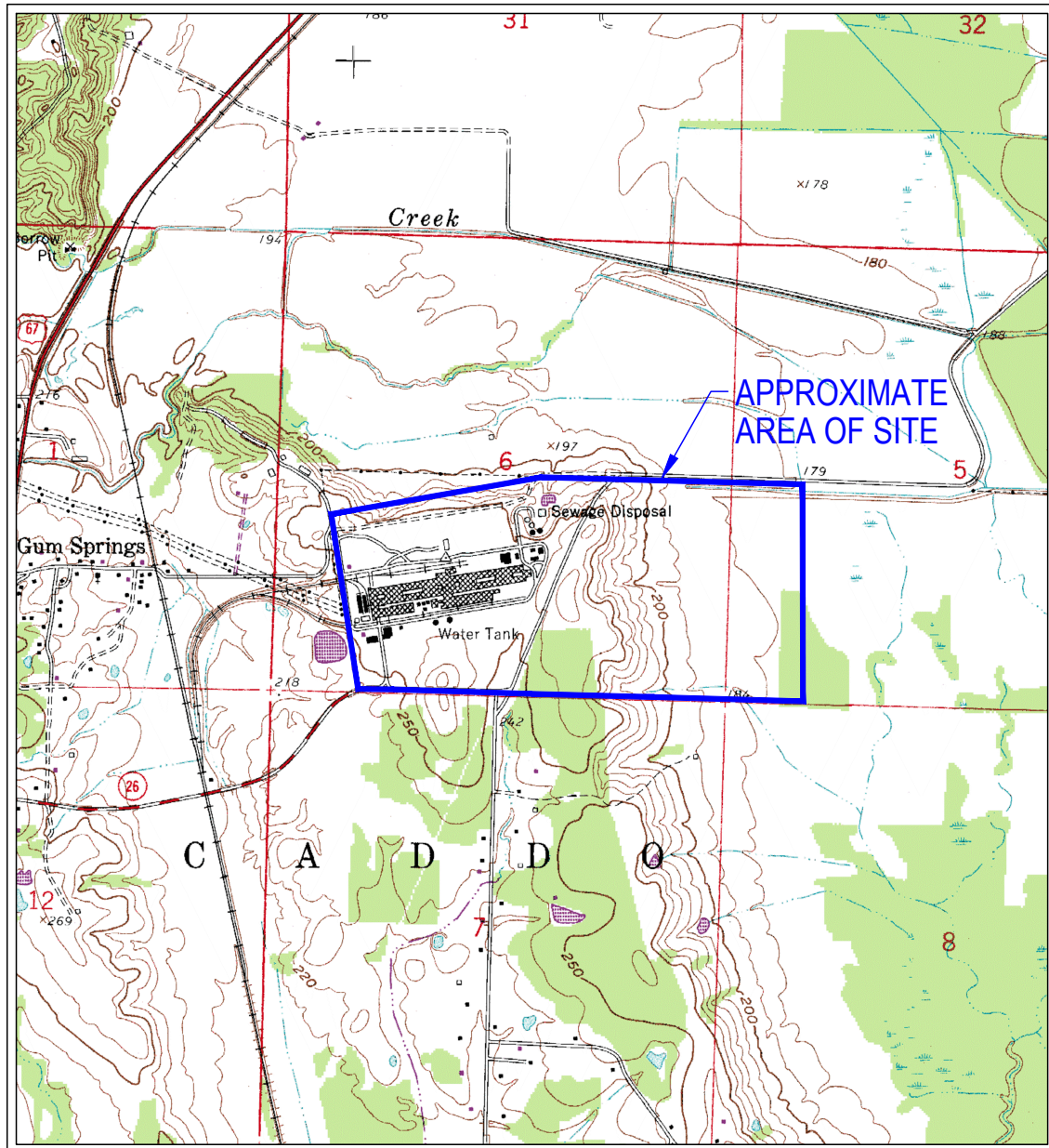
Analytical Results

- *EPA Primary Drinking Water Standard-Maximum Contaminant Levels (MCLs) were not exceeded in any of the monitoring well samples collected during the Fourth Quarter 2024 sampling event.*
- *Constituents covered by these regulations are those which may adversely affect the aesthetic qualities of drinking water such as taste, odor, color, and appearance and are not federally enforced.*
- *It should be noted that the "S" wells have historically had poor recharge and limited water was available for sampling Table 1 constituents. Constituents that were not collected during the Fourth Quarter 2024 event will be attempted in the First Quarter 2025 event and subsequent events until all Table 1 constituents are collected for eight background events per ADEQ instructions.*

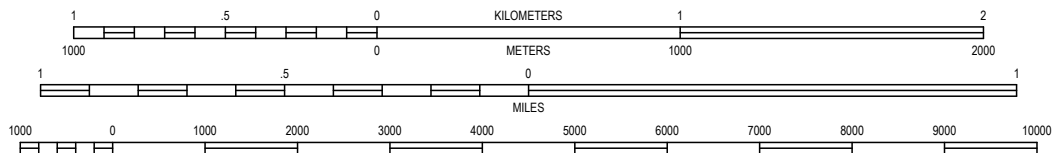
Statistical Evaluation

- *The next quarterly groundwater sampling event is tentatively scheduled for March 2025.*

Figures



SCALE 1:24 000



CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

ARKADELPHIA, ARK.
QUADRANGLE
1959 - PHOTO REVISED 1976
7.5 MINUTE SERIES (TOPOGRAPHIC)



Project Mngr:	PTG
Drawn By:	PTG
Checked By:	PTG
Approved By:	DGJ
Project No.	052-002-35987017B
Scale:	AS SHOWN
File No.	032
Date:	4/13/2020

Terracon
Consulting Engineers and Scientists
25809 I-30 SOUTH BRYANT, AR 72022
PH. (501) 847-9292 FAX. (501) 847-9210

SITE LOCATION MAP
ELEMENTAL ENVIRONMENTAL SOLUTIONS GUM SPRINGS PLANT
GUM SPRINGS ARKANSAS

FIG. No.
1

Appendix A

Groundwater Sampling Records

Terracon
25809 Interstate 30 South
Bryant, AR 72022
(501) 847-9292

☐	Clear	☐	Raining
☒	Cloudy	☐	Windy
☐	Partly Cloudy	☐	Foggy / Misty
<u>52</u>	Low Temp. (°F)	<u>53</u>	High Temp. (°F)
Notes:			

☒	Sample Retrieval	☐	Well Development
☐	Well Purge	☐	Well Installation

WW	pH		

Alconox & Distilled Water

Notes:

Note: Copies of all completed "Project Field Record Forms" are to be submitted to the Project Manager at the end of each day and should be maintained with the Project Records.

Terracon

PROJECT NUMBER:	Veolia	DATE:	11/14/2024
SAMPLING LOCATION:	MW-4S	WEATHER:	Clear, 52°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No	WELL NUMBER LABELED? ☒ Yes ☐ No
CASING CONDITION: ☒ Ok ☐ Needs Attention	WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention
GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: <u>Good</u>	

WATER DEPTH (feet): <u>14.51</u>	TOTAL DEPTH OF WELL (feet): <u>17.01</u>
VOLUME OF WATER $V = r^2 h (0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): <u>0.41</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>11/14/2024</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0919</u>	TIME END PURGING: <u>0930</u>
VOLUME PURGED (gallons): <u>1.25</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>11/15/2024</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0935</u>	TIME END SAMPLING: <u>0955</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	Veolia	DATE:	11/14/2024
SAMPLING LOCATION:	MW-6S	WEATHER:	Clear, 52°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No	WELL NUMBER LABELED? ☒ Yes ☐ No
CASING CONDITION: ☒ Ok ☐ Needs Attention	WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention
GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: <u>Good</u>	

WATER DEPTH (feet): <u>12.28</u>	TOTAL DEPTH OF WELL (feet): <u>14.51</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>0.36</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>11/14/2024</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0853</u>	TIME END PURGING: <u>0903</u>
VOLUME PURGED (gallons): <u>1.25</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>11/15/2024</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0905</u>	TIME END SAMPLING: <u>0918</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	Veolia	DATE:	11/14/2024
SAMPLING LOCATION:	MW-8S	WEATHER:	Clear, 53°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No	WELL NUMBER LABELED? ☒ Yes ☐ No
CASING CONDITION: ☒ Ok ☐ Needs Attention	WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention
GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: <u>Good</u>	

WATER DEPTH (feet): <u>10.79</u>	TOTAL DEPTH OF WELL (feet): <u>15.58</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>0.78</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>11/14/2024</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0803</u>	TIME END PURGING: <u>0822</u>
VOLUME PURGED (gallons): <u>2.0</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>11/15/2024</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0825</u>	TIME END SAMPLING: <u>0836</u>

[illegible]

Terracon Consultants, Inc.

Comments:	Calibrate pH 6.99 - 3.99
------------------	--------------------------

Terracon

PROJECT NUMBER:	Veolia	DATE:	11/14/2024
SAMPLING LOCATION:	MW-18S	WEATHER:	Clear, 54°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No	WELL NUMBER LABELED? ☒ Yes ☐ No
CASING CONDITION: ☒ Ok ☐ Needs Attention	WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention
GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: <u>Good</u>	

WATER DEPTH (feet): <u>7.40</u>	TOTAL DEPTH OF WELL (feet): <u>16.85</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>1.54</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>11/14/2024</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0957</u>	TIME END PURGING: <u>1026</u>
VOLUME PURGED (gallons): <u>4.5</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>11/15/2024</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1035</u>	TIME END SAMPLING: <u>1040</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Appendix B

Laboratory Analytical Results



8100 National Dr. - Little Rock, AR 72209
501-455-3233 Fax 501-455-6118

26 November 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923

Project: Groundwater Samples - Appendix IX

Project Number: November 2024

SDG Number: 2411350

Enclosed are the results of analyses for samples received by the laboratory on 15-Nov-24 13:14. If you have any questions concerning this report, please feel free to contact me.

Sample Receipt Information:

Custody Seals	✓
Containers Correct	✓
COC/Labels Agree	✓
Received On Ice	✓
Temperature on Receipt	5.0°C

Sincerely,

A handwritten signature in blue ink that reads "Norma James".

Norma James
Technical Director

This document is intended only for the use of the person(s) to whom it is expressly addressed. This document may contain information that is confidential and legally privileged. If you are not the intended recipient, you are notified that any disclosure, distribution, or copying of this document is strictly prohibited. If you have received this document in error, please destroy.

26 November 2024



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

CASE NARRATIVE

Sample Delivery Group – 2411350

One OR more of the qualifiers described below may appear in this report. Qualifiers in **RED apply to this SDG (Sample Delivery Group).**

ANALYTICAL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
EDL	Result was non-detect at an elevated detection limit due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume.
EX	Result exceeds DAILY MAXIMUM and/or MONTHLY AVERAGE.
J	At client request, J-Values are reported. J-Values are considered "estimated" results as they are below the limit of quantitation yet above the method detection limit (MDL).
HS-1	Estimated result due to headspace in vial(s) received. Insufficient number of vial(s) WITHOUT headspace provided by client.

CALIBRATION QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
CR	Result above highest calibration standard, but within linear calibration range.
Est3	Result at the instrument was above the concentration of the highest standard in the calibration curve.
E2-F	Second Source Verification Failure
E2-A	Second Source Verification Absence
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E35	Low Level CCV Failure

QUALITY CONTROL QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E20	Sample used as "parent" for the associated analytical batch.
%D3/S-01	Surrogate failed to recover within acceptance criteria (%D3/S-01).
E1	Results associated with this surrogate were qualified as "estimated" (E1).
B	Present in the Associated Blank
B1	Present in Blank, but Not In the Sample.
%D2 / E5	Laboratory Control Spike (LCS) and/or Laboratory Control Spike Duplicate (LCSD) failed to recover with acceptance criteria (%D2). Associated results were qualified as "estimated" (E5).
%D1	Matrix Spike (MS) and/or Matrix Spike Duplicate (MSD) failed acceptance criteria.
MBA	Failed criteria due to the high concentration of analyte in the parent sample.
MBI	Failed criteria due to an interference in the parent sample.
%D3	Quality Control Surrogate failed acceptance criteria.
NREC	Quality Control Surrogate failed.
NS	Quality Control Surrogate not spiked.

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-01
Sample Name: MW-4S
Date/Time Collected: 11/15/24 9:45
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Fluoride	mg/L	0.693		11/20/24 10:43	B411377	EPA 300.0, 2.1-1993
<u>Herbicides</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
2,4-D	ug/L	< 4.00		11/20/24 16:51	B411389	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		11/20/24 16:51	B411389	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		11/20/24 16:51	B411389	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		11/20/24 16:51	B411389	SW 8151A, Rev 1 1996
DCAA [surr]	%	109		11/20/24 16:51	B411389	SW 8151A, Rev 1 1996
<u>PCBs</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Aroclor-1016	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		11/18/24 18:08	B411297	EPA 608/SW 8082A
TCMX [surr]	%	120		11/18/24 18:08	B411297	EPA 608/SW 8082A
DCBP [surr]	%	128		11/18/24 18:08	B411297	EPA 608/SW 8082A
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	ug/L	< 2.08		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.130	J	11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Barium	ug/L	15.6		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260	E20	11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Chromium	ug/L	0.800		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Copper	ug/L	0.296	J	11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		11/19/24 10:03	B411370	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	0.44	J	11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Selenium	ug/L	10.8		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.266		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		11/25/24 14:02	B411518	SW 6020B, Rev 2-2014
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number:		2411350-01					
Sample Name:		MW-4S					
Date/Time Collected:		11/15/24 9:45					
Sample Matrix:		Water					
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>	
1,1,2-Trichloroethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,1-Dichloroethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,1-Dichloroethene	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,2,3-Trichloropropane	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,2-Dibromoethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,2-Dichloroethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,2-Dichloropropane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,3-Dichlorobenzene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,2-Dichlorobenzene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
2-Hexanone	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
4-Methyl-2-pentanone	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Acetone	ug/L	4.97	E2-F, J	11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Acetonitrile	ug/L	< 50.0		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Acrolein	ug/L	< 4.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Acrylonitrile	ug/L	< 2.00	E-01, E5	11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Allyl chloride	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
1,4-Dichlorobenzene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Benzene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Bromodichloromethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Bromoform	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Bromomethane	ug/L	0.617	J	11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Carbon disulfide	ug/L	2.38	E5	11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
2-Butanone	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Carbon Tetrachloride	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Chlorobenzene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Chloroethane	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Chloroform	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Chloromethane	ug/L	0.242	J	11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Chloroprene	ug/L	< 5.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
cis-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Dibromochloromethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Dibromomethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Dichlorodifluoromethane	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Ethyl Methacrylate	ug/L	< 3.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Ethylbenzene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Iodomethane	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Isobutyl alcohol	ug/L	< 10.0		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Methacrylonitrile	ug/L	< 50.0		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Methylene Chloride	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Methyl Methacrylate	ug/L	< 5.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
m,p-Xylene	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	
Naphthalene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-01
Sample Name: MW-4S
Date/Time Collected: 11/15/24 9:45
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
o-Xylene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E2-F	11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	112		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		11/20/24 17:45	B411394	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.005		11/18/24 8:58	B411347	SM 4500-CN B,C,E 2016
pH	S.U.	6.64	E2	11/18/24 10:48	B411350	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		11/20/24 9:00	B411391	SM 4500-S2 D-2011
Temp of pH	°C	21.4		11/18/24 10:48	B411350	SM 2550 B-2010

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-02
Sample Name: MW-6S
Date/Time Collected: 11/15/24 9:05
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Fluoride	mg/L	0.388	J	11/20/24 11:02	B411377	EPA 300.0, 2.1-1993
<u>Herbicides</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
2,4-D	ug/L	< 4.00		11/20/24 17:09	B411389	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		11/20/24 17:09	B411389	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		11/20/24 17:09	B411389	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		11/20/24 17:09	B411389	SW 8151A, Rev 1 1996
DCAA [surr]	%	112		11/20/24 17:09	B411389	SW 8151A, Rev 1 1996
<u>PCBs</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Aroclor-1016	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		11/18/24 18:34	B411297	EPA 608/SW 8082A
TCMX [surr]	%	128		11/18/24 18:34	B411297	EPA 608/SW 8082A
DCBP [surr]	%	137		11/18/24 18:34	B411297	EPA 608/SW 8082A
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	ug/L	< 2.08		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.155	J	11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Barium	ug/L	14.7		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Chromium	ug/L	0.940		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.077	J	11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Copper	ug/L	0.683		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Lead	ug/L	0.591		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		11/19/24 10:03	B411370	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	1.72		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Selenium	ug/L	4.87	J	11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.455		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		11/25/24 14:09	B411518	SW 6020B, Rev 2-2014
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-02
Sample Name: MW-6S
Date/Time Collected: 11/15/24 9:05
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Acetone	ug/L	3.39	E2-F, J	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00	E-01, E5	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	0.876	J	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	2.35	E5	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	0.301	J	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	0.571	J	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.347	J	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-02
Sample Name: MW-6S
Date/Time Collected: 11/15/24 9:05
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
m,p-Xylene	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E2-F	11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		11/20/24 18:09	B411394	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.005		11/18/24 8:58	B411347	SM 4500-CN B,C,E 2016
pH	S.U.	6.51	E2	11/18/24 10:48	B411350	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		11/20/24 9:00	B411391	SM 4500-S2 D-2011
Temp of pH	°C	21.3		11/18/24 10:48	B411350	SM 2550 B-2010

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-03
Sample Name: MW-8S
Date/Time Collected: 11/15/24 8:25
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Fluoride	mg/L	0.627		11/20/24 11:22	B411377	EPA 300.0, 2.1-1993
<u>Herbicides</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
2,4-D	ug/L	< 4.00		11/20/24 17:27	B411389	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		11/20/24 17:27	B411389	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		11/20/24 17:27	B411389	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		11/20/24 17:27	B411389	SW 8151A, Rev 1 1996
DCAA [surr]	%	115		11/20/24 17:27	B411389	SW 8151A, Rev 1 1996
<u>PCBs</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Aroclor-1016	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		11/18/24 18:59	B411297	EPA 608/SW 8082A
TCMX [surr]	%	132		11/18/24 18:59	B411297	EPA 608/SW 8082A
DCBP [surr]	%	142		11/18/24 18:59	B411297	EPA 608/SW 8082A
<u>Pesticides</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
4,4'-DDD	ug/L	< 0.030		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
TCMX [surr]	%	41.7		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007
DCBP [surr]	%	46.3		11/25/24 12:06	B411398	SW 8081B, Rev 2, 2007

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-03
Sample Name: MW-8S
Date/Time Collected: 11/15/24 8:25
Sample Matrix: Water

<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	ug/L	< 2.08		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.195	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Barium	ug/L	20.7		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.053	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Chromium	ug/L	1.84		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.137	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Copper	ug/L	0.910		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Lead	ug/L	0.330	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		11/19/24 10:03	B411370	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	1.81		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Selenium	ug/L	4.25	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Thallium	ug/L	0.035	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.410		11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
Zinc	ug/L	7.66	J	11/25/24 14:15	B411518	SW 6020B, Rev 2-2014
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Acetone	ug/L	3.81	E2-F, J	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00	E-01, E5	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-03
Sample Name: MW-8S
Date/Time Collected: 11/15/24 8:25
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Bromoform	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	1.02	J	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	2.18	E5	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	0.296	J	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	0.648	J	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.300	J	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E2-F	11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		11/20/24 18:34	B411394	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	0.002	J	11/18/24 8:58	B411347	SM 4500-CN B,C,E 2016
pH	S.U.	6.69	E2	11/18/24 10:48	B411350	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		11/20/24 9:00	B411391	SM 4500-S2 D-2011

26 November 2024



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number:	2411350-03					
Sample Name:	MW-8S					
Date/Time Collected:	11/15/24 8:25					
Sample Matrix:	Water					
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Temp of pH	°C	21.6		11/18/24 10:48	B411350	SM 2550 B-2010

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-04
Sample Name: MW-18S
Date/Time Collected: 11/15/24 10:35
Sample Matrix: Water

<u>Anions</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Fluoride	mg/L	1.78		11/20/24 11:41	B411377	EPA 300.0, 2.1-1993
<u>Herbicides</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
2,4-D	ug/L	< 4.00		11/20/24 17:46	B411389	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		11/20/24 17:46	B411389	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		11/20/24 17:46	B411389	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		11/20/24 17:46	B411389	SW 8151A, Rev 1 1996
DCAA [surr]	%	108		11/20/24 17:46	B411389	SW 8151A, Rev 1 1996
<u>PCBs</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Aroclor-1016	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		11/18/24 19:24	B411297	EPA 608/SW 8082A
TCMX [surr]	%	138		11/18/24 19:24	B411297	EPA 608/SW 8082A
DCBP [surr]	%	142		11/18/24 19:24	B411297	EPA 608/SW 8082A
<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0	E21	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number:		2411350-04				
Sample Name:		MW-18S				
Date/Time Collected:		11/15/24 10:35				
Sample Matrix:		Water				
<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
3,3'-Dimethylbenzidine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E20, E5	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Aniline	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00	E21	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-04
Sample Name: MW-18S
Date/Time Collected: 11/15/24 10:35
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Dimethylphthalate	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E2-F	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0	E21	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Methapyrilene	ug/L	< 20.0	E-01, E2-F	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E21, E2-F	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00	E21	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-04
Sample Name: MW-18S
Date/Time Collected: 11/15/24 10:35
Sample Matrix: Water

<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Pentachloroethane	ug/L	< 50.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E20, E5	11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	73.2		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	47.2		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	39.6		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	44.7		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	30.4		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	77.5		11/20/24 12:59	B411376	SW 8270E, Rev. 6, 2018
<u>Total Metals</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Antimony	ug/L	< 2.08		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.339		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Barium	ug/L	14.4		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.094	J	11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Chromium	ug/L	0.858		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.173	J	11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Copper	ug/L	0.690		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		11/19/24 10:03	B411370	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	2.34		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Selenium	ug/L	15.9		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Thallium	ug/L	0.040	J	11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.477		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		11/25/24 14:22	B411518	SW 6020B, Rev 2-2014
<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-04
Sample Name: MW-18S
Date/Time Collected: 11/15/24 10:35
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Acetone	ug/L	5.27	E2-F	11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00	E-01, E5	11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	2.13	E5	11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	0.204	J	11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	0.534	J	11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

ANALYTICAL RESULTS

Lab Number: 2411350-04
Sample Name: MW-18S
Date/Time Collected: 11/15/24 10:35
Sample Matrix: Water

<u>Volatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Naphthalene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E2-F	11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		11/20/24 18:58	B411394	SW 8260C, Rev 3, 2006
<u>Wet Chemistry</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>
Cyanide (total)	mg/L	< 0.005		11/18/24 8:58	B411347	SM 4500-CN B,C,E 2016
pH	S.U.	6.74	E2	11/18/24 10:48	B411350	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		11/20/24 9:00	B411391	SM 4500-S2 D-2011
Temp of pH	°C	22.2		11/18/24 10:48	B411350	SM 2550 B-2010

26 November 2024



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS

PCBs -- Batch: B411297 (Water)

Prepared: 15-Nov-24 07:19 By: MB -- Analyzed: 19-Nov-24 13:15 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	123% / NA	127% / 126%		0.505%	
Aroclor-1260	<0.0396 ug/L	110% / NA	109% / 110%		1.01%	
DCBP [surr]	84.0 %	116% / NA	130% / 138%		NA	
TCMX [surr]	121 %	118% / NA	138% / 130%		NA	

Wet Chemistry -- Batch: B411347 (Water)

Prepared: 18-Nov-24 08:58 By: KJ -- Analyzed: 18-Nov-24 08:58 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.002 mg/L	99.0% / 105%	93.0% / NA		5.88%	

Wet Chemistry -- Batch: B411350 (Water)

Prepared: 18-Nov-24 10:39 By: CGF -- Analyzed: 18-Nov-24 10:39 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	99.9% / NA	NA / NA		0.287%	

Total Metals -- Batch: B411370 (Water)

Prepared: 19-Nov-24 10:03 By: JY -- Analyzed: 19-Nov-24 10:03 By: JY

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	91.0% / NA	96.3% / 98.6%		2.35%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B411376 (Water)****Prepared: 19-Nov-24 13:00 By: TB -- Analyzed: 20-Nov-24 12:36 By: TB**

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	85.3% / NA	67.3% / 71.5%		6.02%	
1,2,4-Trichlorobenzene	<1.69 ug/L	72.4% / NA	40.4% / 49.7%		20.6%	
1,4-Naphthoquinone	<3.00 ug/L	80.9% / NA	80.3% / 83.0%		3.31%	
1-Naphthylamine	<0.360 ug/L	57.6% / NA	56.8% / 56.6%		0.340%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	91.6% / NA	87.8% / 92.2%		4.87%	
2,4,5-Trichlorophenol	<1.91 ug/L	84.3% / NA	83.4% / 87.9%		5.21%	
2,4,6-Trichlorophenol	<1.06 ug/L	81.4% / NA	82.7% / 83.0%		0.389%	
2,4-Dichlorophenol	<0.449 ug/L	81.2% / NA	79.3% / 80.4%		1.40%	
2,4-Dimethylphenol	<1.12 ug/L	69.5% / NA	69.0% / 70.4%		2.10%	
2,4-Dinitrophenol	<2.25 ug/L	87.0% / NA	88.9% / 86.0%		3.32%	
2,4-Dinitrotoluene	<0.656 ug/L	80.5% / NA	80.5% / 79.8%		0.890%	
2,6-Dichlorophenol	<0.354 ug/L	83.8% / NA	80.4% / 82.3%		2.32%	
2,6-Dinitrotoluene	<0.656 ug/L	84.6% / NA	85.4% / 86.0%		0.672%	
2-Acetylaminofluorene	<0.275 ug/L	89.6% / NA	90.6% / 90.7%		0.111%	
2-Chloronaphthalene	<1.97 ug/L	67.7% / NA	56.4% / 63.2%		11.3%	
2-Chlorophenol	<1.11 ug/L	70.5% / NA	67.5% / 69.7%		3.23%	
2-Methylnaphthalene	<1.54 ug/L	73.9% / NA	55.7% / 61.8%		10.5%	
2-Methylphenol	<0.462 ug/L	73.4% / NA	73.0% / 70.9%		2.97%	
2-Naphthylamine	<0.190 ug/L	58.5% / NA	58.7% / 57.9%		1.47%	
2-Nitrophenol	<1.12 ug/L	75.7% / NA	71.8% / 71.2%		0.840%	
2-Picoline	<0.0973 ug/L	39.1% / NA	56.0% / 53.3%		4.94%	E21
3 & 4-Methylphenol	<0.501 ug/L	77.9% / NA	76.2% / 76.2%		0.00347%	
3,3-Dichlorobenzidine	<1.30 ug/L	76.1% / NA	73.4% / 72.9%		0.673%	
3,3'-Dimethylbenzidine	<0.538 ug/L	41.1% / NA	42.4% / 40.1%		5.45%	
3-Methylcholanthrene	<0.330 ug/L	81.5% / NA	81.3% / 81.4%		0.172%	
4,6-Dinitro-o-cresol	<2.96 ug/L	90.6% / NA	93.1% / 96.6%		3.63%	
4-Aminobiphenyl	<0.199 ug/L	114% / NA	117% / 117%		0.771%	
4-Bromophenyl-phenylether	<1.47 ug/L	96.3% / NA	94.6% / 97.4%		2.94%	
4-Chloro-3-methylphenol	<1.75 ug/L	73.4% / NA	74.7% / 73.1%		2.12%	
4-Chloroaniline	<0.609 ug/L	73.8% / NA	71.4% / 71.1%		0.430%	
4-Chlorophenyl-phenylether	<1.68 ug/L	92.0% / NA	86.8% / 91.2%		4.94%	
4-Nitroaniline	<0.953 ug/L	78.4% / NA	76.8% / 77.6%		1.05%	
4-Nitrophenol	<2.22 ug/L	78.1% / NA	76.3% / 76.0%		0.403%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	78.3% / NA	76.7% / 83.4%		8.38%	
5-Nitro-o-toluidine	<1.00 ug/L	80.0% / NA	80.2% / 77.7%		3.21%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	82.2% / NA	83.3% / 83.3%		0.0276%	
Acenaphthene	<1.88 ug/L	84.5% / NA	78.2% / 81.9%		4.64%	
Acenaphthylene	<1.53 ug/L	90.5% / NA	82.3% / 88.2%		6.90%	
Acetophenone	<0.323 ug/L	68.1% / NA	64.0% / 65.9%		2.82%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec / NA	No Rec / No Rec		NA	NREC
Aniline	<1.48 ug/L	57.5% / NA	60.1% / 56.5%		6.10%	
Anthracene	<0.566 ug/L	78.3% / NA	77.1% / 79.4%		2.89%	
Aramite	<20.0 ug/L	NA / NA	NA / NA		NA	NS
Benzo (a) anthracene	<0.475 ug/L	81.6% / NA	80.5% / 81.5%		1.14%	
Benzo[a]pyrene	<0.566 ug/L	84.2% / NA	84.2% / 84.2%		0.0599%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B411376 (Water)****Prepared: 19-Nov-24 13:00 By: TB -- Analyzed: 20-Nov-24 12:36 By: TB**

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Benzo[b]fluoranthene	<0.482 ug/L	93.0% / NA	91.6% / 93.4%		1.89%	
Benzo[g,h,i]perylene	<0.529 ug/L	84.8% / NA	83.6% / 84.4%		0.969%	
Benzo[k]fluoranthene	<0.516 ug/L	86.2% / NA	83.8% / 84.3%		0.564%	
Benzyl alcohol	<0.992 ug/L	62.5% / NA	62.2% / 61.4%		1.21%	E21
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	73.4% / NA	67.3% / 70.3%		4.35%	
Bis(2-chloroethoxy)methane	<1.04 ug/L	97.5% / NA	93.0% / 95.6%		2.79%	
Bis(2-chloroethyl)ether	<1.46 ug/L	73.0% / NA	68.5% / 73.1%		6.47%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	79.1% / NA	79.4% / 80.0%		0.827%	
Butylbenzylphthalate	<1.18 ug/L	79.6% / NA	78.1% / 78.4%		0.354%	
Chlorobenzilate	<0.321 ug/L	78.8% / NA	80.5% / 82.7%		2.69%	
Chrysene	<0.489 ug/L	85.0% / NA	84.5% / 85.5%		1.13%	
Diallate	<0.713 ug/L	89.3% / NA	87.4% / 88.4%		1.18%	
Dibenz[a,h]anthracene	<0.843 ug/L	86.7% / NA	85.2% / 86.1%		1.08%	
Dibenzofuran	<1.36 ug/L	80.8% / NA	76.0% / 80.4%		5.68%	
Diethylphthalate	<0.668 ug/L	85.7% / NA	85.4% / 85.5%		0.126%	
Dimethoate	<1.00 ug/L	NA / NA	NA / NA		NA	NS
Dimethylphthalate	<0.516 ug/L	86.0% / NA	86.4% / 87.3%		1.03%	
Di-n-butylphthalate	<1.33 ug/L	83.6% / NA	82.2% / 83.5%		1.63%	
Di-n-octylphthalate	<1.43 ug/L	81.7% / NA	81.0% / 81.5%		0.689%	
Disulfoton	<0.300 ug/L	NA / NA	NA / NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	64.2% / NA	63.0% / 63.1%		0.189%	
Famphur	<2.00 ug/L	NA / NA	NA / NA		NA	NS
Fluoranthene	<0.575 ug/L	78.2% / NA	78.2% / 77.9%		0.386%	
Fluorene	<1.43 ug/L	86.0% / NA	80.4% / 83.1%		3.30%	
Hexachlorobenzene	<1.27 ug/L	91.4% / NA	93.3% / 95.8%		2.69%	
Hexachlorobutadiene	<2.52 ug/L	73.4% / NA	31.1% / 40.2%		25.5%	
Hexachlorocyclopentadiene	<2.71 ug/L	71.6% / NA	39.3% / 48.5%		20.8%	
Hexachloroethane	<0.958 ug/L	50.5% / NA	25.2% / 29.7%		16.3%	
Hexachlorophene	<0.167 ug/L	NA / NA	NA / NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	61.3% / NA	27.1% / 34.7%		24.6%	D
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	83.7% / NA	82.7% / 84.2%		1.83%	
Isodrin	<0.284 ug/L	80.1% / NA	78.3% / 81.5%		4.00%	
Isophorone	<2.23 ug/L	73.5% / NA	70.6% / 70.5%		0.114%	
Isosafrole	<0.216 ug/L	35.3% / NA	30.0% / 32.0%		6.73%	
Kepone	<0.420 ug/L	55.3% / NA	55.6% / 55.9%		0.552%	E2-F
m-Dinitrobenzene	<0.359 ug/L	76.6% / NA	77.2% / 79.1%		2.52%	E21
Methapyrilene	<3.00 ug/L	NA / NA	NA / NA		NA	E-01, E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	54.2% / NA	51.5% / 52.4%		1.61%	E21, E2-F
Methyl parathion	<0.230 ug/L	NA / NA	NA / NA		NA	NS
m-Nitroaniline	<0.308 ug/L	84.2% / NA	83.0% / 85.4%		2.92%	
Nitrobenzene	<1.42 ug/L	71.6% / NA	67.2% / 69.9%		3.88%	
N-Nitrosodiethylamine	<0.497 ug/L	64.2% / NA	62.9% / 64.7%		2.68%	
N-Nitrosodimethylamine	<0.372 ug/L	45.5% / NA	43.9% / 46.3%		5.23%	E21
N-Nitrosodi-n-butylamine	<0.331 ug/L	69.1% / NA	66.0% / 67.2%		1.78%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	77.0% / NA	72.9% / 72.9%		0.112%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	73.1% / NA	72.5% / 76.0%		4.61%	
N-Nitrosomethylethylamine	<0.244 ug/L	97.3% / NA	94.7% / 98.1%		3.60%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B411376 (Water)****Prepared: 19-Nov-24 13:00 By: TB -- Analyzed: 20-Nov-24 12:36 By: TB**

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
N-Nitrosomorpholine	<1.00 ug/L	96.6% / NA	92.4% / 92.3%		0.174%	
N-Nitrosopiperidine	<0.298 ug/L	104% / NA	100% / 102%		1.75%	E-01
N-Nitrosopyrrolidine	<1.00 ug/L	65.6% / NA	65.6% / 64.5%		1.62%	
O,O,O-Triethyl phosphorothioate	<0.0186 ug/L	NA / NA	NA / NA		NA	NS
o,o-Diethyl o-2-pyrazinyl	<0.204 ug/L	NA / NA	NA / NA		NA	NS
o-Nitroaniline	<1.90 ug/L	80.5% / NA	79.8% / 81.8%		2.52%	
o-Toluidine	<0.196 ug/L	54.9% / NA	53.1% / 53.4%		0.443%	
Parathion	<0.224 ug/L	NA / NA	NA / NA		NA	NS
p-Dimethylaminoazobenzene	<0.259 ug/L	79.8% / NA	79.1% / 81.7%		3.23%	
Pentachlorobenzene	<0.133 ug/L	95.8% / NA	90.0% / 93.8%		4.20%	
Pentachloroethane	<5.68 ug/L	48.3% / NA	29.0% / 34.4%		17.0%	J
Pentachloronitrobenzene	<0.258 ug/L	89.3% / NA	88.5% / 89.5%		1.10%	
Pentachlorophenol	<1.28 ug/L	87.6% / NA	85.8% / 85.1%		0.826%	
Phenacetin	<0.200 ug/L	94.2% / NA	92.4% / 92.2%		0.212%	
Phenanthrene	<0.572 ug/L	82.6% / NA	81.8% / 84.1%		2.81%	
Phenol	<0.348 ug/L	52.7% / NA	50.6% / 50.9%		0.622%	
Phorate	<0.200 ug/L	NA / NA	NA / NA		NA	NS
p-Phenylenediamine	<390 ug/L	No Rec / NA	No Rec / No Rec		%	NREC
Pronamide	<0.265 ug/L	79.9% / NA	81.7% / 82.3%		0.657%	
Pyrene	<0.489 ug/L	81.5% / NA	78.3% / 81.7%		4.18%	
Pyridine	<1.39 ug/L	24.3% / NA	30.8% / 28.1%		9.26%	
Safrole	<0.484 ug/L	142% / NA	130% / 138%		6.26%	
Sulfotep	<0.344 ug/L	NA / NA	NA / NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	71.5% / NA	71.4% / 72.9%		2.08%	
2,4,6-Tribromophenol [surr]	90.1 %	89.9% / NA	86.2% / 91.6%		NA	
2-Fluorobiphenyl [surr]	69.1 %	71.7% / NA	63.9% / 69.8%		NA	
2-Fluorophenol [surr]	55.8 %	58.0% / NA	53.8% / 55.1%		NA	
Nitrobenzene-d5 [surr]	62.9 %	65.7% / NA	60.0% / 62.7%		NA	
Phenol-d5 [surr]	45.4 %	48.0% / NA	43.1% / 46.0%		NA	
Terphenyl-d14 [surr]	84.7 %	78.1% / NA	74.0% / 76.7%		NA	

Anions -- Batch: B411377 (Water)**Prepared: 19-Nov-24 15:00 By: MB -- Analyzed: 19-Nov-24 18:55 By: MB**

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Fluoride	<0.089 mg/L	91.8% / NA	96.4% / 96.3%		0.0831%	

Herbicides -- Batch: B411389 (Water)**Prepared: 19-Nov-24 13:45 By: TB -- Analyzed: 20-Nov-24 16:32 By: TB**

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
2,4,5-TP (Silvex)	<0.790 ug/L	111% / NA	111% / 110%		0.435%	
2,4-D	<0.964 ug/L	88.9% / NA	86.4% / 90.7%		4.80%	
DCAA [surr]	95.8 %	107% / NA	102% / 107%		NA	

26 November 2024



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B411391 (Water)

Prepared: 20-Nov-24 09:00 By: KJ -- Analyzed: 20-Nov-24 09:00 By: KJ

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
Sulfide	<0.0203 mg/L	97.5% / 100%	106% / NA		3.03%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS**Volatiles -- Batch: B411394 (Water)****Prepared: 20-Nov-24 09:43 By: jb -- Analyzed: 20-Nov-24 15:44 By: jb**

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	100% / 106%	102% / NA		5.31%	
1,1,1-Trichloroethane	<0.261 ug/L	118% / 120%	118% / NA		1.59%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	106% / 106%	95.9% / NA		0.584%	
1,1,2-Trichloroethane	<0.210 ug/L	110% / 107%	108% / NA		2.60%	
1,1-Dichloroethane	<0.248 ug/L	118% / 120%	121% / NA		2.13%	
1,1-Dichloroethene	<0.303 ug/L	120% / 124%	122% / NA		3.70%	
1,2,3-Trichloropropane	<0.471 ug/L	110% / 108%	110% / NA		1.68%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	98.1% / 102%	103% / NA		3.66%	
1,2-Dibromoethane	<0.250 ug/L	110% / 107%	109% / NA		3.30%	
1,2-Dichlorobenzene	<0.173 ug/L	107% / 111%	109% / NA		3.22%	
1,2-Dichloroethane	<0.235 ug/L	106% / 107%	109% / NA		1.19%	
1,2-Dichloropropane	<0.259 ug/L	108% / 110%	112% / NA		1.70%	
1,3-Dichlorobenzene	<0.220 ug/L	109% / 112%	112% / NA		2.21%	
1,4-Dichlorobenzene	<0.158 ug/L	107% / 110%	112% / NA		2.76%	
2-Butanone	<0.461 ug/L	106% / 104%	110% / NA		1.21%	
2-Hexanone	<0.372 ug/L	94.2% / 91.4%	98.1% / NA		3.04%	
4-Methyl-2-pentanone	<0.281 ug/L	98.1% / 95.1%	98.5% / NA		3.12%	
Acetone	<1.49 ug/L	102% / 93.8%	113% / NA		8.06%	
Acetonitrile	<12.4 ug/L	86.1% / 82.4%	MBI / NA		4.46%	MBI
Acrolein	<1.00 ug/L	97.2% / 95.1%	82.3% / NA		2.18%	
Acrylonitrile	<0.389 ug/L	222% / 219%	MBI / NA		1.54%	%D2, E-01, MBI
Allyl chloride	<0.539 ug/L	94.4% / 94.0%	MBI / NA		0.425%	MBI
Benzene	<0.263 ug/L	119% / 122%	121% / NA		1.92%	
Bromodichloromethane	<0.195 ug/L	109% / 110%	107% / NA		0.668%	
Bromoform	<0.278 ug/L	92.4% / 94.7%	94.4% / NA		2.43%	
Bromomethane	<0.530 ug/L	91.7% / 96.6%	97.7% / NA		5.15%	
Carbon disulfide	<0.300 ug/L	117% / 128%	125% / NA		8.27%	%D2, D
Carbon Tetrachloride	<0.484 ug/L	109% / 112%	111% / NA		2.74%	
Chlorobenzene	<0.181 ug/L	109% / 112%	111% / NA		2.78%	
Chloroethane	<0.392 ug/L	113% / 115%	117% / NA		1.00%	
Chloroform	<0.244 ug/L	117% / 121%	133% / NA		3.33%	
Chloromethane	<0.155 ug/L	103% / 105%	104% / NA		1.90%	
Chloroprene	<1.00 ug/L	94.3% / 95.3%	96.5% / NA		0.979%	
cis-1,3-Dichloropropene	<0.123 ug/L	108% / 108%	107% / NA		0.218%	
Dibromochloromethane	<0.202 ug/L	103% / 102%	101% / NA		1.51%	
Dibromomethane	<0.174 ug/L	106% / 107%	108% / NA		0.776%	
Dichlorodifluoromethane	<0.266 ug/L	92.9% / 92.5%	94.6% / NA		0.507%	
Ethyl Methacrylate	<0.843 ug/L	104% / 103%	107% / NA		1.53%	
Ethylbenzene	<0.274 ug/L	110% / 111%	114% / NA		1.28%	
Iodomethane	<0.432 ug/L	119% / 121%	125% / NA		1.62%	
Isobutyl alcohol	<1.68 ug/L	78.8% / 83.0%	114% / NA		5.18%	
m,p-Xylene	<0.500 ug/L	108% / 111%	115% / NA		2.44%	
Methacrylonitrile	<3.29 ug/L	88.1% / 85.5%	87.3% / NA		2.94%	
Methyl Methacrylate	<0.806 ug/L	90.0% / 91.1%	92.6% / NA		1.25%	
Methylene Chloride	<0.212 ug/L	114% / 115%	MBI / NA		0.386%	MBI
Naphthalene	<0.114 ug/L	108% / 107%	112% / NA		0.611%	
o-Xylene	<0.206 ug/L	109% / 112%	113% / NA		2.44%	
Propionitrile	<2.28 ug/L	88.1% / 85.4%	88.0% / NA		3.06%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS

Volatiles -- Batch: B411394 (Water)

Prepared: 20-Nov-24 09:43 By: jb -- Analyzed: 20-Nov-24 15:44 By: jb

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	110%	/ 113%	111%	/ NA		3.33%	
Tetrachloroethene	<0.268 ug/L	108%	/ 112%	116%	/ NA		3.35%	
Toluene	<0.295 ug/L	112%	/ 115%	MBI	/ NA		3.31%	MBI
trans-1,2-Dichloroethene	<0.320 ug/L	118%	/ 116%	119%	/ NA		1.70%	
trans-1,3-Dichloropropene	<0.155 ug/L	99.5%	/ 101%	97.5%	/ NA		1.14%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	74.8%	/ 72.0%	74.4%	/ NA		3.89%	
Trichloroethene	<0.306 ug/L	110%	/ 118%	124%	/ NA		7.21%	
Trichlorofluoromethane	<0.423 ug/L	113%	/ 114%	113%	/ NA		1.02%	
Vinyl acetate	<0.880 ug/L	85.2%	/ 77.5%	45.2%	/ NA		9.41%	
Vinyl chloride	<0.369 ug/L	103%	/ 106%	106%	/ NA		3.12%	
1,2-Dichloroethane-d4 [surr]	103 %	106%	/ 105%	103%	/ NA		NA	
4-Bromofluorobenzene [surr]	100 %	101%	/ 102%	100%	/ NA		NA	
Toluene-d8 [surr]	100 %	101%	/ 101%	101%	/ NA		NA	

Pesticides -- Batch: B411398 (Water)

Prepared: 20-Nov-24 11:22 By: TB -- Analyzed: 25-Nov-24 11:48 By: TB

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
4,4'-DDD	<0.009 ug/L	68.5%	/ NA	65.3%	/ 64.8%		0.728%	
4,4'-DDE	<0.004 ug/L	67.0%	/ NA	61.9%	/ 62.3%		0.577%	
4,4'-DDT	<0.004 ug/L	59.7%	/ NA	55.9%	/ 55.7%		0.495%	
Aldrin	<0.003 ug/L	60.7%	/ NA	54.4%	/ 56.3%		3.40%	
alpha-BHC	<0.003 ug/L	73.8%	/ NA	66.7%	/ 68.0%		1.86%	
beta-BHC	<0.005 ug/L	60.7%	/ NA	56.6%	/ 58.9%		3.89%	
delta-BHC	<0.002 ug/L	81.7%	/ NA	76.3%	/ 77.0%		0.848%	
Dieldrin	<0.004 ug/L	67.0%	/ NA	62.3%	/ 64.3%		3.26%	
Endosulfan I	<0.003 ug/L	74.5%	/ NA	68.6%	/ 69.9%		1.85%	
Endosulfan II	<0.005 ug/L	64.5%	/ NA	60.6%	/ 61.4%		1.33%	
Endosulfan sulfate	<0.004 ug/L	61.2%	/ NA	57.8%	/ 58.7%		1.41%	
Endrin	<0.006 ug/L	77.3%	/ NA	72.1%	/ 69.1%		4.25%	
Endrin aldehyde	<0.021 ug/L	76.9%	/ NA	71.9%	/ 74.2%		3.10%	
gamma-BHC (Lindane)	<0.002 ug/L	101%	/ NA	48.6%	/ 53.7%		10.0%	J
Heptachlor	<0.003 ug/L	48.5%	/ NA	43.1%	/ 45.3%		4.97%	
Heptachlor epoxide	<0.002 ug/L	66.5%	/ NA	61.3%	/ 62.7%		2.20%	
Methoxychlor	<0.020 ug/L	59.3%	/ NA	52.9%	/ 56.8%		7.09%	
DCBP [surr]	47.1 %	43.8%	/ NA	38.3%	/ 40.9%		NA	
TCMX [surr]	45.7 %	36.8%	/ NA	31.6%	/ 33.1%		NA	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: November 2024
Date Received: 15-Nov-24 13:14

QUALITY CONTROL RESULTS

Total Metals -- Batch: B411518 (Water)

Prepared: 22-Nov-24 15:20 By: ST -- Analyzed: 25-Nov-24 13:56 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	100% / NA	103% / 99.9%		2.94%	
Arsenic	<0.052 ug/L	102% / NA	116% / 113%		2.74%	
Barium	<0.078 ug/L	97.5% / NA	97.4% / 95.9%		1.13%	
Beryllium	<0.074 ug/L	98.0% / NA	76.6% / 72.4%		5.55%	%D1
Cadmium	<0.038 ug/L	102% / NA	98.0% / 94.8%		3.25%	
Chromium	<0.0751 ug/L	104% / NA	102% / 102%		0.338%	
Cobalt	<0.035 ug/L	104% / NA	111% / 100%		10.3%	
Copper	<0.149 ug/L	105% / NA	104% / 99.5%		4.10%	
Lead	<0.115 ug/L	102% / NA	105% / 102%		2.73%	
Nickel	<0.42 ug/L	104% / NA	106% / 102%		4.47%	
Selenium	<1.50 ug/L	98.0% / NA	115% / 97.7%		16.3%	
Silver	<0.099 ug/L	102% / NA	103% / 101%		2.12%	
Thallium	<0.035 ug/L	102% / NA	106% / 104%		1.76%	
Tin	<1.62 ug/L	101% / NA	99.5% / 95.6%		4.00%	
Vanadium	<0.042 ug/L	101% / NA	105% / 107%		1.32%	
Zinc	<4.89 ug/L	107% / NA	114% / 104%		8.98%	

QUALIFIER(S)

*%D1:	Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*%D2:	Laboratory Control Spike and/or Laboratory Control Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*D:	RPD Value Does Not Meet Laboratory Acceptance Criteria
*E-01:	Estimated Result; This Analyte Failed "High" in the CCV; If the sample is non-detect for this analyte, the CCV demonstrated the analyte would have been detected were it present.
*E2:	Estimated Result; Analyzed Outside of Holding Time
*E20:	Estimated Result Due to Matrix Spike and/or Matrix Spike Duplicate Failure; This sample was used as the "parent sample" in MS/MSD prep.
*E21:	Estimated Result; This Analyte failed (low) in the CCV.
*E2-A:	Estimated Result due to Absence of Second Source
*E2-F:	Second Source Verification Failure
*E5:	Estimated Result Due to Quality Control Failure
*J:	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
*MBI:	Masked By Interference
*NREC:	No Recovery
*NS:	Analyte was Not Spiked for in the QC (LCS, LCSD, MS, MSD).

All Analysis performed according to EPA approved methodology when available :
 SW 846, Revised December, 1996; EPA 600/4-79-020, Revised March, 1983; Standard Methods.
 Instrument calibration and quality control samples performed at or above frequency specified in analytical method.

Reviewed by:



Norma James
 Technical Director



8100 National Dr.
Little Rock, AR 72209
PHONE: 501-455-3233
FAX: 501-455-6118

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			Project Description		Turnaround Time	Preservation Codes:										
Veolia Gum Springs Facility			Quarterly Groundwater Samples		1 Day (100%)	1. Cool, 6 Degrees Centigrade					4. Thiosulfate for Dechlorination					
500 East Reynolds Rd.			Appendix IX		2 Day (50%)	2. Sulfuric Acid (H ₂ SO ₄), pH < 2					5. Hydrochloric Acid(HCl)					
Arkadelphia, AR 71923			Reporting Information		3 Day (25%)	3. Nitric Acid (HNO ₃), pH < 2					6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Cole Clark			Telephone: 870-245-2720		5 Day (Routine)	TEST PARAMETERS										Bottle Type Code
			Fax: 870-246-7344		Preservative Code:	1	1,6, Zn Acetate	1,6	1,5	1,3	1	1	1	1	G = Glass; P = Plastic	
			Email: SEE BELOW		Bottle Type:	P	P	P	GV	P	GA	GA	GA	GA	V = Septum; A = Amber	
Sampler(s) Signature			Sampler(s) Printed			pH (SM 4500), Fluoride (EPA 300.0)	Sulfide (SM 4500 S2 D)	Cyanide (SM 4500 CN-E)	Appendix IX Volatiles (8260)	Appendix IX (6020-Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Ti, Sn, V, Zn), (7470A-Hg)	Appendix IX Herbicides (8151) POB (A)	Appendix IX Pesticides (8081) / Appendix IX PCBs (8082)	Appendix IX SemiVolatiles (8270)	**Appendix IX Dioxin, Furans (SUBCONTRACT)**	Arkansas Analytical Work Order Number:	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	IDENTIFICATION/ DESCRIPTION									
	Date/s	Time/s														
	11-15-24	945	X		12	Water	MW-4S									01
	11-15-24	905	X		12	Water	MW-6S									02
	11-15-24	825	X		12	Water	MW-8S									03
	11-15-24	1035	X		12	Water	MW-18S									04
			X		12	Water										
			X		12	Water										
			X		12	Water										
			X		12	Water										
			X		12	Water	Field Blank	X	X	X	X	X	X	X	X	
			X		3	Water	EQ Blank				X					
			X		3	Water	Trip Blank				X					
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB					REMARKS / SAMPLE COMMENTS			
Wes Williams			11-15-24					1. CUSTODY SEALS: Yes ___ No ___					Email:			
								2. CONTAINERS CORRECT: Yes ___ No ___					Cole Clark - cole.clark@veolia.com			
								3. COC/LABELS AGREE: Yes ___ No ___					David Jaros - david.jaros@terracon.com			
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			4. RECEIVED ON ICE: Yes ___ No ___					Paul Gramling - paul.gramling@terracon.com			
			11-15-24		Hatche Paul			5. TEMPERATURE ON RECEIPT: 5 °C					Matt Acree - Matt.Acree@terracon.com			
			13:14					6. TEMPERATURE GUN ID: HHT# 5								
FOR COMPLETION BY LAB ONLY																

APPENDIX C

Key to Parameter Abbreviations/Historical Database

Key to Parameter Abbreviations

<u>PARAMETER</u>	<u>NAME</u>
Sb	Antimony
As	Arsenic
Ba	Barium
Be	Beryllium
Cd	Cadmium
Co	Cobalt
Cu	Copper
Cr	Chromium
Cyanide	Cyanide
Fluoride	Fluoride
Ni	Nickel
Pb	Lead
Se	Selenium
SO4	Sulfate
Ag	Silver
Tl	Thallium
TDS	Total Dissolved Solids
V	Vanadium
Zn	Zinc
Avg. Spec. Cond.	Average Specific Conductance
Avg. Turb.	Average Turbidity

Elemental Environmental Solutions
Fourth Quarter 2024

		Sn (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Cu (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-1A	u																
	5/11/2020	<2	n/a	0.492	44	<2	n/a	0.047(J)	0.929	0.306	1.08	n/a	n/a	0.872	n/a	n/a	n/a
	8/4/2020	0.666(J)	n/a	0.562	31.5	<2	n/a	<1	0.73	0.0011	1.07	n/a	n/a	0.275	n/a	n/a	n/a
	11/3/2020	<2	n/a	0.333	34.8	<2	n/a	<1	0.777	0.00014	0.559	n/a	n/a	0.438	n/a	n/a	n/a
	2/23/2021	<2	n/a	0.443	31.3	<0.25	n/a	<0.25	0.669	0.154(J)	1.26	n/a	n/a	0.229(J)	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.307	28.4	<0.26	n/a	<0.26	0.571	0.168(J)	0.554	n/a	n/a	0.233(J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a	0.261	26.6	<0.26	n/a	0.054	0.387	0.403	0.585	n/a	n/a	0.229	n/a	n/a	<0.2
	11/9/2021	<2	n/a	0.323	28	<0.26	n/a	<0.26	0.555	0.12	0.442	n/a	n/a	0.138	n/a	n/a	<0.2
	3/3/2022	<2	n/a	0.807	36.7	0.093	n/a	<0.26	0.682	0.259	0.57	n/a	n/a	0.426	n/a	n/a	<0.2
	5/23/2022	0.891(J)	n/a	0.58	52.5	<0.260	n/a	<0.260	1.02	0.053(J)	0.319(J)	n/a	n/a	<0.260	n/a	n/a	<0.200
	8/25/2022	1.15	n/a	0.474	35.2	<0.260	n/a	<0.260	0.873	0.064	0.881	n/a	n/a	0.25	n/a	n/a	<0.200
	3/14/2023	0.551	n/a	0.824	58.5	<0.260	n/a	<0.260	0.577	0.076	0.448	n/a	n/a	0.11	n/a	n/a	<0.200
	8/15/2023	<2.08	n/a	0.329	30.9	<0.260	n/a	<0.260	0.708	0.202 (J)	0.799	n/a	n/a	0.224 (J)	n/a	n/a	<0.200
	3/6/2024	0.908	n/a	0.357	47.3	<0.260	n/a	<0.260	0.969	0.063	0.39	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/23/2024	1.45	n/a	0.584	62.1	<0.260	n/a	<0.260	1.86	0.038	0.33	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-2	u																
	12/23/1992	<3	n/a	6	56	<0.2	n/a	0.4	<50	<1	<20	3365	n/a	3	n/a	n/a	n/a
	1/28/1993	<3	n/a	2	31	<0.2	n/a	0.5	<50	<1	<20	3180	n/a	12	n/a	n/a	n/a
	2/18/1993	<3	n/a	<1	14	0.35	n/a	<0.1	<50	<1	<20	2690	n/a	10	n/a	n/a	n/a
	3/10/1993	<3	n/a	<1	17	<0.2	n/a	<0.1	<50	<1	<20	2780	n/a	5	n/a	n/a	n/a
	12/28/1993	<3	n/a	2	29	<0.2	n/a	<0.1	<50	<1	<20	2660	n/a	10	n/a	n/a	n/a
	3/29/1994	<3	n/a	2	25	<0.2	n/a	<0.1	<50	<1	<20	2400	n/a	13	n/a	n/a	n/a
	6/29/1994	<3	n/a	<2	28	<0.2	n/a	0.3	<50	<1	<20	2740	n/a	<1	n/a	n/a	n/a
	9/30/1994	<3	n/a	4	78	<0.2	n/a	2.5	<50	3	20	5080	n/a	23	n/a	n/a	n/a
	3/8/1995	<3	n/a	<1	30	0.02	n/a	<0.1	<50	3	<20	5720	n/a	4	n/a	n/a	n/a
	9/28/1995	<3	n/a	<1	43	0.2	n/a	<0.1	<50	3	<20	4360	n/a	14	n/a	n/a	n/a
	4/1/1996	<3	n/a	<1	30	0.3	n/a	<0.1	<50	3	<20	4110	n/a	2	n/a	n/a	n/a
	9/26/1996	<3	n/a	<1	35	<0.2	n/a	<0.1	<50	1	<20	4900	n/a	2	n/a	n/a	n/a
	3/20/1997	<3	n/a	<1	15	<0.2	n/a	<0.1	<80	1	<20	2740	n/a	<1	n/a	n/a	n/a
	8/28/1997	<3	n/a	<1	26	<0.2	n/a	<0.1	<80	2	<20	2960	n/a	<1	n/a	n/a	n/a
	3/25/1998	<3	n/a	<1	17	<0.2	n/a	<0.1	<80	<1	<30	2830	n/a	5	n/a	n/a	n/a
	9/21/1998	<3	n/a	<1	14	<0.2	n/a	<0.1	<80	<1	<30	3270	n/a	<1	n/a	n/a	n/a
	3/25/1999	<3	n/a	<1	34	<0.2	n/a	<0.1	<80	2	<30	3400	n/a	1	n/a	n/a	n/a
	9/29/1999	<3	n/a	<1	11	<0.2	n/a	<0.1	<80	<1	<30	1410	n/a	1	n/a	n/a	n/a
	3/21/2000	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	2	n/a	n/a	n/a
	9/21/2000	n/a	n/a	<1	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	3/29/2001	n/a	n/a	<1	10	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/31/2001	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2004	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/9/2005	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/21/2006	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	12	0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	2/8/2008	n/a	n/a	<1	13	0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/14/2008	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/11/2009	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	<1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a	<0.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	26.2	<2	7.55	<2	32100	<1	<2	<2	1.48	394	2400	<2	2860	140	n/a
	11/13/2019	<2	n/a	0.691	24.3	0.092	n/a	<1	11.6	0.933	1.54	n/a	n/a	1.34	n/a	n/a	n/a
	2/25/2020	<2	n/a	0.546	18.1	<2	n/a	<1	6.08	0.595	1.02	n/a	n/a	0.857	n/a	n/a	n/a
	5/11/2020	<2	n/a	0.13(J)	17.5	<2	n/a	<1	1.48	0.000118(J)	0.3(J)	n/a	n/a	0.234(J)	n/a	n/a	2.5E-05(J)
	8/4/2020	<2	n/a	0.119(J)	17.3	<2	n/a	<1	0.781(J)	8.9E-05(J)	0.235(J)	n/a	n/a	0.177(J)	n/a	n/a	n/a
	11/3/2020	<2	n/a	<2	16.2	<2	n/a	<1	0.416	<2	<20	n/a	n/a	0.096	n/a	n/a	n/a
	2/23/2021	<2	n/a	<0.25	16.4	<0.25	n/a	<0.25	0.605	0.047(J)	0.205(J)	n/a	n/a	<0.25	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.075(J)	16.7	<0.26	n/a	<0.26	0.656	0.092(J)	0.292(J)	n/a	n/a	0.113(J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a	0.057	17.6	<0.26	n/a	<0.26	0.707	0.073	0.215	n/a	n/a	0.335	n/a	n/a	0.0175
	11/9/2021	<2	n/a	0.097	19.8	<0.26	n/a	<0.26	2.24	0.129	0.262	n/a	n/a	0.152	n/a	n/a	<0.2
	3/3/2022	<2	n/a	0.064	18.1	<0.26	n/a	<0.26	0.8	0.087	0.133	n/a	n/a	<0.26	n/a	n/a	<0.2
	5/23/2022	0.343(J)	n/a	0.099(J)	19.6	<0.260	n/a	<0.260	1.61	0.153(J)	9.91	n/a	n/a	0.161(J)	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a	<0.260	21.1	<0.260	n/a	<0.260	0.932	0.123	0.171	n/a	n/a	0.092	n/a	n/a	<0.200
	3/14/2023	1.72(J)	n/a	0.101	20.3	<0.260	n/a	<0.260	2.26	0.19	0.185	n/a	n/a	0.147	n/a	n/a	<0.200
	8/15/2023	1.55(J)	n/a	0.080(J)	19.2	<0.260	n/a	<0.260	1.92	0.236(J)	0.274(J)	n/a	n/a	<0.416	n/a	n/a	<0.200
	3/6/2024	0.975	n/a	<0													

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-1A	u																	
	5/11/2020	0.78	<2	<2	n/a	<2	<2	0.905	7.57(J)	259	n/a	<5	<50	n/a	n/a	6.92	2570	2.07
	8/4/2020	0.58	<2	<2	n/a	<2	<2	6.12	8.93(J)	308	n/a	<5	<50	n/a	n/a	7.26	1383	4.87
	11/3/2020	<40	<2	<2	n/a	<2	<2	0.669	<10	308	n/a	<5	<50	n/a	n/a	6.77	2490	3.11
	2/23/2021	0.52	<5	<0.3	n/a	<0.25	<20	0.824	<20	306	n/a	<5	<150	n/a	n/a	7.06	3060	1.5
	5/12/2021	3.2	<5.2	<0.312	n/a	<0.26	<20.8	0.693	8.02(J)	324	n/a	<5	<150	n/a	n/a	7.16	1299	1.41
	8/24/2021	0.71	<5	<0.3	n/a	<0.26	<20	0.381	8.56	272	n/a	<5	<150	n/a	n/a	8.31	1299	1.06
	11/9/2021	0.75	<5	<0.3	n/a	<0.26	<20	0.727	<20.8	497	n/a	<5	<150	n/a	n/a	7.15	2920	1.06
	3/3/2022	1.21	<5	0.202	n/a	<0.26	<20	1.37	6.1	417	n/a	<5	<150	n/a	n/a	7.03	2610	7.21
	5/23/2022	0.35(J)	<5.20	<0.312	n/a	<0.260	<20.8	1.26	<20.8	498	n/a	<5	<150	n/a	n/a	7.1	2860	4.11
	8/25/2022	0.55	<5.20	<0.312	n/a	<0.260	<20.8	1.04	<20.8	430	n/a	<5	<150	n/a	n/a	7.46	1785	12.6
	3/14/2023	0.48	<5.20	<0.312	n/a	<0.260	<20.8	1.98	<20.8	499	n/a	<5	<150	n/a	n/a	7.22	2090	2.59
	8/15/2023	0.76	<5.20	<0.312	n/a	<0.260	<20.8	0.948	<20.8	432	n/a	<5	<150	n/a	n/a	6.42	2510	7.23
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	1.02	<20.8	435	n/a	<5	26	n/a	n/a	6.6	3300	2.67
	8/23/2024	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	1.31	<20.8	466	n/a	<5	<150	n/a	n/a	8.47	1541	3.45
MW-2	u																	
	12/23/1992	<40	<2	<0.2	n/a	<1	n/a	<4	<10	290	14400	<5	n/a	29800	231000	6.69	308	26.7
	1/28/1993	<40	<2	2.4	n/a	<1	n/a	<4	<10	290	11100	<5	n/a	44200	217000	6.85	303	17.8
	2/18/1993	<40	<2	<0.2	n/a	<1	n/a	<4	50	270	9200	<5	n/a	38400	226000	6.76	289	9.8
	3/10/1993	<40	<2	0.5	n/a	<1	n/a	8	<10	230	14100	<5	n/a	52200	196000	6.6	334	6.7
	12/28/1993	<40	<2	<0.2	n/a	<1	n/a	6	<10	220	23100	<5	n/a	35100	209000	6.53	267	4.2
	3/29/1994	<40	2	1	n/a	<1	n/a	4	<10	270	10000	<5	n/a	36000	212000	7.08	264	7
	6/29/1994	<40	<2	1.8	n/a	<1	n/a	<4	<10	120	9500	<5	n/a	33400	225000	6.74	264	43
	9/30/1994	<40	<2	6	n/a	<1	n/a	5	60	50	14000	<5	n/a	35000	220000	6.8	254	15.2
	3/8/1995	<30	<2	2.7	n/a	<1	n/a	10	30	300	10000	<5	n/a	33000	228000	6.11	262	25
	9/28/1995	<30	<2	4	n/a	<1	n/a	14	<10	170	9500	<5	n/a	41700	220000	6.37	256	17.2
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	250	12500	<5	n/a	35700	209000	6.43	252	15.3
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	40	160	10800	<5	n/a	29200	213000	6.46	250	18.3
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	30	300	12500	<5	n/a	28000	198000	6.34	246	6.2
	8/28/1997	<40	<2	<2	n/a	<1	n/a	5	60	280	11100	<5	n/a	31100	176000	6.22	246	9.43
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	210	11200	<5	n/a	25700	250000	6.23	244	6.73
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	290	11000	<5	n/a	24700	215000	5.6	241	15.9
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	160	10700	<5	n/a	25300	198000	5.92	230	41.2
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	220	10600	<20	n/a	23200	203000	6.28	176	15.9
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<20	n/a	n/a	n/a	6.46	229	6.79
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	242	n/a	<20	n/a	n/a	n/a	6.49	258	6.02
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	160	n/a	<20	n/a	n/a	n/a	5.91	247	9.11
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	6.51	248	4.65
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.28	238	8.95
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	170	n/a	<5	n/a	n/a	n/a	6.47	237	6.25
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	330	n/a	<5	n/a	n/a	n/a	6.28	245	4.55
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	11	280	n/a	<5	n/a	n/a	n/a	6.25	241	5.9
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	250	n/a	<5	n/a	n/a	n/a	6.21	234	13.3
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.58	224	7.93
	2/25/2005	n/a	2	<2	n/a	n/a	n/a	n/a	<10	271	n/a	<5	n/a	n/a	n/a	7.22	235	8.7
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	269	n/a	<5	n/a	n/a	n/a	6.29	244	7.01
	2/21/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	360	n/a	<5	n/a	n/a	n/a	6.51	225	2.43
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	291	n/a	<5	n/a	n/a	n/a	6.27	169.4	4.94
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	279	n/a	<5	n/a	n/a	n/a	6.19	241	1.37
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	237	n/a	<5	n/a	n/a	n/a	6.33	231	1.23
	2/8/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<2	n/a	n/a	n/a	6.37	205	1.52
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	253	n/a	<5	n/a	n/a	n/a	6.33	191.1	7.58
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	251	n/a	<5	n/a	n/a	n/a	6.21	233	9.8
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	208	n/a	<5	n/a	n/a	n/a	5.46	238	4.76
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	213	n/a	<5	n/a	n/a	n/a	6.32	235	1.24
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	241	n/a	<5	n/a	n/a	n/a	6.1	129	2.29
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	420	n/a	<2	n/a	n/a	n/a	5.86	221	0.79
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	223	n/a	<2	n/a	n/a	n/a	6.16	229	3.89
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	301	n/a	<2	n/a	n/a	n/a	6.09	232	11.9
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	259	n/a	<2	n/a	n/a	n/a	6.32	248	46.2
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	287	n/a	<5	n/a	n/a	n/a	6.48	164.8	4.73
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	284	n/a	<5	n/a	n/a	n/a	6.04	271	1.19
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	257	n/a	<5	n/a	n/a	n/a	6.3	261	0.84
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	341	n/a	<5	n/a	n/a	n/a	5.87	276	17.6
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	223	n/a	<5	n/a	n/a	n/a	6.46	262	7.16
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	170	n/a	<5	n/a	n/a	n/a	6.23	170	6.11
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	202	n/a	<5	n/a	n/a	n/a	6.37	261	1.07
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	225	n/a	<5	n/a	n/a	n/a	6.35	249	2.25
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	212	n/a	<5	n/a	n/a	n/a	5.02	267	2.37
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	278	n/a	<5	n/a	n/a	n/a	6.32	260	4.96
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	309	n/a	<5	n/a	n/a	n/a	6.33	253	3.92
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	220	n/a	<5	n/a	n/a	n/a	6.29	274	0.62
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	198	n/a	<5	n/a	n/a	n/a	6.24	284	8.85
	9/16/2019	2.03	<2	<2	14800	<2	<2	0.369	2.68	249	n/a	<5	<50	n/a	n/a	6.26	282	5.11
	11/13/2019	9.71	1.08	0.067	n/a	<2	0.769	5.42	8.77	192	n/a	<5	<50	n/a	n/a	6.41	288	6.63
	2/25/2020	6.43	0.653	<2	n/a	<2	<2	2.68	18.7	191	n/a	<5	<50	n/a	n/a	6.31	295	6.94
	5/11/2020	0.77	0.653	<2	n/a	<2	<2	0.656	27.8	208	n/a	<5	<50	n/a	n/a	6.16	293	2.11
	8/4/2020	0.59	n/a	n/a	n/a	<2	<2	0.275	<10	257	n/a	<5	<50	n/a	n/a	6.24	274	3.44
	11/3/2020	0.41	n/a	n/a	n/a	<2	<2	0.044	5.61	262	n/a	<5	<50	n/a	n/a	6.24	301	0.77
	2/23/2021	0.46(J)	<5	<0.3	n/a	<0.25	<20	<0.082(J)	<20	243(J)	n/a	<5	<150	n/a	n/a	6.47	327	1.13
	5/12/2021	1.06	<5.2	<0.312	n/a	<0.26	<20.8	0.223(J)	<20.8	245	n/a	<5	<150	n/a	n/a	6.29		

Elemental Environmental Solutions

Fourth Quarter 2024

			Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Co (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-4	d																	
		6/29/1994	<3	n/a	<2	46	<0.2	n/a	0.7	<50	<1	<20	2680	n/a	2	n/a	n/a	n/a
		6/29/1994	<3	n/a	<2	47	<0.2	n/a	<0.1	<50	<1	<20	2980	n/a	7	n/a	n/a	n/a
		6/29/1994	<3	n/a	<2	52	<0.2	n/a	0.8	<50	<1	<20	3170	n/a	5	n/a	n/a	n/a
		6/29/1994	<3	n/a	<2	51	<0.2	n/a	0.2	<50	<1	<20	3280	n/a	<1	n/a	n/a	n/a
		9/30/1994	<3	n/a	3	36	<0.2	n/a	0.2	<50		<20	3360	n/a	5	n/a	n/a	n/a
		3/8/1995	<3	n/a	5	56	<0.2	n/a	<0.1	<50		<20	3590	n/a	2	n/a	n/a	n/a
		9/28/1995	<3	n/a	3	142	0.2	n/a	<0.1	<50		<20	6260	n/a	13	n/a	n/a	n/a
		4/1/1996	<3	n/a	<1	31	0.3	n/a	<0.1	<50		<20	3360	n/a	1	n/a	n/a	n/a
		9/26/1996	<3	n/a	<1	29	<0.2	n/a	<0.1	<50		<20	4390	n/a	1	n/a	n/a	n/a
		3/20/1997	<3	n/a	<1	26	<0.2	n/a	<0.1	<80		<20	2880	n/a	<1	n/a	n/a	n/a
		8/28/1997	<3	n/a	<1	44	<0.2	n/a	<0.1	<80		<20	3160	n/a	<1	n/a	n/a	n/a
		3/25/1998	<3	n/a	<1	31	<0.2	n/a	<0.1	<80	<1	<30	3060	n/a	4	n/a	n/a	n/a
		9/21/1998	<3	n/a	3	26	<0.2	n/a	<0.1	<80	<1	<30	3720	n/a	<1	n/a	n/a	n/a
		3/25/1999	<3	n/a	3	43	<0.2	n/a	<0.1	<80		<20	3700	n/a	<1	n/a	n/a	n/a
		9/29/1999	<3	n/a	3	22	<0.2	n/a	<0.1	<80	<1	<30	3370	n/a	<1	n/a	n/a	n/a
		3/21/2000	n/a	n/a	2	24	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	2	n/a	n/a	n/a
		9/21/2000	n/a	n/a	3	31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		3/29/2001	n/a	n/a	3	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/31/2001	n/a	n/a	4	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/26/2002	n/a	n/a	3	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/26/2002	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		3/10/2003	n/a	n/a	1	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/29/2003	n/a	n/a	<1	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/12/2004	n/a	n/a	3	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/9/2004	n/a	n/a	3	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/25/2005	n/a	n/a	4	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/9/2005	n/a	n/a	1.4	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		2/23/2006	n/a	n/a	2	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/11/2006	n/a	n/a	<1	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/21/2007	n/a	n/a	<1	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/8/2007	n/a	n/a	<1	15	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/7/2008	n/a	n/a	4	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/14/2008	n/a	n/a	2	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		2/11/2009	n/a	n/a	1	32	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
		8/7/2009	n/a	n/a	2	31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/11/2010	n/a	n/a	2	34	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/17/2010	n/a	n/a	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/22/2011	n/a	n/a	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/24/2011	n/a	n/a	1.79	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/7/2012	n/a	n/a	2.46	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/14/2012	n/a	n/a	1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/15/2013	n/a	n/a	1.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/6/2013	n/a	n/a	1.29	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/18/2014	n/a	n/a	1.53	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/20/2014	n/a	n/a	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/11/2015	n/a	n/a	2.61	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/27/2015	n/a	n/a	2.12	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/9/2016	n/a	n/a	2.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/22/2016	n/a	n/a	1.92	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/22/2017	n/a	n/a	5.17	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/28/2017	n/a	n/a	1.97	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/6/2018	n/a	n/a	1.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/21/2018	n/a	n/a	1.94	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/4/2019	n/a	n/a	2.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		9/16/2019	<2	6.72	0.939	16.1	<2	54100	<1	<2	0.423	1.47	1120	2430	<2	7830	255	n/a
		11/13/2019	0.579	n/a	1.8	20.6	<2	n/a	<1	0.212	0.392	0.277	n/a	n/a	<2	n/a	n/a	n/a
		2/25/2020	<2	n/a	1.75	19.4	<2	n/a	<1	0.363	0.36	0.211	n/a	n/a	<2	n/a	n/a	n/a
		5/11/2020	<2	n/a	2.29	29.3	<2	n/a	<1	0.304	0.36	4.82	n/a	n/a	<2	n/a	n/a	n/a
		8/4/2020	<2	n/a	1.33	2.02	<2	n/a	<1	0.246(J)	0.000197(J)	<20	n/a	n/a	<2	n/a	n/a	n/a
		11/3/2020	<2	n/a	1.52	19.2	<2	n/a	<1	0.312	0.000321	<20	n/a	n/a	0.081	n/a	n/a	n/a
		2/23/2021	<2	n/a	1.39	17.4	<0.25	n/a	<0.25	0.282	0.35	0.214(J)	n/a	n/a	<0.25	n/a	n/a	<0.2
		5/12/2021	<2	n/a	1.33	17.7	<0.26	n/a	<0.26	0.0833(J)	0.317	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.2
		8/24/2021	<2	n/a	1.62	22	<0.26	n/a	<0.26	0.274	0.351	0.677	n/a	n/a	<0.26	n/a	n/a	<0.2
		11/9/2021	<2	n/a	2.31	41.6	<0.26	n/a	<0.26	0.351	1.05	0.278	n/a	n/a	<0.26	n/a	n/a	<0.2
		3/3/2022	<2	n/a	1.8	23.8	<0.26	n/a	<0.26	0.493	0.384	0.296	n/a	n/a	<0.26	n/a	n/a	<0.2
		5/23/2022	0.630(J)	n/a	1.58	20.8	<0.260	n/a	<0.260	0.566	0.239	0.239(J)	n/a	n/a	<0.260	n/a	n/a	<0.200
		8/25/2022	<2.08	n/a	1.97	25	<0.260	n/a	<0.260	0.296	0.37	0.126	n/a	n/a	<0.260	n/a	n/a	<0.200
		3/14/2023	1.72	n/a	1.7	20.9	<0.260	n/a	<0.260	0.23	0.358	1.6	n/a	n/a	0.118	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	1.64	21	<0.260	n/a	<0.260	0.353	0.306	0.285	n/a	n/a	<0.416	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	1.55	22.4	<0.260	n/a	<0.260	0.356	0.366	1.25	n/a	n/a	0.286	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	1.27	27.9	<0.260	n/a	<0.260	0.317	0.374	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-4S	d																	
		5/11/2020	<2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/4/2020	<2	n/a	0.221(J)	15.1	<2	n/a	<1	0.601	0.00185	0.225(J)	n/a	n/a	<1	n/a	n/a	n/a
		2/23/2021	<2	n/a	0.113(J)	14.6	<0.25	n/a	0.086(J)	0.591	0.043(J)	1.21	n/a	n/a	<0.25	n/a	n/a	<0.2
		5/12/2021	<2	n/a	0.144(J)	14.4	<0.26	n/a	<0.26	0.316	0.063(J)	0.288(J)	n/a	n/a	<0.26	n/a	n/a	<0.2
		8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		11/28/2022	0.821 J	n/a	0.148 J	16.1	n/a	n/a	0.039 J	0.489	n/a	0.239	n/a	n/a	0.272	n/a	n/a	n/a
		3/14/2023	<2.08	n/a	0.124	14.7	0.082	n/a	<0.26	0.463	n/a	0.152	n/a	n/a	0.099	n/a	n/a	n/a
		11/17/2023	<2.08	n/a	0.158	15.5	<0.260	n/a	<0.260	1.59	0.071	0.679	n/a	n/a	<0.416	n/a	n/a	n/a
		6/28/2024	<2.08	n/a	0.171	13.2	<0.260	n/a	0.04	0.893	0.079	2.41	n/a	n/a	0.14	n/a	n/a	n/a
		8/23/2024	<2.08	n/a	0.135	14.9	<0.260	n/a	<0.260	0.569	0.045	0.18	n/a	n/a	<0.416	n/a	n/a	n/a
		11/15/2024	<2.08	n/a	0.13	15.6	<0.260	n/a	<0.260	0.8	<0.260	0.296	n/a	n/a	<0.416	n/a	n/a	n/a

</

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (ntu)
MW-4	d																	
	6/29/1994	<40	<2	0.9	n/a	<1	n/a	<4	<10	130	11200	<5	n/a	27200	236000	6.87	320	24.1
	6/29/1994	<40	<2	0.9	n/a	<1	n/a	<4	<10	130	11200	<5	n/a	27200	236000	6.91	319	27.5
	6/29/1994	<40	<2	0.9	n/a	<1	n/a	<4	<10	140	10300	<5	n/a	28400	240000	6.99	322	31
	6/29/1994	<40	<2	0.8	n/a	<1	n/a	<4	<10	130	10300	<5	n/a	29400	243000	6.94	326	30.2
	9/30/1994	<40	<2	1	n/a	<1	n/a	6	<10	100	12000	<5	n/a	35000	245000	6.88	339	26
	3/8/1995	<30	<2	2.8	n/a	<1	n/a	7	10	400	19000	<5	n/a	48000	369000	6.96	540	29
	9/28/1995	<30	<2	<2	n/a	<1	n/a	16	<10	230	19000	<5	n/a	67800	340000	6.71	508	34
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	290	14600	<5	n/a	31800	229000	6.75	321	5.95
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	10	<100	18400	<5	n/a	40900	268000	7.41	562	45.6
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	50	310	16700	<5	n/a	24200	244000	6.66	336	4.6
	8/28/1997	<40	<2	<2	n/a	<1	n/a	<4	10	280	13100	<5	n/a	34300	234000	6.36	360	5.34
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	210	14400	<5	n/a	30300	306000	6.62	355	5.28
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	240	14500	<5	n/a	39400	282000	5.94	380	8.61
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	140	13800	<5	n/a	40100	269000	6.05	323	5.81
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	200	15500	<20	n/a	43400	287000	6.66	247	9.65
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<20	n/a	n/a	n/a	6.83	336	9.66
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	250	n/a	<20	n/a	n/a	n/a	6.8	403	4.68
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	150	n/a	<20	n/a	n/a	n/a	6.37	411	7.45
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	6.77	426	3.11
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.48	412	7.9
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	160	n/a	<5	n/a	n/a	n/a	6.67	417	2.19
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	440	n/a	<5	n/a	n/a	n/a	6.48	408	2.6
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<5	n/a	n/a	n/a	6.55	446	5.35
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.5	443	9.4
	8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	370	n/a	<5	n/a	n/a	n/a	6.56	437	4.69
	2/25/2005	n/a	2.3	<2	n/a	n/a	n/a	n/a	<10	258	n/a	<5	n/a	n/a	n/a	7.08	462	12.07
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	10	253	n/a	<5	n/a	n/a	n/a	6.52	470	5.96
	2/23/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.89	455	4.21
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	253	n/a	<5	n/a	n/a	n/a	6.63	336	1.82
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	249	n/a	<5	n/a	n/a	n/a	6.43	477	0.049
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	222	n/a	<5	n/a	n/a	n/a	6.61	455	1.45
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.58	407	1.61
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	259	n/a	<5	n/a	n/a	n/a	6.5	337	3.91
	2/11/2009	n/a	<2	2	n/a	n/a	n/a	n/a	<10	231	n/a	<5	n/a	n/a	n/a	6.62	469	3.89
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	197	n/a	<5	n/a	n/a	n/a	5.62	466	4.52
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	188	n/a	<5	n/a	n/a	n/a	6.42	459	3.12
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	229	n/a	<5	n/a	n/a	n/a	6.31	410	2.19
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	350	n/a	<2	n/a	n/a	n/a	6.34	400	2.34
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	206	n/a	<2	n/a	n/a	n/a	6.65	526	2.01
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	292	n/a	<2	n/a	n/a	n/a	6.31	445	1.41
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	235	n/a	<2	n/a	n/a	n/a	6.58	462	2.21
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	201	n/a	<5	n/a	n/a	n/a	6.9	331	3.25
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	281	n/a	<5	n/a	n/a	n/a	6.42	501	2.55
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	233	n/a	<5	n/a	n/a	n/a	6.63	488	4.55
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	214	n/a	<5	n/a	n/a	n/a	5.98	493	3.74
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	221	n/a	<5	n/a	n/a	n/a	6.87	485	2.81
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	168	n/a	<5	n/a	n/a	n/a	6.49	326	2.33
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	181	n/a	<5	n/a	n/a	n/a	6.76	478	1.87
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	233	n/a	<5	n/a	n/a	n/a	6.73	531	1.77
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	225	n/a	<5	n/a	n/a	n/a	6.52	541	1.66
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	320	n/a	<5	n/a	n/a	n/a	6.72	502	1.71
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	314	n/a	<5	n/a	n/a	n/a	6.82	458	0.62
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	222	n/a	<5	n/a	n/a	n/a	6.7	478	0.58
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	200	n/a	<5	n/a	n/a	n/a	6.83	462	0.38
	9/16/2019	0.359	<2	<2	23900	<2	<2	0.218	3.08	260	n/a	<5	<50	n/a	n/a	6.72	442	0.47
	11/13/2019	0.24	<2	0.101	n/a	<2	<2	<4	<10	176	n/a	<5	<50	n/a	n/a	6.79	492	0.25
	2/25/2020	0.27	<2	<2	n/a	<2	<2	0.048	10.1	195	n/a	<5	<50	n/a	n/a	6.8	472	0.69
	5/11/2020	0.33	<2	<2	n/a	<2	<2	0.069	10.1	213	n/a	<5	<50	n/a	n/a	6.78	478	0.68
	8/4/2020	<40	<2	<2	n/a	<2	<2	0.062(J)	<10	259	n/a	<5	<50	n/a	n/a	6.77	403	1.5
	11/3/2020	0.55	<2	<2	n/a	<2	<2	<4	<10	264	n/a	<5	<50	n/a	n/a	6.63	461	0.71
	2/23/2021	0.35	<5	<0.3	n/a	<0.25	<20	0.046(J)	<20	245	n/a	<5	<150	n/a	n/a	6.79	507	1.87
	5/12/2021	0.55	<5.2	<0.312	n/a	<0.26	<20.8	0.054(J)	6.66(J)	235	n/a	<5	<150	n/a	n/a	6.67	394	0.59
	8/24/2021	0.29	<5.2	<0.312	n/a	<0.26	<20.8	0.049	6.89	224	n/a	<5	<150	n/a	n/a	6.84	272	0.6
	11/9/2021	0.5	<5.2	<0.312	n/a	<0.26	<20.8	0.05	<20.8	413	n/a	<5	<150	n/a	n/a	6.96	778	1.74
	3/3/2022	0.29	<5.2	<0.312	n/a	<0.26	<20.8	0.057	<20.8	296	n/a	<5	<150	n/a	n/a	6.88	452	1.12
	5/23/2022	0.53	<5.20	0.187(J)	n/a	<0.260	<20.80	0.068(J)	5.87(J)	369	n/a	<5	<150	n/a	n/a	6.97	370	0.68
	8/25/2022	0.41	<5.20	<0.312	n/a	<0.260	<20.80	0.053	5.8	288	n/a	<5	<150	n/a	n/a	6.84	282	5.21
	3/14/2023	<0.52	<5.20	0.151	n/a	0.059	<20.80	0.079	<20.8	290	n/a	<5	<150	n/a	n/a	6.93	325	0.85
	8/15/2023	0.25	<5.20	<0.312	n/a	<0.260	<20.80	<0.260	<20.8	268	n/a	<5	<150	n/a	n/a	6.77	435	1.78
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	1.72	<0.260	4.91	304	n/a	3	<150	n/a	n/a	6.55	339	1.74
	8/23/2024	<1.56	<5.20	<0.312	n/a	<0.260	<20.80	<0.260	<20.8	285	n/a	<5	<150	n/a	n/a	6.74	531	2.11
MW-4S	d																	
	5/11/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	473	n/a	n/a	<50	n/a	n/a	7.3	3.42	0.71
	8/4/2020	0.61	7.68	<2	n/a	<2	<2	3.94	<10	502	n/a	<5	<50	n/a	n/a	7.09	2210	2.11
	2/23/2021	0.56	8.8	<0.3	n/a	<0.25	<20	0.223(J)	<20	445	n/a	<5	<150	n/a	n/a	7.15	2010	0.52
	5/12/2021	5.49	8.74	<0.312	n/a	<0.26	<20.8	0.282	<20.8	495	n/a	<5	<150	n/a	n/a	7.03	1852	0.64
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.88	3460	0.74
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7.03	3240	1.32
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.85	2720	0.97
	11/28/2022	0.42	n/a	n/a	n/a	n/a	n/a	0.281	n/a	546	n/a	n/a	n/a	n/a	n/a	7.11	2420	n/a
	3/14/2023	0.51	10.3	n/a	n/a	n/a	n/a	0.246	n/a	583	n/a							

Elemental Environmental Solutions

Fourth Quarter 2024

			Sr (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-6	d																	
	12/23/1992	<3	n/a		2	29	<0.2	n/a	1.5	<50	<1	<20	610	n/a	7	n/a	n/a	n/a
	1/28/1993	<3	n/a		5	70	<0.2	n/a	0.8	<50	<1	<20	1020	n/a	7	n/a	n/a	n/a
	2/18/1993	<3	n/a		2	22	0.315	n/a	<0.1	<50	<1	<20	2590	n/a	4	n/a	n/a	n/a
	3/10/1993	<3	n/a	<1		50	<0.2	n/a	<0.1	<50		2.6	<20	5300	n/a	2	n/a	n/a
	12/28/1993	<3	n/a		4	68	<0.2	n/a	<0.1	<50		1	<20	3800	n/a	2	n/a	n/a
	3/29/1994	<3	n/a		5	102	<0.2	n/a	<0.1	<50		1	<20	5010	n/a	12	n/a	n/a
	6/29/1994	<3	n/a	<2		47	<0.2	n/a	<0.1	<50	<1	<20	2740	n/a	6	n/a	n/a	n/a
	9/30/1994	<3	n/a		3	52	<0.2	n/a	0.7	<50		3	<20	1690	n/a	10	n/a	n/a
	3/8/1995	<3	n/a		4	72	<0.2	n/a	<0.1	<50		5	<20	44	n/a	2	n/a	n/a
	9/28/1995	<3	n/a		7	150	<0.2	n/a	0.4	<50		1	<20	3740	n/a	9	n/a	n/a
	4/1/1996	<3	n/a	<1		34	0.3	n/a	<0.1	<50		2	<20	2980	n/a	2	n/a	n/a
	9/26/1996	<3	n/a	<1		25	<0.2	n/a	<0.1	<50		1	<20	4180	n/a	<1	n/a	n/a
	3/20/1997	<3	n/a	<1		28	<0.2	n/a	<0.1	<80		1	<20	3060	n/a	<1	n/a	n/a
	8/28/1997	<3	n/a	<1		47	<0.2	n/a	<0.1	<80		2	<20	2480	n/a	<1	n/a	n/a
	3/25/1998	<3	n/a	<1		38	<0.2	n/a	<0.1	<80	<1	<30	2550	n/a	4	n/a	n/a	n/a
	9/21/1998	<3	n/a		3	30	<0.2	n/a	<0.1	<80	<1	<30	2720	n/a	<1	n/a	n/a	n/a
	3/25/1999	<3	n/a		5	40	<0.2	n/a	<0.1	<80		3	<30	5420	n/a	<1	n/a	n/a
	9/29/1999	<3	n/a		4	21	<0.2	n/a	<0.1	<80	<1	<30	4160	n/a	<1	n/a	n/a	n/a
	3/21/2000	n/a	n/a		4	33	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	2	n/a	n/a	n/a
	9/21/2000	n/a	n/a		3	31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	3/29/2001	n/a	n/a		4	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/31/2001	n/a	n/a		3	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a		4	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1		25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a		4	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a		5	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2004	n/a	n/a		3	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/9/2004	n/a	n/a		5	34	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a		5	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/9/2005	n/a	n/a		5.2	32	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	2/23/2006	n/a	n/a		3	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1		39	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1		25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1		30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a		4	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a	<1		35	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2009	n/a	n/a		2	34	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/7/2009	n/a	n/a		3	37	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a		4	34	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a		7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a		6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a		7.64	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a		5.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a		2.91	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a		3.07	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a		2.73	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a		6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a		4.27	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a		4.66	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a		3.9	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a		5.94	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a		2.82	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a		6.61	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a		4.16	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a		5.75	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a		4.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	<100		3.04	31	<2	61000	<1	0.563	1.21	2.11	499	2500	0.281	7030	1550	n/a
	11/13/2019	<2	n/a		5.92	50.3	<2	n/a	<1	0.151	1.29	2.04	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2020	<2	n/a		5.07	44.1	<2	n/a	<1	0.307	1.63	0.142	n/a	n/a	<1	n/a	n/a	n/a
	5/11/2020	<2	n/a		5.68	51.5	<2	n/a	<1	0.296	0.0018	0.194(J)	n/a	n/a	<1	n/a	n/a	n/a
	8/4/2020	<2	n/a		5.5	55.6	<2	n/a	<1	0.288	0.00155	0.127	n/a	n/a	<1	n/a	n/a	n/a
	11/3/2020	<2	n/a		6.12	60.5	<2	n/a	<1	3.81	0.00166	1.36	n/a	n/a	0.096	n/a	n/a	n/a
	2/23/2021	<2	n/a		6.51	74.5	<0.25	n/a	<0.25	0.424	2.56	0.222(J)	n/a	n/a	<0.088(J)	n/a	n/a	<0.2
	5/12/2021	<2	n/a		4.64	44	<0.26	n/a	<0.26	0.123(J)	1.37	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.2
	8/24/2021	<2	n/a		5.67	52.2	<0.26	n/a	<0.26	0.513	1.5	0.134	n/a	n/a	0.091	n/a	n/a	<0.2
	11/9/2021	<2	n/a		6.47	71	<0.26	n/a	<0.26	0.338	1.89	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.2
	3/3/2022	<2	n/a		6.46	62.6	<0.26	n/a	<0.26	0.4	2.77	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.2
	5/23/2022	<2.08	n/a		6.02	79.7	<0.260	n/a	<0.260	0.58	2.85	0.213	n/a	n/a	0.154	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a		4.86	51.2	<0.260	n/a	<0.260	0.348	1.49	0.158	n/a	n/a	0.129	n/a	n/a	<0.200
	3/14/2023	<2.08	n/a		4.5	47.8	<0.260	n/a	<0.260	0.174	1.4	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.200
	8/15/2023	1.44	n/a		4.65	50.2	<0.260	n/a	<0.260	0.368	1.63	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.200
	3/6/2024	0.697	n/a		5.95	51.8	<0.260	n/a	<0.260	0.369	1.68	1.23	n/a	n/a	<0.26	n/a	n/a	<0.200
	8/23/2024	<2.08	n/a		7.89	66.2	<0.260	n/a	<0.260	0.256	1.72	0.575	n/a	n/a	<0.26	n/a	n/a	<0.200
MW-6S	d																	
	5/11/2020	<2	n/a	0.217(J)		15.1	<2	n/a	<1	0.413	0.000693	0.344(J)	n/a	n/a	0.091(J)	n/a	n/a	n/a
	2/23/2021	<2	n/a	0.089(J)		13.8	<0.25	n/a	<0.25	0.355	0.057(J)	0.75	n/a	n/a	<0.25	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.125(J)		14.4	<0.26	n/a	<0.26	0.185(J)	0.089(J)	0.287(J)	n/a	n/a	<0.26	n/a	n/a	<0.2
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/28/2022	n/a	n/a	0.278		19.9	n/a	n/a	n/a	0.485	0.133(J)	0.486	n/a	n/a	0.639	n/a	n/a	n/a
	11/17/2023	n/a	n/a	0.655		22.3	n/a	n/a	n/a	4.05	0.636	4.67	n/a	n/a	9.25	n/a	n/a	n/a
	6/28/2024	n/a	n/a	5.34		45.2	0.72	n/a	0.707	8.35	5.07	45.6	n/a	n/a	98.8	n/a	n/a	n/a
	8/23/2024	n/a	n/a	0.172		13.6	<0.260	n/a	<0.260	0.445	0.099	0.475	n/a	n/a	0.556	n/a	n/a	n/a
	11/15/2024	n/a	n/a	0.155		14.7	<0.260</											

Elemental Environmental Solutions

Fourth Quarter 2024

			Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sr (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-6	d	12/23/1992	<40	<2	<0.2	n/a	<1	n/a	<4	60	440	16100	<5	n/a	32900	252000	7.11	382	15
		1/28/1993	<40	<2	0.7	n/a	<1	n/a	<4	30	510	21100	<5	n/a	33300	239000	7.08	417	8.8
		2/18/1993	<40	<2	<0.2	n/a	<1	n/a	<4	<10	330	13400	<5	n/a	24800	228000	7	315	22.9
		3/10/1993	<40	<2	0.5	n/a	<1	n/a	17	<10	340	9400	<5	n/a	21800	201000	6.83	354	44.3
		12/28/1993	<40	<2	<0.2	n/a	<1	n/a	8	100	280	23100	<5	n/a	23200	218000	6.86	304	12.1
		3/29/1994	<40	<2	1.4	n/a	<1	n/a	7	<10	350	8000	<5	n/a	27000	222000	7.43	308	30.4
		6/29/1994	<40	<2	0.6	n/a	<1	n/a	<4	<10	130	8600	<5	n/a	28200	233000	6.88	308	25.2
		9/30/1994	<40	<2	0.3	n/a	<1	n/a	<4	30	250	14000	<5	n/a	27000	253000	6.94	364	15.5
		3/8/1995	<30	<2	1.5	n/a	<1	n/a	2	<10	500	25000	<5	n/a	90000	368000	6.6	532	13
		9/28/1995	<30	<2	<2	n/a	<1	n/a	<2	<10	440	20100	<5	n/a	55600	285000	6.72	449	11.5
		4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	240	9400	<5	n/a	37100	225000	6.76	306	1.78
		9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	420	18400	<5	n/a	33400	272000	6.76	417	21.8
		3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	30	290	10400	<5	n/a	22100	216000	6.52	306	2.3
		8/28/1997	<40	<2	<2	n/a	<1	n/a	<4	20	330	8060	<5	n/a	38900	242000	6.32	341	6.76
		3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	240	10300	<5	n/a	25300	275000	6.49	313	3.45
		9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	300	12300	<5	n/a	53200	251000	6.09	390	4.22
		3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	270	9520	<5	n/a	43400	267000	6.12	325	5.94
		9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	240	9000	<20	n/a	21000	229000	6.63	213	17.8
		3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<20	n/a	n/a	n/a	6.59	476	5.78
		9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	272	n/a	<20	n/a	n/a	n/a	6.74	328	8.24
		3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	190	n/a	<20	n/a	n/a	n/a	6.3	538	5.06
		8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	220	n/a	<20	n/a	n/a	n/a	6.72	307	4.44
		2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<5	n/a	n/a	n/a	6.49	382	5.41
		8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<5	n/a	n/a	n/a	6.71	316	6.1
		3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	490	n/a	<5	n/a	n/a	n/a	6.51	353	4.62
		8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	320	n/a	<5	n/a	n/a	n/a	6.56	334	7.64
		2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.46	351	4.02
		8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	340	n/a	<5	n/a	n/a	n/a	6.64	314	4.91
		2/25/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	344	n/a	<5	n/a	n/a	n/a	7.11	336	2.26
		8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	301	n/a	<5	n/a	n/a	n/a	6.54	342	10.8
		2/23/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	390	n/a	<5	n/a	n/a	n/a	6.91	305	1.05
		8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	369	n/a	<5	n/a	n/a	n/a	6.65	252	3.19
		2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	324	n/a	<5	n/a	n/a	n/a	6.51	356	0.83
		8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	296	n/a	<5	n/a	n/a	n/a	6.62	332	1.96
		2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.62	298	2.25
		8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	320	n/a	<5	n/a	n/a	n/a	6.58	291	1.87
		2/11/2009	n/a	<2	2	n/a	n/a	n/a	n/a	<10	312	n/a	<5	n/a	n/a	n/a	6.63	344	3.61
		8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	275	n/a	<5	n/a	n/a	n/a	5.63	354	4.98
		2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	261	n/a	<5	n/a	n/a	n/a	6.52	379	4.38
		8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	303	n/a	<5	n/a	n/a	n/a	6.39	342	4.98
		2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	380	n/a	<2	n/a	n/a	n/a	6.29	515	3.35
		8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	307	n/a	<2	n/a	n/a	n/a	6.62	569	4.57
		2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	387	n/a	<2	n/a	n/a	n/a	6.37	600	1.74
		8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	307	n/a	<2	n/a	n/a	n/a	6.58	363	4.9
		2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	311	n/a	<5	n/a	n/a	n/a	7.03	380	3.09
		8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	353	n/a	<5	n/a	n/a	n/a	6.45	513	6.85
		2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	361	n/a	<5	n/a	n/a	n/a	6.73	522	2.29
		8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	277	n/a	8	n/a	n/a	n/a	5.94	476	7.93
		2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	299	n/a	<5	n/a	n/a	n/a	6.7	498	0.95
		8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	236	n/a	<5	n/a	n/a	n/a	6.53	321	1.19
		2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	273	n/a	<5	n/a	n/a	n/a	6.67	493	0.4
		8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	338	n/a	<5	n/a	n/a	n/a	6.71	530	4.02
		2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	334	n/a	<5	n/a	n/a	n/a	6.36	635	4.33
		8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	416	n/a	<5	n/a	n/a	n/a	6.63	564	3.88
		2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	465	n/a	<5	n/a	n/a	n/a	6.72	501	1.68
		8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	371	n/a	<5	n/a	n/a	n/a	6.6	627	1.72
		2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	326	n/a	<5	n/a	n/a	n/a	6.65	548	2.57
		9/16/2019	1.37	<2	<2	21300	<2	0.36	0.192	2.61	371	n/a	<5	<50	n/a	n/a	6.4	475	1.61
		11/13/2019	1	<2	<2	n/a	<2	0.042	<10	305	n/a	<5	<50	n/a	n/a	n/a	6.36	485	1.01
		2/25/2020	1.03	<2	<2	n/a	<2	0.05	8.9	296	n/a	<5	<50	n/a	n/a	n/a	6.76	454	1.5
		5/11/2020	1.27	<2	<2	n/a	<2	0.048(I)	8.9	304	n/a	<5	<50	n/a	n/a	n/a	6.71	453	3.71
		8/4/2020	0.93	<2	<2	n/a	<2	0.062	<10	390	n/a	<5	<50	n/a	n/a	n/a	6.62	440	1.21
		11/3/2020	2.36	<2	<2	n/a	<2	0.099	6.44	414	n/a	<5	<50	n/a	n/a	n/a	6.59	543	1.68
		2/23/2021	1.27	<5	<0.3	n/a	<0.25	<20	0.074(I)	<20	307	n/a	<5	<150	n/a	n/a	6.85	399	2.11
		5/12/2021	1.18	<5.2	<0.312	n/a	<0.26	<20.8	0.064(I)	<20.8	293	n/a	<5	<150	n/a	n/a	6.67	353	1.46
		8/24/2021	1.29	<5.2	<0.312	n/a	<0.26	<20.8	0.138	6.46	331	n/a	<5	<150	n/a	n/a	6.77	286	1.44
		11/9/2021	1.1	<5.2	<0.312	n/a	<0.26	<20.8	0.074	<20.8	534	n/a	<5	<150	n/a	n/a	6.85	496	4.06
		3/3/2022	1.06	<5.2	<0.312	n/a	<0.26	<20.8	0.059	<20.8	417	n/a	<5	<150	n/a	n/a	6.68	441	1.11
		5/23/2022	1.7	<5.20	<0.312	n/a	<0.260	<20.8	0.134	7.6	435	n/a	0.002(I)	<150	n/a	n/a	6.82	373	1.97
		8/25/2022	1.68	<5.20	<0.312	n/a	<0.260	<20.8	0.137	5.69	407	n/a	<5	<150	n/a	n/a	6.56	441	7.74
		3/14/2023	1.18	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	437	n/a	<5	<150	n/a	n/a	6.92	535	3.15
		8/15/2023	1.75	<5.20	0.269	n/a	<0.260	<20.8	0.06	<20.8	493	n/a	0.002	<150	n/a	n/a	6.7	708	3.94
		3/6/2024	1.27	<5.20	<0.312	n/a	<0.260	<20.8	0.043	<20.8	459	n/a	<5	<150	n/a	n/a	6.71	986	12.5
		8/23/2024	2.03	<5.20	<0.312	n/a	<0.260	<20.8	0.054	5.21	456	n/a	<5	<150	n/a	n/a	6.61	603	12.1
MW-6S	d	5/11/2020	2.35	2.98(I)	<2	n/a	<2	<2	0.195(I)	8.9	218	n/a	<5	1070	n/a	n/a	6.75	1596	3.71
		2/23/2021	1.51	6.13	<0.3	n/a	<0.25	<20	0.231(I)	27.2	295	n/a	<5	<150	n/a	n/a	7.24	1608	0.56
		5/12/2021	2.88	5.56	<0.312	n/a	<0.26	<20.8	0.278	<20.8	258								

Elemental Environmental Solutions
Fourth Quarter 2024

			Sp (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-8	d																	
	12/23/1992	<3	n/a		1	52	<0.2	n/a	2.8	<50	1	<20	650	n/a	10	n/a	n/a	n/a
	1/28/1993	<3	n/a		5	139	<0.2	n/a	1.2	<50	<1	<20	920	n/a	7	n/a	n/a	n/a
	2/18/1993	<3	n/a		3	56	3.7	n/a	<0.1	<50	<1	<20	2520	n/a	6	n/a	n/a	n/a
	3/10/1993	<3	n/a		2	79	<0.2	n/a	<0.1	<50	2.7	<20	3930	n/a	4	n/a	n/a	n/a
	12/28/1993	<3	n/a		5	146	<0.2	n/a	0.1	<50	3	<20	3600	n/a	<1	n/a	n/a	n/a
	3/29/1994	<3	n/a		4	134	<0.2	n/a	<0.1	<50	<1	<20	3400	n/a	5	n/a	n/a	n/a
	6/29/1994	<3	n/a		3	96	<0.2	n/a	0.1	<50	<1	<20	2200	n/a	8	n/a	n/a	n/a
	9/30/1994	<3	n/a		3	62	<0.2	n/a	0.7	<50	5	<20	600	n/a	8	n/a	n/a	n/a
	3/8/1995	<3	n/a		3	148	<0.2	n/a	<0.1	<50	5	<20	1680	n/a	2	n/a	n/a	n/a
	9/28/1995	<3	n/a		8	211	<0.2	n/a	<0.1	<50	4	<20	4380	n/a	9	n/a	n/a	n/a
	4/1/1996	<3	n/a	<1		90	<0.2	n/a	<0.1	<50	4	<20	1880	n/a	2	n/a	n/a	n/a
	9/26/1996	<3	n/a	<1		65	<0.2	n/a	<0.1	<50	4	<20	4890	n/a	<1	n/a	n/a	n/a
	3/20/1997	<3	n/a	<1		56	<0.2	n/a	<0.1	<80	2	<20	1450	n/a	<1	n/a	n/a	n/a
	8/28/1997	<3	n/a	<1		120	<0.2	n/a	<0.1	<80	5	<20	1020	n/a	<1	n/a	n/a	n/a
	3/25/1998	<3	n/a	<1		91	<0.2	n/a	<0.1	<80	2	<30	760	n/a	3	n/a	n/a	n/a
	9/21/1998	<3	n/a		5	37	<0.2	n/a	<0.1	<80	1	<30	1960	n/a	<1	n/a	n/a	n/a
	3/25/1999	<3	n/a		4	71	<0.2	n/a	<0.1	<80	4	<30	1470	n/a	<1	n/a	n/a	n/a
	9/29/1999	<3	n/a		4	33	<0.2	n/a	<0.1	<80	<1	<30	870	n/a	<1	n/a	n/a	n/a
	3/21/2000	n/a	n/a		3	51	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	2	n/a	n/a	n/a
	9/21/2000	n/a	n/a		4	57	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	3/29/2001	n/a	n/a		3	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/31/2001	n/a	n/a		3	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a		3	35	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1		27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a		2	31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a		2	34	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2004	n/a	n/a	<1		36	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/9/2004	n/a	n/a		2	32	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a		2.4	38	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1.1	n/a	n/a	n/a
	8/9/2005	n/a	n/a		2.5	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/23/2006	n/a	n/a		3	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1		31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a		2	26	0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1		28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a		5	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a		2	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2009	n/a	n/a	<1		31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/7/2009	n/a	n/a		3	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a		3	43	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a		2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a		6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a		4.14	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a		5.42	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a		1.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a		3.63	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a		2.82	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a		3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a		4.44	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a		2.23	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a		2.03	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a		1.59	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a		2.04	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a		2.36	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a		1.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a		2.65	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	<100		1.2	45	<2	197000	<1	0.606	1.09	2.81	238	1780	0.242	18100	779	n/a
	11/13/2019	<2	n/a		3.12	35.2	<2	n/a	0.215	0.437	1.06	0.259	n/a	n/a	0.166	n/a	n/a	n/a
	2/25/2020	<2	n/a		2.51	48.5	<2	n/a	0.044	0.362	0.887	0.16	n/a	n/a	<1	n/a	n/a	n/a
	5/11/2020	<2	n/a		1.95	47.7	<2	n/a	0.047(J)	0.346	0.479	0.424	n/a	n/a	<1	n/a	n/a	n/a
	8/4/2020	<2	n/a		1.76	46.5	<2	n/a	6.4E-05(J)	0.289	0.000819	0.142(J)	n/a	n/a	<1	n/a	n/a	n/a
	11/3/2020	<2	n/a		2.37	45.6	<2	n/a	6.80E-05	0.338	0.00135	0.15	n/a	n/a	<1	n/a	n/a	n/a
	2/23/2021	<2	n/a		4.67	31.4	<0.25	n/a	<0.25	0.498	0.986	0.975	n/a	n/a	<0.25	n/a	n/a	0.0175(J)
	5/12/2021	<2	n/a		4.47	25.5	<0.26	n/a	<0.26	0.287	0.798	0.126(J)	n/a	n/a	<0.26	n/a	n/a	<0.2
	8/24/2021	<2	n/a		3.76	36.4	<0.26	n/a	0.061	0.326	0.983	0.537	n/a	n/a	<0.26	n/a	n/a	<0.2
	11/9/2021	<2	n/a		3.89	30.9	<0.26	n/a	0.052	0.501	0.821	0.16	n/a	n/a	<0.26	n/a	n/a	<0.2
	3/3/2022	<2	n/a		3.54	48.9	<0.26	n/a	0.07	0.45	1.26	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.2
	5/23/2022	<2.08	n/a		4.54	25.9	<0.260	n/a	<0.260	0.519	0.148(J)	<0.148	n/a	n/a	<0.260	n/a	n/a	<0.200
	3/14/2023	<2.08	n/a		2.23	48	<0.260	n/a	0.038	0.202	0.536	0.127	n/a	n/a	<0.260	n/a	n/a	<0.200
	8/15/2023	0.57	n/a		1.46	50.5	<0.260	n/a	0.085	0.389	0.969	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
	3/6/2024	<2.08	n/a		3.18	43.9	<0.260	n/a	0.091	2.52	1.6	1.51	n/a	n/a	1.07	n/a	n/a	<0.200
	8/23/2024	<2.08	n/a		3.84	59	<0.260	n/a	0.116	1.44	1.32	1.09	n/a	n/a	1.29	n/a	n/a	<0.200
MW-8S	d																	
	5/11/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/4/2020	<2	n/a	0.149(J)	18.1	<2	n/a	<1	0.423	0.00119	0.458	n/a	n/a	n/a	<1	n/a	n/a	n/a
	2/23/2021	<2	n/a	0.101(J)	19.2	<0.25	n/a	<0.25	0.621	0.102(J)	0.836	n/a	n/a	n/a	<0.25	n/a	n/a	0.025(J)
	5/12/2021	<2	n/a	0.114(J)	18.2	<0.26	n/a	<0.26	0.194(J)	0.07(J)	0.234(J)	n/a	n/a	n/a	<0.26	n/a	n/a	<0.2
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/28/2022	n/a	n/a	0.116(J)	20.6	n/a	n/a	n/a	0.401	0.064(J)	0.279(J)	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/14/2023	n/a	n/a	0.109	19.5	n/a	n/a	n/a	0.374	0.067	0.675	n/a	n/a	n/a	0.111	n/a	n/a	n/a
	11/17/2023	n/a	n/a	0.14	20	n/a	n/a	0.042	1.12	0.126	0.542	n/a	n/a	n/a	<0.416	n/a	n/a	n/a
	6/28/2024	n/a	n/a	0.297	22.3	n/a	n/a	0.086	1.99	0.322	1.59	n/a	n/a	n/a	0.684	n/a	n/a	n/a
	8/23/2024	n/a	n/a	0.138	19	n/a	n/a	<0.260	0.494	0.074	0.236	n/a	n/a	n/a	<0.416	n/a	n/a	n/a
	11/15/2024	n/a	n/a	0.195	20.7	n/a	n/a	0.053	1.84	0.137	0.91	n/a	n/a					

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond (umhos/cm)	Turb (NTU)
MW-8	d																	
	12/23/1992	<40	<2	<0.2	n/a	<1	n/a	4	80	490	21200	<5	n/a	32000	300000	7.38	465	19.6
	1/28/1993	<40	<2	<0.2	n/a	<1	n/a	<4	90	460	24600	<5	n/a	39200	308000	7.24	532	11.5
	2/18/1993	<40	<2	<0.2	n/a	<1	n/a	7	60	400	17600	<5	n/a	50000	267000	6.88	447	21.2
	3/10/1993	<40	<2	0.5	n/a	<1	n/a	12	20	390	14100	<5	n/a	35100	226000	6.82	454	41.2
	12/28/1993	<40	<2	<0.2	n/a	<1	n/a	14	40	340	25100	<5	n/a	38500	262000	6.74	403	20.6
	3/29/1994	<40	<2	1.2	n/a	<1	n/a	9	<10	430	14000	<5	n/a	37000	262000	7.43	390	30.1
	6/29/1994	<40	<2	0.7	n/a	<1	n/a	<4	<10	180	16400	<5	n/a	35900	264000	6.74	394	11.6
	9/30/1994	<40	<2	<0.2	n/a	<1	n/a	<4	50	220	20000	<5	n/a	47000	319000	7.04	485	9
	3/8/1995	<30	<2	2.4	n/a	<1	n/a	5	<10	400	36000	<5	n/a	171000	584000	6.58	836	12
	9/28/1995	<30	4	<2	n/a	<1	n/a	8	<10	340	43300	<5	n/a	234000	668000	6.67	977	27
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	360	31300	<5	n/a	160000	447000	6.65	658	2.03
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	400	51900	<5	n/a	146000	608000	6.7	1048	38.3
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	<10	440	31300	<5	n/a	128000	443000	6.56	669	4.8
	8/28/1997	<40	<2	<2	n/a	<1	n/a	11	20	400	45400	<5	n/a	292000	730000	6.35	1059	4.23
	3/25/1998	<40	<2	<2	n/a	<1	n/a	6	<10	240	39400	<5	n/a	171000	667000	6.57	818	3.64
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	360	27200	<5	n/a	95900	420000	6.13	589	2.66
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	260	38000	<5	n/a	193000	592000	6.16	711	5.26
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	290	34100	<20	n/a	168000	551000	6.54	388	16.1
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<20	n/a	n/a	n/a	6.46	1167	18.4
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	346	n/a	<20	n/a	n/a	n/a	6.71	958	3.75
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<20	n/a	n/a	n/a	6.51	922	4.88
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<20	n/a	n/a	n/a	7.62	791	4.55
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	330	n/a	<5	n/a	n/a	n/a	6.44	972	1.32
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.69	1003	1.3
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	620	n/a	<5	n/a	n/a	n/a	6.52	1078	0.99
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	390	n/a	<5	n/a	n/a	n/a	6.58	1445	2.59
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	6.5	1568	3.24
	8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	380	n/a	<5	n/a	n/a	n/a	6.6	1396	3.68
	2/25/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	414	n/a	<5	n/a	n/a	n/a	8.18	1123	2.06
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	403	n/a	<5	n/a	n/a	n/a	6.61	1200	2.86
	2/23/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	400	n/a	<5	n/a	n/a	n/a	6.83	1163	2.15
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	470	n/a	<5	n/a	n/a	n/a	6.95	798	3.39
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	403	n/a	<5	n/a	n/a	n/a	6.52	781	0.76
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	370	n/a	<5	n/a	n/a	n/a	6.67	897	1.83
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.59	738	1.47
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	430	n/a	<5	n/a	n/a	n/a	6.66	550	1.94
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	409	n/a	<5	n/a	n/a	n/a	6.61	916	2.37
	8/7/2009	n/a	4	<0.5	n/a	n/a	n/a	n/a	<10	345	n/a	<5	n/a	n/a	n/a	5.7	896	4.85
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	338	n/a	<5	n/a	n/a	n/a	6.55	1116	4.77
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	382	n/a	<5	n/a	n/a	n/a	6.8	810	3.75
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	590	n/a	<2	n/a	n/a	n/a	6.43	701	3.38
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	347	n/a	<2	n/a	n/a	n/a	6.52	1019	4.48
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	501	n/a	<2	n/a	n/a	n/a	6.32	803	2.96
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	489	n/a	<2	n/a	n/a	n/a	6.52	931	5.02
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	366	n/a	<5	n/a	n/a	n/a	6.85	699	4.98
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	578	n/a	<5	n/a	n/a	n/a	6.34	807	5.03
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	414	n/a	<5	n/a	n/a	n/a	6.64	1242	17.3
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	338	n/a	8	n/a	n/a	n/a	5.99	1090	4.66
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	380	n/a	<5	n/a	n/a	n/a	6.7	1198	4.59
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	304	n/a	8	n/a	n/a	n/a	6.56	801	3.78
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	312	n/a	<5	n/a	n/a	n/a	6.61	1108	3.18
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	368	n/a	<5	n/a	n/a	n/a	6.62	1353	3.19
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	348	n/a	<5	n/a	n/a	n/a	6.34	1182	4.42
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	457	n/a	<5	n/a	n/a	n/a	6.62	1291	3.18
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	513	n/a	<5	n/a	n/a	n/a	6.74	1130	1.61
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	386	n/a	<5	n/a	n/a	n/a	6.55	1214	1.12
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	361	n/a	<5	n/a	n/a	n/a	6.65	1110	2.59
	9/16/2019	1.74	<2	<2	48700	<2	0.463	0.239	4.25	407	n/a	<5	<50	n/a	n/a	6.56	1192	1.31
	11/13/2019	1.26	<2	0.109	n/a	0.141	<2	0.602	<10	341	n/a	<5	<50	n/a	n/a	6.34	860	0.41
	2/25/2020	2.57	<2	<2	n/a	<2	<2	0.163	8.19	304	n/a	<5	22	n/a	n/a	6.8	1058	1.95
	5/11/2020	1.15	<2	<2	n/a	<2	<2	0.224(J)	9.86(J)	360	n/a	<5	<50	n/a	n/a	6.76	1006	1.41
	8/4/2020	1.46	<2	<2	n/a	<2	<2	0.203(J)	<10	402	n/a	<5	<50	n/a	n/a	6.58	901	1.11
	11/3/2020	1.07	<2	<2	n/a	<2	<2	0.168	<10	416	n/a	<5	<50	n/a	n/a	6.55	944	1.69
	2/23/2021	1.23	<5	<0.3	n/a	<0.25	<20	0.379	<20	393	n/a	<5	<150	n/a	n/a	6.82	701	1.88
	5/12/2021	1.94	<5.2	<0.312	n/a	<0.26	<20.8	0.378	<20	379	n/a	<5	<150	n/a	n/a	6.59	563	0.87
	8/24/2021	1.64	<5.2	<0.312	n/a	<0.26	<20.8	0.304	7.14	375	n/a	<5	<150	n/a	n/a	6.67	414	1.09
	11/9/2021	1.41	<5.2	<0.312	n/a	<0.26	<20.8	0.279	<20.8	550	n/a	<5	<150	n/a	n/a	6.53	727	0.61
	3/3/2022	0.91	<5.2	<0.312	n/a	<0.26	<20.8	0.215	<20.8	445	n/a	<5	<150	n/a	n/a	6.57	904	2.39
	5/23/2022	1.49	<5.20	<0.312	n/a	<0.260	<20.8	0.335	<20.8	473	n/a	<5	<150	n/a	n/a	6.61	503	0.98
	3/14/2023	1.17	<5.20	<0.312	n/a	<0.260	<20.8	0.194	<20.8	442	n/a	4	<150	n/a	n/a	6.98	1127	7.51
	8/15/2023	1.4	<5.20	<0.312	n/a	<0.260	<20.8	0.145	<20.8	444	n/a	<5	<150	n/a	n/a	6.69	1305	3.53
	3/6/2024	2.11	<5.20	<0.312	n/a	<0.260	1.75	5.59	6.64	302	n/a	<5	<150	n/a	n/a	6.99	442	38.3
	8/23/2024	2.74	<5.20	<0.312	n/a	<0.260	<20.8	3.42	7.15	1710	n/a	2	<150	n/a	n/a	6.7	794	18.7
MW-8S	d																	
	5/11/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	449	n/a	<5	<50	n/a	n/a	7.17	2090	0.48
	8/4/2020	0.68	7.41	<2	n/a	<2	<2	1.78	5.33	504	n/a	<5	<50	n/a	n/a	7.06	1505	2.29
	2/23/2021	0.87	5.34	<0.3	n/a	<0.25	<20	0.221(J)	<20	454	n/a	<5	<150	n/a	n/a	7.26	2080	0.51
	5/12/2021	3.92	5.06(J)	<0.312	n/a	<0.26	<20.8	0.216(J)	<20.8	484	n/a	<5	<150	n/a	n/a	7.01	1264	0.51
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<5	n/a	n/a	n/a	7.48	2200	0.78
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<5	n/a	n/a	n/a	7.07	2010	1.54
	3/3/2022	n																

Elemental Environmental Solutions

Fourth Quarter 2024

			Sr (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-10	u																	
	7/20/1994	<3	n/a	<1		313	<0.2	n/a	<0.1	<50	22	<20	4330	n/a		4	n/a	n/a
	7/20/1994	<3	n/a	<1		436	<0.2	n/a	<0.1	<50	12	<20	8000	n/a		6	n/a	n/a
	7/20/1994	<3	n/a	<1		393	<0.2	n/a	<0.1	<50	28	<20	4570	n/a		3	n/a	n/a
	7/20/1994	<3	n/a	<1		350	<0.2	n/a	<0.1	<50	26	<20	4190	n/a		4	n/a	n/a
	9/30/1994	<3	n/a	<1		124	<0.2	n/a	<0.1	<50	21	<20	1570	n/a		5	n/a	n/a
	3/8/1995	<3	n/a	<1		155	<0.2	n/a	<0.1	<50	22	<20	3020	n/a	<1	n/a	n/a	n/a
	9/28/1995	<3	n/a	<1		241	<0.2	n/a	<0.1	<50	23	<20	41400	n/a		4	n/a	n/a
	4/1/1996	<3	n/a	<1		90	<0.2	n/a	<0.1	<50	18	<20	19900	n/a		3	n/a	n/a
	9/26/1996	<3	n/a	<1		176	<0.2	n/a	<0.1	<50	23	<20	37300	n/a	<1	n/a	n/a	n/a
	8/28/1997	<3	n/a	<1		109	<0.2	n/a	<0.1	<50	10	<20	32000	n/a	<1	n/a	n/a	n/a
	3/25/1998	<3	n/a	<1		35	<0.2	n/a	<0.1	<80	8	<30	460	n/a		3	n/a	n/a
	9/21/1998	<3	n/a	<1		14	<0.2	n/a	<0.1	<80	<1	<30	900	n/a	<1	n/a	n/a	n/a
	3/25/1999	<3	n/a	<1		51	<0.2	n/a	<0.1	<80	2	<30	970	n/a		3	n/a	n/a
	9/29/1999	<3	n/a	<1		34	<0.2	n/a	<0.1	<80	<1	<30	300	n/a	<1	n/a	n/a	n/a
	3/21/2000	n/a	n/a	<1		17	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a		2	n/a	n/a
MW-12	u																	
	9/28/1995	<3	n/a	<1		61	<0.2	n/a	<0.1	<50	<1	<20	1810	n/a		4	n/a	n/a
	10/27/1995		3	n/a		68	<0.2	n/a	<0.1	<50		3	<20	2080	n/a	<1	n/a	n/a
	11/29/1995	<3	n/a	<2		106	<0.2	n/a	<0.1	<50		3	<30	2380	n/a		2	n/a
	12/27/1995	<3	n/a	<1		147	<0.2	n/a	<0.1	<50	<1	<20	2370	n/a		3	n/a	n/a
	4/1/1996	<3	n/a	<1		96		0.2	<0.1	<50		4	<20	3770	n/a		3	n/a
	9/26/1996	<3	n/a	<1		97	<0.2	n/a	<0.1	<50		8	<20	7900	n/a	<1	n/a	n/a
	3/20/1997	<3	n/a	<1		26	<0.2	n/a	<0.1	<80	<1	<20	3190	n/a	<1	n/a	n/a	n/a
	8/28/1997	<3	n/a	<1		34	<0.2	n/a	<0.1	<80		2	<20	3260	n/a	<1	n/a	n/a
	3/25/1998	<3	n/a	<1		26	<0.2	n/a	<0.1	<80	<1	<30	3430	n/a		1	n/a	n/a
	9/21/1998	<3	n/a	<1		18	<0.2	n/a	<0.1	<80	<1	<30	3330	n/a	<1	n/a	n/a	n/a
	3/25/1999	<3	n/a	<1		39	<0.2	n/a	<0.1	<80		2	<30	3040	n/a	<1	n/a	n/a
	9/29/1999	<3	n/a	<1		15	<0.2	n/a	<0.1	<80	<1	<30	2520	n/a	<1	n/a	n/a	n/a
	3/21/2000	n/a	n/a	<1		17	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a		2	n/a	n/a
	9/21/2000	n/a	n/a	<1		24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a		1	n/a	n/a
	3/29/2001	n/a	n/a	<1		13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/31/2001	n/a	n/a	<1		15	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a	<1		14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1		16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	<1		16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	<1		14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2004	n/a	n/a	<1		1.3	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	<1		13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a		1	15	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a		1.4	n/a	n/a
	8/9/2005	n/a	n/a	<1		13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a		1	n/a	n/a
	2/21/2006	n/a	n/a	<1		11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1		14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1		13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1		35	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a	<1		14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/14/2008	n/a	n/a	<1		15	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2009	n/a	n/a	<1		13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1		20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1		14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	<1.1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a	<0.3		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	<1		n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2		12.8	<2		7.23	<2		33700	<1	<2	<2	2.09	367	3250	0.346	3820
	11/13/2019	<2	n/a	0.159		13.3	<2	n/a	<1	2.23	0.107	0.24	n/a	n/a		0.127	n/a	n/a
	2/25/2020	<2	n/a	0.0061		12.8	<2	n/a	<1	1.2	0.076	0.177	n/a	n/a	<1	n/a	n/a	n/a
	5/11/2020	<2	n/a	0.111		12.9	<2	n/a	<1	1.5	0.179	0.169	n/a	n/a		0.119	n/a	2.50E-05
	8/4/2020	<2	n/a	0.072(J)		15.3	<2	n/a	<1	0.487	6E-05(J)	0.144(J)	n/a	n/a	<1	n/a	n/a	n/a
	11/3/2020	<2	n/a	0.072		13.8	<2	n/a	<1	0.445	7.30E-05	<20	n/a	n/a		0.127	n/a	n/a
	2/23/2021	<2	n/a	0.064(J)		12.4	<0.25	n/a	<0.25	0.78	0.09(J)	0.261(J)	n/a	n/a		0.093(J)	n/a	<0.2
	5/12/2021	<2	n/a	0.074(J)		12.3	<0.26	n/a	<0.26	1.77	0.128(J)	0.298(J)	n/a	n/a		0.222(J)	n/a	<0.2
	8/24/2021	<2	n/a	<0.250		12.6	<0.26	n/a	<0.26	0.756	0.173	0.115	n/a	n/a	<0.250	n/a	n/a	<0.2
	11/9/2021	<2	n/a	0.079		14.2	<0.26	n/a	<0.26	1.5	0.123	0.483	n/a	n/a		0.105	n/a	<0.2
	3/3/2022	<2	n/a	0.067		12.6	<0.26	n/a	<0.26	0.785	0.112	0.607	n/a	n/a		0.099	n/a	<0.2
	5/23/2022	<2.08	n/a	<0.260		14.5	<0.260	n/a	<0.260	0.78	0.113	0.153(J)	n/a	n/a	<0.260	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a	<0.260		15.1	<0.260	n/a	<0.260	0.889	0.1	0.15	n/a	n/a	<0.260	n/a	n/a	<0.200
	3/14/2023		0.62	n/a	0.054		12.7	<0.260	n/a	<0.260	0.847	0.149	<0.395	n/a	n/a	<0.260	n/a	<0.200
	8/15/2023	0.617(J)	n/a	0.064(J)		11.4	<0.260	n/a	<0.260	1.21	0.188(J)	0.261(J)	n/a	n/a	<0.416	n/a	n/a	<0.200
	3/6/2024	5.16	n/a	<0.260		11	<0.260	n/a	<0.260	0.414	0.091	0.401	n/a	n/a		0.19	n/a	<0.200
	8/23/2024	<2.08	n/a	0.08		12.3	<0.260	n/a	<0.260	1.35	0.249	0.214	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)	
MW-10	u																		
	7/20/1994	<40	<2		14	n/a	<1	n/a	82	20	150	608000	<0.005	n/a	1076000	3054000	6.75	4050	17.9
	7/20/1994	<40	<2		13	n/a	<1	n/a	71	<10	200	634000	<0.005	n/a	1163000	3060000	7.06	4060	11.5
	7/20/1994	<40	<2		15	n/a	<1	n/a	89	<10	160	617000	<0.005	n/a	1121000	3024000	6.78	4070	14.7
	7/20/1994	<40	<2		15	n/a	<1	n/a	83	90	160	617000	<0.005	n/a	1101000	3078000	6.78	4100	14
	9/30/1994	<40	<2		8	n/a	<1	n/a	49	<10	<10	795000	<0.005	n/a	1430000	3710000	6.7	4900	17.9
	3/8/1995	<30	<2		32	n/a	<1	n/a	60	<10	200	874000	<0.005	n/a	1635000	4230000	6.59	5500	15
	9/28/1995	<30	<2		30	n/a	<1	n/a	62	<10	<10	930000	<0.005	n/a	1780000	4370000	6.57	5550	7.4
	4/1/1996	<50	<2	<2	n/a		1	n/a	39	<10	<100	678000	<0.005	n/a	1057000	3212000	6.57	4150	67.7
	9/26/1996	<50	<2		9	n/a	<1	n/a	168	30	<10	957000	0.011	n/a	1630000	4350000	6.59	5390	95.6
	8/28/1997	<50	<2		4	n/a	<1	n/a	44	<10	190	364000	<0.005	n/a	745000	2150000	6.24	2620	209
	3/25/1998	<40	<2		9	n/a	<1	n/a	29	<10	<100	338000	<0.005	n/a	569000	1980000	6.51	2390	1.81
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	120	370000	<0.005	n/a	673000	1899000	6.33	2580	2.25	
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	230	264000	<0.005	n/a	513000	1410000	6.07	1093	5.35	
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	130	298000	<0.02	n/a	539000	1542000	6.37	626	8.47	
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<0.02	n/a	n/a	n/a	6.4	1578	19.9	
MW-12	u																		
	9/28/1995	<30	<2		2	n/a	<1	n/a	8	<10	230	9500	<5	n/a	61100	336000	7.27	468	15
	10/27/1995	<30	<2		3	n/a	<1	n/a	<2	<10	330	14900	<5	n/a	26400	235000	6.91	352	11.4
	11/29/1995	<40	<2	<2	n/a	<1	n/a		5	<10	290	13600	<5	n/a	30000	367000	6.98	493	10.8
	12/27/1995	<30	<2	<2	n/a	<1	n/a		3	<10	<100	12700	<5	n/a	30600	290000	7.01	424	8.38
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	190	14600	<5	n/a	46700	308000	7.02	435	13.33	
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	20	<10	10800	<5	n/a	20000	270000	6.95	416	51.1	
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	<10	220	13500	<5	n/a	25200	250000	6.56	360	9.2	
	8/28/1997	<40	<2	<2	n/a	<1	n/a	<4	50	240	7060	<5	n/a	31700	233000	6.5	339	10.7	
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	160	11200	<5	n/a	28500	282000	6.7	333	17.3	
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	280	10200	<5	n/a	28600	226000	6.41	326	7.68	
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	<100	10000	<5	n/a	29900	251000	5.86	315	19.9	
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	194	10200	<20	n/a	26900	249000	6.56	225	11.73	
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<20	n/a	n/a	n/a	6.42	207	28.5	
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	6.63	344	8.11	
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	140	n/a	<20	n/a	n/a	n/a	6.1	340	12.8	
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<20	n/a	n/a	n/a	6.76	341	4.34	
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	199	n/a	<5	n/a	n/a	n/a	6.46	316	6.17	
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	150	n/a	<5	n/a	n/a	n/a	6.69	322	5.45	
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<250	n/a	<5	n/a	n/a	n/a	6.64	321	22.9	
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<5	n/a	n/a	n/a	6.6	335	6.56	
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	6.5	321	4.01	
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<5	n/a	n/a	n/a	6.8	314	6.94	
	2/25/2005	n/a		2.3	<2	n/a	n/a	n/a	<10	286	n/a	<5	n/a	n/a	n/a	7.02	318	35.4	
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	275	n/a	<5	n/a	n/a	n/a	6.63	398	9.97	
	2/21/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	350	n/a	<5	n/a	n/a	n/a	6.84	310	4.83	
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.83	225	3.28	
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	269	n/a	<5	n/a	n/a	n/a	6.45	316	1.28	
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	228	n/a	<5	n/a	n/a	n/a	6.59	306	2.23	
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.57	252	3.26	
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	247	n/a	<5	n/a	n/a	n/a	6.6	225	3.53	
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	238	n/a	<5	n/a	n/a	n/a	6.53	286	2.69	
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	198	n/a	<5	n/a	n/a	n/a	5.56	293	4.78	
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	191	n/a	<5	n/a	n/a	n/a	6.49	282	0.91	
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	219	n/a	<5	n/a	n/a	n/a	6.72	250	0.85	
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	280	n/a	<2	n/a	n/a	n/a	6.37	296	0.47	
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	207	n/a	<2	n/a	n/a	n/a	6.31	276	0.59	
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	306	n/a	<2	n/a	n/a	n/a	6.32	279	2.62	
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	314	n/a	<2	n/a	n/a	n/a	6.54	298	0.38	
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	209	n/a	<5	n/a	n/a	n/a	6.69	177	3.62	
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	275	n/a	<5	n/a	n/a	n/a	6.3	326	0.97	
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	228	n/a	<5	n/a	n/a	n/a	6.53	302	0.73	
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	205	n/a	<5	n/a	n/a	n/a	6.26	291	1.9	
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	205	n/a	<5	n/a	n/a	n/a	6.69	299	0.95	
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	171	n/a		5	n/a	n/a	6.54	272	0.91	
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	312	n/a	<5	n/a	n/a	n/a	6.69	282	5.32	
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	206	n/a	<5	n/a	n/a	n/a	6.52	281	1.66	
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	203	n/a	<5	n/a	n/a	n/a	5.65	296	1.3	
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	281	n/a	<5	n/a	n/a	n/a	6.6	288	3.66	
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	283	n/a	<5	n/a	n/a	n/a	6.6	271	3.68	
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	208	n/a	<5	n/a	n/a	n/a	6.54	283	2.79	
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	190	n/a	<5	n/a	n/a	n/a	6.52	293	2.24	
	9/16/2019	1.78	<2	<2	15100	<2	<2	0.257	18.9	245	n/a	<5	<50	n/a	n/a	6.58	286	2.88	
	11/13/2019	1.74	<2	<2	n/a	<2	<2	0.598	<10	181	n/a	<5	<50	n/a	n/a	6.71	291	2.26	
	2/25/2020	1.06	<2	<2	n/a	<2	<2	0.216	16.9	182	n/a	<5	<50	n/a	n/a	6.62	292	1.08	
	5/11/2020	9.12	<2	<2	n/a	<2	<2	0.397	<10	200	n/a	<5		53	n/a	6.42	284	2.18	
	8/4/2020	0.65	<3	<2	n/a	<2	<2	0.135(I)	<10	258	n/a	<5		113	n/a	6.47	283	3.11	
	11/3/2020	0.57	<3	<2	n/a	<2	<2	0.1	4.99	259	n/a	<5		128	n/a	6.59	321	1.88	
	2/23/2021	0.59	<5	<0.3	n/a	<0.25	<20	0.293	<20	248	n/a	<5	<150	n/a	n/a	6.64	288	1.98	
	5/12/2021	2.75	<5.2	<0.312	n/a	<0.26	<20.8	0.152(I)	7.9(I)	239	n/a	<5	<150	n/a	n/a	6.59	249	0.81	
	8/24/2021	0.28	<5.2	<0.312	n/a	<0.26	<20.8	0.143	5.06	216	n/a	<5	<150	n/a	n/a	6.68	170.2	0.63	
	11/9/2021	1	<5.2	<0.312	n/a	<0.26	<20.8	0.276	<20.8	364	n/a	<5	<150	n/a	n/a	6.55	299	0.43	
	3/3/2022	0.63	<5.2	<0.312	n/a	<0.26	<20.8	0.118	<20.8	273	n/a	<5	<150	n/a	n/a	6.55	277	1.09	
	5/23/2022	0.42(I)	<5.20	<0.312	n/a	<0.260	<20.8	0.096(I)	<20.8	318	n/a	<5	<150	n/a	n/a	7.08	253	0.88	
	8/25/2022	0.68	<5.20																

Elemental Environmental Solutions
Fourth Quarter 2024

			Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Co (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-14	d																	
		9/28/1995	<3	n/a	<1	65	<0.2	n/a	<0.1	<50	1	<20	6830	n/a	4	n/a	n/a	n/a
		10/27/1995	6	n/a	6	201	0.3	n/a	<0.1	<50	8	<20	10000	n/a	7	n/a	n/a	n/a
		11/29/1995	<3	n/a	3	53	<0.2	n/a	<0.1	<50	2	<30	4140	n/a	<1	n/a	n/a	n/a
		12/27/1995	<3	n/a	<1	110	<0.2	n/a	<0.1	<50	1	<20	4640	n/a	<1	n/a	n/a	n/a
		4/1/1996	<3	n/a	<1	55	0.2	n/a	<0.1	<50	3	<20	4670	n/a	3	n/a	n/a	n/a
		9/26/1996	<3	n/a	<1	64	<0.2	n/a	<0.1	<50	2	<20	2850	n/a	<1	n/a	n/a	n/a
		3/20/1997	<3	n/a	<1	40	<0.2	n/a	<0.1	<80	2	<20	3950	n/a	<1	n/a	n/a	n/a
		8/28/1997	<3	n/a	<1	53	<0.2	n/a	<0.1	<80	3	<20	3540	n/a	<1	n/a	n/a	n/a
		3/25/1998	<3	n/a	<1	51	<0.2	n/a	<0.1	<80	<1	<30	3860	n/a	<1	n/a	n/a	n/a
		9/21/1998	<3	n/a	7	45	<0.2	n/a	<0.1	<80	2	<30	4420	n/a	<1	n/a	n/a	n/a
		3/25/1999	<3	n/a	6	53	<0.2	n/a	<0.1	<80	2	<30	5210	n/a	<1	n/a	n/a	n/a
		9/29/1999	<3	n/a	11	32	<0.2	n/a	<0.1	<80	1	<30	4690	n/a	<1	n/a	n/a	n/a
		3/21/2000	n/a	n/a	7	33	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	1	n/a	n/a	n/a
		9/21/2000	n/a	n/a	9	50	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		3/29/2001	n/a	n/a	10	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/31/2001	n/a	n/a	20	52	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		11/21/2001	n/a	n/a	17	41	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/26/2002	n/a	n/a	14	36	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
MW-16	d																	
		6/28/2000	n/a	n/a	<1	120	<0.2	n/a	n/a	n/a	n/a	<30	n/a	n/a	<1	n/a	n/a	n/a
		9/21/2000	n/a	n/a	<1	48	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		12/21/2000	n/a	n/a	1	77	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		3/29/2001	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		5/7/2001	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/31/2001	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		12/6/2001	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/26/2002	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/26/2002	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		3/10/2003	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/29/2003	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/12/2004	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/10/2004	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/25/2005	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1.3	n/a	n/a	n/a
		8/9/2005	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		2/21/2006	n/a	n/a	<1	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/11/2006	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/21/2007	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/8/2007	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/7/2008	n/a	n/a	<1	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/14/2008	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		2/11/2009	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
		8/7/2009	n/a	n/a	<1	33	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/11/2010	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/22/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/7/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/18/2014	n/a	n/a	<1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/20/2014	n/a	n/a	<0.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/11/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/27/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/9/2016	n/a	n/a	2.32	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/22/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/22/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/28/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/6/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/4/2019	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		9/16/2019	<2	15	<2	12.2	<2	43400	<1	1.53	0.287	2.2	400	4140	<2	5900	164	n/a
		11/13/2019	<2	n/a	0.433	18.2	<2	n/a	<1	8.53	0.379	0.651	n/a	n/a	0.743	n/a	n/a	n/a
		2/25/2020	1.4	n/a	0.316	15.7	<2	n/a	<1	1.86	0.236	0.313	n/a	n/a	0.253	n/a	n/a	n/a
		5/11/2020	<2	n/a	0.123(J)	14.9	<2	n/a	<1	1.02	0.125(J)	0.234(J)	n/a	n/a	0.253(J)	n/a	n/a	2.5E-05(J)
		8/4/2020	<2	n/a	0.108(J)	15.5	<2	n/a	<1	0.988	0.000143(J)	0.329(J)	n/a	n/a	0.116(J)	n/a	n/a	n/a
		11/3/2020	<2	n/a	0.076	15.8	<2	n/a	<1	0.537	8.90E-05	0.196	n/a	n/a	0.17	n/a	n/a	n/a
		2/23/2021	<2	n/a	<0.25	13.6	<0.25	n/a	<0.25	0.403	0.07(J)	0.202(J)	n/a	n/a	<0.25	n/a	n/a	<0.2
		5/12/2021	<2	n/a	0.081(J)	14.5	<0.26	n/a	<0.26	0.377	0.092(J)	0.129(J)	n/a	n/a	<0.26	n/a	n/a	<0.2
		8/24/2021	<2	n/a	0.056	13.9	<0.26	n/a	<0.26	0.43	0.088	<0.380	n/a	n/a	<0.26	n/a	n/a	<0.2
		11/9/2021	<2	n/a	<0.26	16.6	<0.26	n/a	<0.26	0.669	0.072	1.4	n/a	n/a	0.092	n/a	n/a	<0.2
		3/3/2022	<2	n/a	0.071	15.7	<0.26	n/a	<0.26	0.726	0.094	0.162	n/a	n/a	<0.26	n/a	n/a	<0.2
		5/23/2022	<2.08	n/a	0.057(J)	14.8	<0.260	n/a	<0.260	0.438	0.065(J)	<0.395	n/a	n/a	<0.260	n/a	n/a	<0.200
		8/25/2022	<2.08	n/a	0.058	18.1	<0.260	n/a	<0.260	0.398	0.067	<0.395	n/a	n/a	<0.260	n/a	n/a	<0.200
		8/25/2022	<2.08	n/a	0.058	18.1	<0.260	n/a	<0.260	0.398	0.067	<0.395	n/a	n/a	<0.260	n/a	n/a	<0.200
		8/15/2023	0.456 (J)	n/a	0.236 (J)	15.9	<0.260	n/a	<0.260	3.47	0.491	0.991	n/a	n/a	0.319 (J)	n/a	n/a	<0.200
		3/6/2024	1.21	n/a	<0.260	14.2	<0.260	n/a	<0.260	0.337	0.153	0.23	n/a	n/a	<0.416	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	0.163	14.8	<0.260	n/a	<0.260	2.32	0.35	0.454	0.263	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions

Fourth Quarter 2024

		N (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)	
MW-14	d																		
	9/28/1995	<30	<2		2	n/a	<1	n/a	12	<10	230	7400	<0.005	n/a	62200	233000	6.6	307	21.8
	10/27/1995	<30	<2		14	n/a	<1	n/a	24	<10	280	18200	<0.005	n/a	71000	268000	6.66	394	72.9
	11/29/1995	<40	<2	<2	n/a	<1	n/a	<3	<10	320	12500	<0.005	n/a	35400	257000	6.48	326	5.63	
	12/27/1995	<30	<2	<2	n/a	<1	n/a		4	<10	140	11600	<0.005	n/a	30200	230000	6.51	328	5.57
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	260	11500	<0.005	n/a	44400	229000	6.65	333	10.5	
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	30	<10	18400	<0.005	n/a	34000	281000	6.58	402	25.2	
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	<10	340	12500	<0.005	n/a	30500	235000	6.56	336	2.2	
	8/28/1997	<40	<2	<2	n/a	<1	n/a	<4	<10	310	14100	<0.005	n/a	38700	240000	6.18	361	3.95	
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	270	13200	<0.005	n/a	33700	278000	6.51	355	6.02	
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	310	11000	<0.005	n/a	34000	251000	6.26	342	3.52	
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	290	10100	<0.005	n/a	33700	248000	5.91	303	6.83	
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	260	13100	<0.02	n/a	33600	246000	6.52	260	4.71	
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<0.02	n/a	n/a	n/a	6.45	320	9.59	
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	311	n/a	<0.02	n/a	n/a	n/a	6.66	468	6.13	
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<0.02	n/a	n/a	n/a	6.43	422	9.08	
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<0.02	n/a	n/a	n/a	6.94	480	3.98	
	11/21/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	250	n/a	<0.005	n/a	n/a	n/a	6.59	448	3.43	
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	323	n/a	<0.005	n/a	n/a	n/a	6.42	438	6.42	
MW-16	d																		
	6/28/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	20	134	n/a	<20	n/a	n/a	n/a	6.5	656	2.38	
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	173	n/a	<20	n/a	n/a	n/a	6.43	507	4.05	
	12/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	171	n/a	<20	n/a	n/a	n/a	6.08	473	2.77	
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	110	n/a	<20	n/a	n/a	n/a	6.09	470	5.87	
	5/7/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<20	n/a	n/a	n/a	6.25	416	2.57	
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	140	n/a	<20	n/a	n/a	n/a	6.63	508	3.43	
	12/6/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	110	n/a	<5	n/a	n/a	n/a	6.6	505	3.58	
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	158	n/a	<5	n/a	n/a	n/a	6.34	492	2.75	
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	130	n/a	<5	n/a	n/a	n/a	6.59	498	2.08	
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	290	n/a	<5	n/a	n/a	n/a	6.58	487	2.39	
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	11	230	n/a	<5	n/a	n/a	n/a	6.47	493	1.5	
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	190	n/a	<5	n/a	n/a	n/a	6.42	476	4.51	
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	6.59	454	3.83	
	2/25/2005	n/a	2.3	<2	n/a	n/a	n/a	n/a	<10	244	n/a	<5	n/a	n/a	n/a	7.12	467	5.52	
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	10	206	n/a	<5	n/a	n/a	n/a	6.44	487	2.62	
	2/21/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.64	444	4.23	
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	227	n/a	<5	n/a	n/a	n/a	6.64	319	1.37	
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	211	n/a	<5	n/a	n/a	n/a	6.41	446	1.05	
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<5	n/a	n/a	n/a	6.54	368	1.05	
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.38	368	1.05	
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	24	209	n/a	<5	n/a	n/a	n/a	6.53	297	2.23	
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	185	n/a	<5	n/a	n/a	n/a	6.48	418	2.4	
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	164	n/a	<5	n/a	n/a	n/a	5.78	419	3.8	
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	162	n/a	<5	n/a	n/a	n/a	6.45	408	2.77	
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	185	n/a	<5	n/a	n/a	n/a	6.6	347	1.62	
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	260	n/a	<2	n/a	n/a	n/a	6.34	418	1.47	
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	180	n/a	<2	n/a	n/a	n/a	6.33	398	0.82	
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	279	n/a	<2	n/a	n/a	n/a	6.34	396	1.6	
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	275	n/a	2	n/a	n/a	n/a	6.49	414	2.39	
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	165	n/a	<5	n/a	n/a	n/a	6.72	213	3.86	
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	242	n/a	<5	n/a	n/a	n/a	6.42	440	2.11	
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	190	n/a	<5	n/a	n/a	n/a	6.55	408	3.29	
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	178	n/a	<5	n/a	n/a	n/a	6.26	388	3.39	
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	181	n/a	<5	n/a	n/a	n/a	6.69	396	1.68	
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	143	n/a	7	n/a	n/a	n/a	6.5	369	1.31	
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	150	n/a	<5	n/a	n/a	n/a	6.67	385	11.7	
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	193	n/a	<5	n/a	n/a	n/a	6.53	368	2.11	
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	174	n/a	<5	n/a	n/a	n/a	5.86	379	2.41	
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	272	n/a	<5	n/a	n/a	n/a	6.64	359	2.7	
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	277	n/a	<5	n/a	n/a	n/a	6.64	338	4.29	
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	189	n/a	<5	n/a	n/a	n/a	6.59	357	0.96	
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	170	n/a	<5	n/a	n/a	n/a	6.59	369	1.72	
	9/16/2019	20.2	<2	<2	16000	<2	0.269	3.17	231	n/a	<5	<50	n/a	n/a	n/a	6.63	346	1.71	
	11/13/2019	6.63	<2	<2	n/a	<2	0.662	4.93	167	n/a	<5	<50	n/a	n/a	n/a	6.39	358	2.39	
	2/25/2020	1.64	<2	0.066	n/a	<2	0.344	13.2	167	n/a	<5	71	n/a	n/a	n/a	6.61	358	1.81	
	5/11/2020	2.15	<2	<2	n/a	<2	0.087	<25	181	n/a	4	<50	n/a	n/a	n/a	6.49	357	1.11	
	8/4/2020	0.85	<2	<2	n/a	<2	0.086(J)	<25	236	n/a	<5	<50	n/a	n/a	n/a	6.48	313	1.01	
	11/3/2020	0.6	<2	<2	n/a	<2	0.059	8.3	237	n/a	<5	<50	n/a	n/a	n/a	6.59	352	1.09	
	2/23/2021	0.25(J)	<5	<0.3	n/a	<0.25	<0.049(J)	<20	219	n/a	<5	<150	n/a	n/a	n/a	6.75	356	0.64	
	5/12/2021	0.66	<5.2	<0.312	n/a	<0.26	<0.06(J)	9.54(J)	213	n/a	<5	<150	n/a	n/a	n/a	6.64	310	0.79	
	8/24/2021	0.31	<5.2	<0.312	n/a	<0.26	<0.20	<0.250	<20	190	n/a	<5	<150	n/a	n/a	6.61	204	0.5	
	11/9/2021	0.4	<5.2	<0.312	n/a	<0.26	<0.20	<0.8	347	n/a	<5	<150	n/a	n/a	n/a	6.6	358	0.4	
	3/3/2022	0.62	<5.2	<0.312	n/a	<0.26	<0.20	<0.26	<20.8	256	n/a	<5	<150	n/a	n/a	6.6	321	0.88	
	5/23/2022	0.29(J)	<5.20	<0.312	n/a	<2.60	<0.20	<0.260	<20.8	314(J)	n/a	<5	<150	n/a	n/a				

Elemental Environmental Solutions
Fourth Quarter 2024

			Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Co (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-18	d																	
		3/25/1999	<3	n/a	<1	24	<0.2	n/a	<0.1	<80	0.002	<30	1540	n/a	<1	n/a	n/a	n/a
		9/29/1999	<3	n/a	<1	9	<0.2	n/a	<0.1	<80	<1	<30	1460	n/a	<1	n/a	n/a	n/a
		3/21/2000	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	1	n/a	n/a	n/a
		6/28/2000	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<30	n/a	n/a	<1	n/a	n/a	n/a
		9/21/2000	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
		12/21/2000	n/a	n/a	<1	38	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		3/29/2001	n/a	n/a	<1	7	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		5/7/2001	n/a	n/a	<1	7	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/31/2001	n/a	n/a	<1	8	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/26/2002	n/a	n/a	<1	8	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/26/2002	n/a	n/a	<1	8	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		3/10/2003	n/a	n/a	<1	10	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/29/2003	n/a	n/a	<1	10	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/12/2004	n/a	n/a	<1	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/9/2004	n/a	n/a	<1	9	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/25/2005	n/a	n/a	<1	8	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1.1	n/a	n/a	n/a
		8/9/2005	n/a	n/a	<1	10	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/22/2006	n/a	n/a	<1	8	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/11/2006	n/a	n/a	<1	9	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/21/2007	n/a	n/a	<1	9	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/8/2007	n/a	n/a	<1	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/7/2008	n/a	n/a	<1	8	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/14/2008	n/a	n/a	<1	7	0.3	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/11/2009	n/a	n/a	<1	9	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/7/2009	n/a	n/a	<1	15	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		2/11/2010	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
		8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/22/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/7/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/18/2014	n/a	n/a	<1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/20/2014	n/a	n/a	<0.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/11/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/27/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/9/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/22/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/22/2017	n/a	n/a	3.62	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/28/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/6/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		2/4/2019	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		9/16/2019	<2	<100	<2	7.24	<2	59000	<1	0.583	<2	1.74	466	3420	<2	12200	229	n/a
		11/13/2019	<2	<100	0.247	9.15	<2	n/a	<1	0.182	<2	0.204	n/a	n/a	<2	n/a	n/a	n/a
		2/25/2020	<2	<100	0.247	9.15	<2	n/a	<1	0.269	0.063	0.204	n/a	n/a	<2	n/a	n/a	n/a
		5/11/2020	<2	<100	0.368	11.8	<2	n/a	<1	0.369	5.1E-05(J)	0.447	n/a	n/a	<2	n/a	n/a	n/a
		8/4/2020	<2	<100	0.218(J)	9.01	<2	n/a	<1	0.257(J)	0.000153(J)	n/a	n/a	<3	n/a	n/a	n/a	<0.002
		11/3/2020	<2	<100	0.204	8.51	<2	n/a	<1	0.308	<2	<20	n/a	n/a	<3	n/a	n/a	n/a
		2/23/2021	<2	n/a	0.177(J)	8.11	<0.25	n/a	<0.25	0.251	<0.25	0.169(J)	n/a	n/a	<0.25	n/a	n/a	<0.2
		5/12/2021	<2	n/a	0.197(J)	8.74	<0.26	n/a	<0.26	0.331	0.036(J)	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.2
		8/24/2021	<2	n/a	0.206	10.8	<0.26	n/a	<0.26	0.42	0.038	0.417	n/a	n/a	0.079	n/a	n/a	<0.2
		11/9/2021	<2	n/a	0.291	12.6	<0.26	n/a	<0.26	0.577	0.073	0.187	n/a	n/a	0.301	n/a	n/a	<0.2
		3/3/2022	<2	n/a	0.193	8.2	<0.26	n/a	<0.26	0.307	<0.26	0.342	n/a	n/a	<0.26	n/a	n/a	<0.2
		5/23/2022	<2.08	n/a	0.223(J)	11.1	<2.60	n/a	<0.260	0.47	0.035(J)	<0.260	n/a	n/a	<0.260	n/a	n/a	<0.200
		3/14/2023	<2.08	n/a	0.219	8.35	<2.60	n/a	<0.260	0.222	<0.26	<0.260	n/a	n/a	0.091	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	0.197(J)	8.36	<2.60	n/a	<0.260	0.732	0.046(J)	0.168(J)	n/a	n/a	<0.416	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	0.191	8.38	<2.60	n/a	<0.260	0.36	<0.260	21.6	n/a	n/a	4.06	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	0.216	8.67	<2.60	n/a	<0.260	0.263	<0.260	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-18S	d																	
		5/11/2020	<2	<100	0.287	15.6	<2	n/a	9.8E-05(J)	0.632	0.000188(J)	1.32	n/a	n/a	0.1(J)	n/a	n/a	n/a
		8/4/2020	<2	<100	0.345	15.2	<2	0.064(J)	<1	0.733	0.00197	0.777	n/a	n/a	<3	n/a	n/a	n/a
		11/3/2020	<2	<100	0.373	15.9	<2	n/a	0.000105	0.457	0.000251	0.532	n/a	n/a	0.096	n/a	n/a	n/a
		2/23/2021	<2	n/a	0.273	14.3	<0.25	n/a	0.093(J)	0.541	0.129(J)	1.44	n/a	n/a	<0.25	n/a	n/a	<0.2
		5/12/2021	0.524(J)	n/a	0.349	18.9	<0.26	n/a	0.085(J)	0.813	0.164(J)	1.1	n/a	n/a	0.1(J)	n/a	n/a	<0.2
		8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
		5/27/2022	<2.08	n/a	0.221(J)	15.4	<2.60	n/a	0.051(J)	1.58	0.107(J)	0.777	n/a	n/a	<0.260	n/a	n/a	<0.200
		11/28/2022	0.354(J)	n/a	0.27	14.5	<2.60	n/a	0.095(J)	0.608	0.108(J)	0.585	n/a	n/a	<0.260	n/a	n/a	<0.200
		3/14/2023	<2.08	n/a	0.269	14.4	0.19	n/a	0.075	1.13	0.14	0.838	n/a	n/a	0.098	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	0.237(J)	8.4	<0.260	n/a	<0.260	0.399	0.052(J)	<0.520	n/a	n/a	0.142(J)	n/a	n/a	<0.200
		11/17/2023	<2.08	n/a	0.302	13.7	<0.260	n/a	0.105	1.3	0.187	1.11	n/a	n/a	<0.416	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	0.357	13.3	<0.260	n/a	0.085	0.753	0.119	0.66	n/a	n/a	<0.416	n/a	n/a	<0.200
		6/28/2024	<2.08	n/a	0.323	13.9	<0.260	n/a	0.091	1.47	0.165	1.01	n/a	n/a	0.205	n/a	n/a	<0.200
		8/23/2024	0.724	n/a	0.396	14	<0.260	n/a	0.083	0.586	0.338	0.608	n/a	n/a	<0.416	n/a	n/a	<0.200
		11/15/2024	<2.08	n/a	0.339	14.4	<0.260	n/a	0.094	0.858	0.173	0.69	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-18	d																	
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	200	19100	<5	n/a	32100	351000	6.38	379	80.49
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	170	19800	<20	n/a	32700	319000	6.88	263	24.5
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<20	n/a	n/a	n/a	6.76	430	6.05
	6/28/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	212	n/a	<20	n/a	n/a	n/a	6.61	455	4.48
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	208	n/a	<20	n/a	n/a	n/a	6.92	447	3.02
	12/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<20	n/a	n/a	n/a	6.31	413	8.16
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	130	n/a	<20	n/a	n/a	n/a	6.85	433	4.88
	5/7/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	120	n/a	<20	n/a	n/a	n/a	6.55	409	2.41
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	170	n/a	<20	n/a	n/a	n/a	7.07	453	2.47
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	11	201	n/a	<5	n/a	n/a	n/a	6.64	440	1.56
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	150	n/a	<5	n/a	n/a	n/a	6.87	445	1.17
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	300	n/a	<5	n/a	n/a	n/a	6.71	446	1.56
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	260	n/a	<5	n/a	n/a	n/a	6.74	461	2.09
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.69	443	2.23
	8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	6.7	441	1.84
	2/25/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	253	n/a	<5	n/a	n/a	n/a	7.28	453	1.21
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	227	n/a	<5	n/a	n/a	n/a	6.78	477	1.48
	2/22/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	290	n/a	<5	n/a	n/a	n/a	7.04	449	1.03
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	228	n/a	<5	n/a	n/a	n/a	6.99	333	1.33
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	215	n/a	<5	n/a	n/a	n/a	6.74	478	0.041
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	195	n/a	<5	n/a	n/a	n/a	6.87	467	2.4
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.95	385	0.92
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	201	n/a	<5	n/a	n/a	n/a	6.82	356	2.46
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	195	n/a	<5	n/a	n/a	n/a	6.8	462	0.85
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	172	n/a	<5	n/a	n/a	n/a	5.52	467	4.07
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	165	n/a	<5	n/a	n/a	n/a	7.23	468	0.82
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	189	n/a	<5	n/a	n/a	n/a	6.78	199	2
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	190	n/a	<2	n/a	n/a	n/a	6.73	471	1.49
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	187	n/a	<2	n/a	n/a	n/a	6.99	552	2.9
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	282	n/a	<2	n/a	n/a	n/a	6.6	456	2.34
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	244	n/a	2	n/a	n/a	n/a	6.79	484	2.5
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	189	n/a	<5	n/a	n/a	n/a	7.12	304	0.68
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	267	n/a	<5	n/a	n/a	n/a	6.65	531	1.28
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	193	n/a	<5	n/a	n/a	n/a	6.85	505	1.81
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	187	n/a	<5	n/a	n/a	n/a	6.33	491	2.63
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	184	n/a	<5	n/a	n/a	n/a	7.04	509	1.75
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	142	n/a	<5	n/a	n/a	n/a	6.69	464	1.98
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	155	n/a	<5	n/a	n/a	n/a	6.85	481	1.38
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	193	n/a	<5	n/a	n/a	n/a	6.88	473	2.08
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	186	n/a	<5	n/a	n/a	n/a	6.61	495	1.24
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	268	n/a	<5	n/a	n/a	n/a	6.95	489	1.81
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	309	n/a	<5	n/a	n/a	n/a	7.01	489	0.88
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	188	n/a	<5	n/a	n/a	n/a	6.82	489	0.45
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	174	n/a	<5	n/a	n/a	n/a	6.84	500	1
	9/16/2019	<2	<2	<2	24800	<2	<2	<5	<25	230	n/a	<5	<50	n/a	n/a	6.86	504	0.41
	11/13/2019	<2	<2	0.061	n/a	<2	<2	0.042	<25	161	n/a	<5	<50	n/a	n/a	6.97	518	0.37
	2/25/2020	<2	<2	0.061	n/a	<2	<2	0.006	<25	167	n/a	<5	<50	n/a	n/a	6.91	480	0.78
	5/11/2020 0.19(J)	<2	<2	<2	n/a	<2	<2	0.151	<25	177	n/a	<5	<50	n/a	n/a	6.96	484	0.83
	8/4/2020	<2	<2000	n/a	<2	<2	<5	14	232	n/a	<5000	6.75	414000	n/a	980	<0.05	n/a	n/a
	11/3/2020	0.36	<2	<2	n/a	<2	<2	<5	<25	231	n/a	<5	<50	n/a	n/a	6.87	491	0.56
	2/23/2021	<0.5	<5	<0.3	n/a	<0.25	<20	<0.25	<20	213	n/a	<5	<150	n/a	n/a	6.83	483	0.32
	5/12/2021	0.73	<5.2	<0.312	n/a	<0.26	<20.8	0.072(J)	6.03	211	n/a	<5	<150	n/a	n/a	6.83	435	0.72
	8/24/2021	0.16	<5.2	<0.312	n/a	<0.26	<20.8	0.055	4.86	181	n/a	<5	<150	n/a	n/a	7.03	267	0.71
	11/9/2021	0.37	<5.2	<0.312	n/a	<0.26	<20.8	0.207	<20.8	341	n/a	<5	<150	n/a	n/a	6.82	523	1.01
	3/3/2022	<0.52	<5.2	<0.312	n/a	<0.26	<20.8	<0.26	<20.8	251	n/a	<5	<150	n/a	n/a	7.15	445	0.98
	5/23/2022 0.2(J)	<5.20	<0.312	n/a	<0.260	<20.8	0.042(J)	<20.8	301(J)	n/a	n/a	<5	150	n/a	n/a	6.93	414	1.17
	3/14/2023	<0.52	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	256	n/a	<5	<150	n/a	n/a	7.12	545	1.97
	8/15/2023 0.47 (J)	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	243	n/a	n/a	<5	<150	n/a	n/a	6.38	468	1.3
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	1.78	<0.260	<20.8	259	n/a	<5	<150	n/a	n/a	6.66	335	3.11
	8/23/2024	0.5	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	259	n/a	<5	<150	n/a	n/a	6.94	486	3.62
MW-18S	d																	
	5/11/2020	2.03	23	<2	n/a	<2	<2	0.397	<25	1370	n/a	10	<50	n/a	n/a	7.04	2960	2.2
	8/4/2020	1.69	39.8	<2	n/a	<2	<2	2.16	<25	1400	n/a	<5	<50	n/a	n/a	7.12	2100	3.11
	11/3/2020	0.85	13.9	<2	n/a	<2	<2	0.199	<25	1540	n/a	<5	<50	n/a	n/a	6.83	2540	0.71
	2/23/2021	1.75	29.1	<0.3	n/a	<0.25	<20	0.292	<20	1500	n/a	<5	<150	n/a	n/a	7.19	2830	0.64
	5/12/2021	6.79	27.5	<0.312	n/a	<0.26	<20.8	0.363	7.53(J)	1300	n/a	<5	<150	n/a	n/a	7.14	1565	1.13
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7.12	3040	0.68
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7	2860	2.32
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7.09	2410	0.66
	5/27/2022	1.98	19.8	<0.312	n/a	<0.260	<20.8	0.177(J)	<20.8	1.46	n/a	<5	<150	n/a	n/a	7.22	2890	0.91
	11/28/2022	1.83	32.2	<0.312	n/a	<0.260	<20.8	0.293	<20.8	1.75	n/a	<5	<150	n/a	n/a	7.25	2060	5.11
	3/14/2023	1.76	28.8	<0.312	n/a	<0.260	<20.8	0.248	<20.8	1.73	n/a	2	<150	n/a	n/a	7.36	2660	1.67
	8/15/2023 0.18 (J)	<5.20	<0.312	n/a	<0.260	<20.8	0.073 (J)	<20.8	0.24	n/a	n/a	<5	<150	n/a	n/a	6.8	550	14.3
	11/17/2023	2.13	28.1	<0.312	n/a	<0.260	<20.8	0.262	<20.8	1.94	n/a	<5	<150	n/a	n/a	6.99	2220	2.08
	3/6/2024	2.1	31.3	<0.312	n/a	<0.260	<20.8	0.243	<20.8	n/a	n/a	<5	<150	n/a	n/a	7.16	4360	1.01
	6/28/2024	1.76	29.4	<0.312	n/a	<0.260	<20.8	0.267	5.94	1.64	n/a	<5	<150	n/a	n/a	7.04	2730	3.28
	8/23/2024	2.56	25.2	<0.312	n/a	<0.260	<20.8	0.354	<20.8	1.73	n/a	<5	<150	n/a	n/a	6.98	2150	3.69
	11/15/2024	2.34	15.9	<0.312	n/a	<0.260	<20.8	0.477	<20.8	1.78	n/a	<5	<150	n/a	n/a	7.02	2780	0.88

Elemental Environmental Solutions
Fourth Quarter 2024

		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-20	d																
	6/28/2000	n/a	n/a	<1	50	<0.2	n/a	n/a	n/a	n/a	<30	n/a	n/a	<1	n/a	n/a	n/a
	9/21/2000	n/a	n/a	<1	31	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	12/21/2000	n/a	n/a	<1	50	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/29/2001	n/a	n/a	<1	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	5/7/2001	n/a	n/a	<1	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/31/2001	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/6/2001	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
MW-22	d																
	6/28/2000	n/a	n/a	1	66	<0.2	n/a	n/a	n/a	n/a	1	n/a	n/a	<1	n/a	n/a	n/a
	9/21/2000	n/a	n/a	<1	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/21/2000	n/a	n/a	<1	36	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/29/2001	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	5/7/2001	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/31/2001	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/6/2001	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
MW-24	d																
	5/21/2002	n/a	n/a	2	65	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	64	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	11/19/2002	n/a	n/a	4	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	5	85	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	6/25/2003	n/a	n/a	4	64	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	4	65	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/22/2003	n/a	n/a	<1	65	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/13/2004	n/a	n/a	3	67	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	3	72	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a	3.8	60	0.37	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/10/2005	n/a	n/a	2.7	67	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/22/2006	n/a	n/a	2	58	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	67	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	65	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a	4	64	0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a	3	68	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2009	n/a	n/a	<1	69	<0.2	n/a	n/a	n/a	n/a	20	n/a	n/a	<1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	3	55	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	3	112	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	4	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	2.7	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	3.88	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	2.38	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	2.18	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	2.28	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	2.17	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a	3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a	3.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a	3.67	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a	3.25	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a	3.39	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	3.57	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a	3.55	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	3.59	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	3.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	<100	2.81	53.7	<2	27200	<1	<2	0.665	2.09	4460	3410	<2	4230	263	n/a
	11/13/2019	<2	n/a	3.73	74.3	<2	n/a	<1	0.173	0.695	<20	n/a	n/a	<2	n/a	n/a	n/a
	2/25/2020	<2	n/a	3.59	67.1	<2	n/a	<1	0.282	0.646	0.398	n/a	n/a	<2	n/a	n/a	n/a
	5/11/2020	<2	n/a	4.13	80.6	<2	n/a	<1	0.397	0.652	0.254(J)	n/a	n/a	<2	n/a	n/a	n/a
	8/4/2020	0.345(J)	n/a	3.67	76.3	<2	n/a	3.9E-05(J)	0.309	0.000638	0.131	n/a	n/a	<2	n/a	n/a	n/a
	11/3/2020	<2	n/a	3.55	73	<2	n/a	<1	0.284	0.000672	<20	n/a	n/a	<2	n/a	n/a	n/a
	2/23/2021	<2	n/a	3.81	83.3	<0.25	n/a	<0.25	0.48	0.703	0.384	n/a	n/a	0.159(J)	n/a	n/a	<0.2
	5/12/2021	<2	n/a	3.85	76.7	<0.26	n/a	<0.26	0.186(J)	0.757	0.426	n/a	n/a	0.126(J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a	3.54	68.9	<0.26	n/a	<0.26	0.437	0.737	1.43	n/a	n/a	0.143	n/a	n/a	<0.2
	11/9/2021	<2	n/a	4.3	109	<0.26	n/a	<0.26	1.19	0.852	0.85	n/a	n/a	0.435	n/a	n/a	<0.2
	3/3/2022	<2	n/a	3.92	82	<0.26	n/a	<0.26	0.577	0.759	0.494	n/a	n/a	0.2	n/a	n/a	<0.2
	5/23/2022	<2.08	n/a	3.9	77.9	<0.260	n/a	<0.260	0.502	0.764	0.285(J)	n/a	n/a	0.097(J)	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a	3.32	74.4	<0.260	n/a	<0.260	0.421	0.666	0.232	n/a	n/a	0.085	n/a	n/a	<0.200
	3/14/2023	0.344	n/a	3.47	72.1	<0.260	n/a	<0.260	0.134	0.658	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.200
	8/15/2023	<2.08	n/a	3.36	72.5	<0.260	n/a	<0.260	0.399	0.594	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
	3/6/2024	0.363	n/a	3.67	66.8	<0.260	n/a	<0.260	0.338	0.608	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/23/2024	0.392	n/a	2.67	84.2	<0.260	n/a	<0.260	0.303	0.586	0.16	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions

Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond (umhos/cm)	Turb (NTU)
MW-20	d																	
	6/28/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	251	n/a	<0.02	n/a	n/a	n/a	6.31	299	6.45
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	235	n/a	<0.02	n/a	n/a	n/a	6.69	303	8.63
	12/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	257	n/a	<0.02	n/a	n/a	n/a	6.42	271	8.87
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<0.02	n/a	n/a	n/a	6.13	327	2.05
	5/7/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	140	n/a	<0.02	n/a	n/a	n/a	6.11	191	3.64
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<0.02	n/a	n/a	n/a	6.47	273	3.36
	12/6/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	140	n/a	<0.005	n/a	n/a	n/a	6.61	285	4.25
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	235	n/a	<0.005	n/a	n/a	n/a	6.38	272	6.95
MW-22	d																	
	6/28/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	20	230	n/a	<0.02	n/a	n/a	n/a	6.21	289	17.51
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	228	n/a	<0.02	n/a	n/a	n/a	6.56	279	15.92
	12/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	252	n/a	<0.02	n/a	n/a	n/a	5.78	254	8.16
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	160	n/a	<0.02	n/a	n/a	n/a	6.03	257	5.8
	5/7/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	130	n/a	<0.02	n/a	n/a	n/a	5.96	179	2.32
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<0.02	n/a	n/a	n/a	7.43	248	1.93
	12/6/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<0.005	n/a	n/a	n/a	6.51	258	2.27
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	238	n/a	<0.005	n/a	n/a	n/a	6.23	248	4.66
MW-24	d																	
	5/21/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	227	n/a	<5	n/a	n/a	n/a	6.48	261	8.72
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	190	n/a	<5	n/a	n/a	n/a	6.62	263	6.39
	11/19/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.55	266	3.3
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	470	n/a	<5	n/a	n/a	n/a	6.31	51	6.36
	6/25/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	440	n/a	<5	n/a	n/a	n/a	6.35	265	4.98
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	300	n/a	<5	n/a	n/a	n/a	6.47	265	4.03
	12/22/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	330	n/a	<5	n/a	n/a	n/a	6.25	256	5
	2/13/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	290	n/a	<5	n/a	n/a	n/a	6.39	259	3.53
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	320	n/a	<5	n/a	n/a	n/a	6.17	248	4.47
	2/25/2005	n/a		3.3	5.6	n/a	n/a	n/a	<10	302	n/a	<5	n/a	n/a	n/a	8.11	260	4.06
	8/10/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	11	288	n/a	<5	n/a	n/a	n/a	6.48	271	18.27
	2/22/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	410	n/a	<5	n/a	n/a	n/a	6.85	265	3.57
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	339	n/a	<5	n/a	n/a	n/a	6.64	152.6	5.43
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	303	n/a	<5	n/a	n/a	n/a	6.4	272	1.61
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	266	n/a	<5	n/a	n/a	n/a	6.52	213	3.19
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.48	213	3.19
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	282	n/a	<5	n/a	n/a	n/a	6.49	204	2.51
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	281	n/a	<5	n/a	n/a	n/a	6.49	288	4.98
	8/7/2009	n/a		2	<0.5	n/a	n/a	n/a	<10	232	n/a	<5	n/a	n/a	n/a	5.42	259	3.48
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	226	n/a	<5	n/a	n/a	n/a	6.42	256	1.24
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	255	n/a	<5	n/a	n/a	n/a	6.53	161	1.52
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	360	n/a	<2	n/a	n/a	n/a	6.11	238	1.98
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	254	n/a	<2	n/a	n/a	n/a	6.33	255	3.59
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	358	n/a	<2	n/a	n/a	n/a	6.22	248	4.94
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	369	n/a	<2	n/a	n/a	n/a	6.53	260	3.29
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	247	n/a	<5	n/a	n/a	n/a	6.73	206	3.87
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	324	n/a	<5	n/a	n/a	n/a	6.27	260	17.7
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	277	n/a	<5	n/a	n/a	n/a	6.49	277	11.01
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	246	n/a	<5	n/a	n/a	n/a	4.81	277	5.66
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	260	n/a	<5	n/a	n/a	n/a	6.99	273	3.71
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	198	n/a	<5	n/a	n/a	n/a	6.33	257	5.11
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	212	n/a	<5	n/a	n/a	n/a	6.55	265	2.91
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	255	n/a	<5	n/a	n/a	n/a	6.35	262	3.88
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	256	n/a	<5	n/a	n/a	n/a	6.3	275	5.45
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	333	n/a	<5	n/a	n/a	n/a	6.62	262	4.88
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	370	n/a	<5	n/a	n/a	n/a	6.72	260	1.61
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	258	n/a	<5	n/a	n/a	n/a	6.5	263	1.81
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	234	n/a	<5	n/a	n/a	n/a	6.49	268	0.75
	9/16/2019	0.611	<2	<2	14200	<2	<2	0.228	3.36	290	n/a	<5	<50	n/a	n/a	6.45	251	3.15
	11/13/2019	0.57	<2	<2	n/a	<2	<2	<5	<10	229	n/a	<5	<50	n/a	n/a	6.3	265	0.29
	2/25/2020	0.61	<2	<2	n/a	<2	<2	<5	12.6	233	n/a	<5	28	n/a	n/a	6.69	2600	0.57
	5/11/2020	0.75	<2	<2	n/a	<2	<2	<5	<10	241	n/a	<5	<50	n/a	n/a	6.51	242	3.11
	8/4/2020	0.5	<2	<2	n/a	<2	<2	0.249(J)	<10	299	n/a	<5	<50	n/a	n/a	6.67	237	1.99
	11/3/2020	0.55	<2	<2	n/a	<2	<2	<5	<10	306	n/a	<5	<50	n/a	n/a	6.53	252	3.11
	2/23/2021	0.73	<5	<0.3	n/a	<0.25	<20	0.115(J)	<20	282	n/a	<5	<150	n/a	n/a	6.82	263	3.11
	5/12/2021	0.86	<5.2	<0.312	n/a	<0.26	<20.8	0.086(J)	6.79(J)	276	n/a	<5	<150	n/a	n/a	6.57	230	1.87
	8/24/2021	0.74	<5.2	<0.312	n/a	<0.26	<20.8	0.18	9.98	252	n/a	<5	<150	n/a	n/a	6.61	183.7	1.2
	11/9/2021	1.26	<5.2	<0.312	n/a	<0.26	<20.8	0.495	6.34	425	n/a	<5	<150	n/a	n/a	6.57	262	4.97
	3/3/2022	0.8	<5.2	<0.312	n/a	<0.26	<20.8	0.11	4.96	326	n/a	<5	<150	n/a	n/a	6.56	237	3.05
	5/23/2022	0.78	<5.20	<0.312	n/a	<0.260	<20.8	0.083(J)	<20.8	377	n/a	<5	<150	n/a	n/a	6.8	239	1.41
	8/25/2022	0.77	<5.20	<0.312	n/a	<0.260	<20.8	0.079	<20.8	339	n/a	<5	<150	n/a	n/a	6.67	251	8.67
	3/14/2023	0.56	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	315	n/a	<5	<150	n/a	n/a	6.82	266	3.57
	8/15/2023	0.52	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	314	n/a	<5	<150	n/a	n/a	6.25	254	1.51
	3/6/2024	0.55	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	343	n/a	<5	<150	n/a	n/a	6.72	430	5.22
	8/23/2024	0.64	<5.20	<0.312	n/a	<0.260	<20.8	0.05	<20.8	249	n/a	<5	<150	n/a	n/a	6.8	334	3.12

Elemental Environmental Solutions
Fourth Quarter 2024

		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-25	d																
	5/21/2002	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	11/19/2002	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	<1	29	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	6/25/2003	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/22/2003	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/13/2004	n/a	n/a	<1	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	<1	43	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a	1	26	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2005	n/a	n/a	<1	33	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/22/2006	n/a	n/a	<1	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	73	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a	<1	28	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a	1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2009	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1	27	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1	52	<0.2	n/a	n/a	n/a	n/a	27	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	<1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a	0.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	1.06	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	<100	0.634	18.9	<2	22800	<1	<2	<2	2.67	5080	3270	<2	3710	208	n/a
	11/13/2019	<2	n/a	0.807	26.2	0.124	n/a	<1	0.138	0.168	0.172	n/a	n/a	3.01	n/a	n/a	n/a
	2/25/2020	<2	n/a	0.773	30.9	<2	n/a	<1	0.507	0.181	0.361	n/a	n/a	<2	n/a	n/a	n/a
	5/11/2020	<2	n/a	0.983	29.5	<2	n/a	<1	0.355	0.203(J)	0.43	n/a	n/a	<2	n/a	n/a	n/a
	8/4/2020	<3	n/a	0.715	22.6	<2	n/a	<1	0.29	0.000194(J)	0.178(J)	n/a	n/a	<2	n/a	n/a	n/a
	11/3/2020	<3	n/a	0.765	26.2	<2	n/a	<1	0.304	0.000165	0.142	n/a	n/a	<2	n/a	n/a	n/a
	2/23/2021	<2	n/a	0.745	27.4	<0.25	n/a	<0.25	0.328	0.174(J)	0.307(J)	n/a	n/a	<0.25	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.961	31.5	<0.26	n/a	<0.26	0.204(J)	0.238(J)	0.873	n/a	n/a	<0.26	n/a	n/a	<0.2
	8/24/2021	<2	n/a	0.731	25	<0.26	n/a	<0.26	0.341	0.203	0.332	n/a	n/a	0.09	n/a	n/a	<0.2
	11/9/2021	<2	n/a	0.747	27.3	<0.26	n/a	<0.26	0.484	0.213	0.399	n/a	n/a	0.11	n/a	n/a	<0.2
	3/3/2022	<2	n/a	0.777	26.7	<0.26	n/a	<0.26	0.503	0.218	0.226	n/a	n/a	<0.26	n/a	n/a	<0.2
	5/23/2022	<2.08	n/a	0.836	30.4	<2.60	n/a	<0.260	0.762	0.257(J)	0.694	n/a	n/a	0.116(J)	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a	0.673	25.8	<2.60	n/a	<0.260	0.365	0.205	0.408	n/a	n/a	0.098	n/a	n/a	<0.200
	3/14/2023	<2.08	n/a	0.729	25.9	<2.60	n/a	<0.260	0.194	0.189	<0.395	n/a	n/a	<0.26	n/a	n/a	<0.200
	8/15/2023	<2.08	n/a	0.704	21.6	<2.60	n/a	<0.260	0.413	0.17	1.94	n/a	n/a	<0.26	n/a	n/a	<0.200
	3/6/2024	<2.08	n/a	0.67	21.9	<2.60	n/a	<0.260	0.338	0.128	<0.520	n/a	n/a	0.396	n/a	n/a	<0.200
	8/23/2024	<2.08	n/a	0.747	22	<2.60	n/a	<0.260	0.294	0.147	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sr (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TD5 (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (ntu)
MW-25	d																	
	5/21/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<5	n/a	n/a	n/a	6.32	228	9.85
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	170	n/a	<5	n/a	n/a	n/a	6.61	235	5.72
	11/19/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<5	n/a	n/a	n/a	6.49	240	6.21
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	460	n/a	<5	n/a	n/a	n/a	6.27	50	7.36
	6/25/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	430	n/a	<5	n/a	n/a	n/a	6.3	241	8.14
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<5	n/a	n/a	n/a	6.41	241	3.83
	12/22/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	290	n/a	<5	n/a	n/a	n/a	6.2	234	3.2
	2/13/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<5	n/a	n/a	n/a	6.36	235	14.7
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	290	n/a	<5	n/a	n/a	n/a	6.26	221	25
	2/25/2005	n/a		2.8	<2	n/a	n/a	n/a		383	n/a	<5	n/a	n/a	n/a	7.04	235	6.77
	8/10/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	10	268	n/a	<5	n/a	n/a	n/a	6.45	243	17
	2/22/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	350	n/a	<5	n/a	n/a	n/a	6.61	246	2.37
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	323	n/a	<5	n/a	n/a	n/a	6.57	153.9	6.58
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	278	n/a	<5	n/a	n/a	n/a	6.36	244	2.08
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	251	n/a	<5	n/a	n/a	n/a	6.46	235	2.98
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.45	197	3.56
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<5	n/a	n/a	n/a	6.41	190.9	4.69
	2/11/2009	n/a	<2		2	n/a	n/a	n/a	<10	243	n/a	<5	n/a	n/a	n/a	6.41	264	2.46
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	219	n/a	<5	n/a	n/a	n/a	5.44	238	8.67
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	21	205	n/a	<5	n/a	n/a	n/a	6.36	234	11.5
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	238	n/a	<5	n/a	n/a	n/a	6.48	140	3.62
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	380	n/a	<2	n/a	n/a	n/a	6.54	224	3.11
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	238	n/a	<2	n/a	n/a	n/a	6.33	334	4.97
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	309	n/a	<2	n/a	n/a	n/a	6.19	229	5.03
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	277	n/a	<2	n/a	n/a	n/a	6.47	240	6.95
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	227	n/a	<5	n/a	n/a	n/a	6.7	197.9	4.16
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	300	n/a	<5	n/a	n/a	n/a	6.17	254	9.28
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	249	n/a	<5	n/a	n/a	n/a	6.44	257	9
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	234	n/a	<5	n/a	n/a	n/a	5.43	263	12.8
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	231	n/a	<5	n/a	n/a	n/a	7.05	247	4.87
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	177	n/a	<5	n/a	n/a	n/a	6.29	237	8.87
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	191	n/a	<5	n/a	n/a	n/a	6.5	244	6.54
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	244	n/a	<5	n/a	n/a	n/a	6.29	236	11.45
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	228	n/a	<5	n/a	n/a	n/a	6.24	250	3.97
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	319	n/a	<5	n/a	n/a	n/a	6.58	235	5.14
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	346	n/a	<5	n/a	n/a	n/a	6.74	232	2.45
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	253	n/a	<5	n/a	n/a	n/a	6.35	234	1.99
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	220	n/a	<5	n/a	n/a	n/a	6.5	241	2.51
	9/16/2019	0.741	<2	<2	13300	<2	<2	0.211	<25	277	n/a	<5	<50	n/a	n/a	6.3	223	5.21
	11/13/2019	0.56	<2	<2	n/a	<2	<2	<5	<10	216	n/a	<5	<50	n/a	n/a	6.12	243	0.58
	2/25/2020	0.75	<2	<2	n/a	<2	<2	0.071	9.72	217	n/a	<5	<50	n/a	n/a	6.59	220	4.3
	5/11/2020	0.79	<2	<2	n/a	<2	<2	<5	<10	235	n/a	<5	<50	n/a	n/a	6.44	219	9.31
	8/4/2020	0.52	<2	<3	n/a	<2	<2	0.163	<10	286	n/a	<5	<50	n/a	n/a	6.64	215	2.24
	11/3/2020	0.49	<2	<3	n/a	<2	<2	<5	<10	293	n/a	<5	<50	n/a	n/a	6.48	227	4.78
	2/23/2021	0.66	<5	<0.3	n/a	<0.25	<20	<0.25	<20	262	n/a	<5	<150	n/a	n/a	6.78	233	3.31
	5/12/2021	0.88	<5.2	<0.312	n/a	<0.26	<20.8	0.122(I)	<20.8	261	n/a	<5	<150	n/a	n/a	6.49	226	4.79
	8/24/2021	0.61	<5.2	<0.312	n/a	<0.26	<20.8	0.134	13.2	238	n/a	<5	<150	n/a	n/a	6.57	175.6	1.11
	11/9/2021	0.75	<5.2	<0.312	n/a	<0.26	<20.8	0.163	<20.8	408	n/a	<5	<150	n/a	n/a	6.48	237	0.96
	3/3/2022	0.71	<5.2	<0.312	n/a	<0.26	<20.8	0.065	<20.8	311	n/a	<5	<150	n/a	n/a	6.49	217	2.51
	5/23/2022	0.83	<5.20	<0.312	n/a	<0.260	<20.8	0.236(I)	<20.8	395(I)	n/a	<5	<150	n/a	n/a	6.61	202	3.61
	8/25/2022	1.01	<5.20	<0.312	n/a	<0.260	<20.8	0.127	<20.8	322	n/a	<5	<150	n/a	n/a	6.61	215	4.25
	3/14/2023	0.6	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	273	n/a	<5	<150	n/a	n/a	6.74	239	9.22
	8/15/2023	0.61	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	290	n/a	<5	<150	n/a	n/a	6.52	209	9.68
	3/6/2024	0.59	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	323	n/a		2	<150	n/a	6.61	375	20.1
	8/23/2024	0.71	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	310	n/a	<5	<150	n/a	n/a	6.45	227	6.44

Elemental Environmental Solutions
Fourth Quarter 2024

		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-26	d																
	5/21/2002	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	11/19/2002	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	6/25/2003	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	2	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	12/22/2003	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/13/2004	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	1.1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a	2	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2005	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/22/2006	n/a	n/a	<1	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	17	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	33	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2009	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1	38	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a	1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a	1.01	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	1.26	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	1.09	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	1.16	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	<100	0.849	9.42	<2	26900	<1	<2	0.301	2.08	3780	3120	<2	3740	339	n/a
	11/13/2019	<2	<100	1.02	12.4	<2	n/a	<1	0.129	0.251	0.111	n/a	n/a	<2	n/a	n/a	n/a
	2/25/2020	<2	<100	1.11	16.5	<2	n/a	<1	1.48	0.276	0.43	n/a	n/a	<2	n/a	n/a	n/a
	5/11/2020	<2	<100	1	14.3	<2	n/a	<1	0.315	0.331	0.269(J)	n/a	n/a	<2	n/a	n/a	n/a
	8/4/2020	<2	<100	0.847	11.7	<2	n/a	<1	0.319	0.000349	0.189(J)	n/a	n/a	<2	n/a	n/a	n/a
	11/3/2020	<2	<100	0.964	13	<2	n/a	<1	0.266	0.000275	<20	n/a	n/a	<2	n/a	n/a	n/a
	2/23/2021	<2	n/a	1.24	22	0.089(J)	n/a	0.132(J)	0.609	0.562	0.937	n/a	n/a	0.309	n/a	n/a	<0.2
	5/12/2021	<2	n/a	1.01	17.1	<0.26	n/a	<0.26	0.196(J)	0.392	0.33(J)	n/a	n/a	0.113(J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a	1.07	20.5	<0.26	n/a	<0.26	0.423	0.47	0.582	n/a	n/a	0.167	n/a	n/a	<0.2
	11/9/2021	<2	n/a	1.03	20	<0.26	n/a	<0.26	0.633	0.443	0.681	n/a	n/a	0.154	n/a	n/a	<0.2
	3/3/2022	<2	n/a	1.14	21.1	<0.26	n/a	<0.26	0.553	0.412	0.552	n/a	n/a	0.163	n/a	n/a	<0.2
	5/23/2022	<2.08	n/a	1.06	21	<2.60	n/a	<0.260	0.671	0.471	0.553	n/a	n/a	0.183(J)	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a	0.889	17	<2.60	n/a	<0.260	2.15	0.42	0.478	n/a	n/a	0.127	n/a	n/a	<0.200
	3/14/2023	<2.08	n/a	0.978	17.4	<2.60	n/a	<0.260	0.511	0.268	0.204	n/a	n/a	<0.26	n/a	n/a	<0.200
	8/15/2023	<2.08	n/a	0.923	13.7	<0.260	n/a	<0.260	0.742	0.324	0.372 (J)	n/a	n/a	0.130 (J)	n/a	n/a	<0.200
	3/6/2024	<2.08	n/a	1.02	16.1	<0.260	n/a	<0.260	0.342	0.282	0.152	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/23/2024	0.476	n/a	0.882	11.5	<0.260	n/a	<0.260	0.28	0.259	0.179	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions

Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TD5 (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (ntu)
MW-26	d																	
	5/21/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	15	166	n/a	<5	n/a	n/a	n/a	6.88	252	6.93
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	130	n/a	<5	n/a	n/a	n/a	6.68	263	6.67
	11/19/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.67	268	6.99
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	380	n/a	<5	n/a	n/a	n/a	6.47	256	8.83
	6/25/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	360	n/a	<5	n/a	n/a	n/a	6.45	262	8.64
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	220	n/a	<5	n/a	n/a	n/a	6.67	264	6.62
	12/22/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<250	n/a	<5	n/a	n/a	n/a	6.4	256	6.65
	2/13/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	20	160	n/a	<5	n/a	n/a	n/a	6.54	257	4.71
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<5	n/a	n/a	n/a	6.39	245	9.55
	2/25/2005	n/a		2.1	n/a	n/a	n/a	n/a	<10	282	n/a	<5	n/a	n/a	n/a	6.97	256	7.08
	8/10/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	10	188	n/a	<5	n/a	n/a	n/a	6.67	265	7.14
	2/22/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<5	n/a	n/a	n/a	6.79	245	6.64
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	201	n/a	<5	n/a	n/a	n/a	6.82	143	7.94
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	186	n/a	<5	n/a	n/a	n/a	6.48	261	2.34
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	162	n/a	<5	n/a	n/a	n/a	6.63	250	3.31
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.29	203	2.97
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	177	n/a	<5	n/a	n/a	n/a	6.58	188.5	4.78
	2/12/2009	n/a	<2		2	n/a	n/a	n/a	<10	156	n/a	<5	n/a	n/a	n/a	6.55	282	4.35
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	136	n/a	<5	n/a	n/a	n/a	5.65	255	5.76
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	130	n/a	<5	n/a	n/a	n/a	6.65	249	15.9
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	154	n/a	<5	n/a	n/a	n/a	6.5	147	4.25
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	240	n/a	<2	n/a	n/a	n/a	6.37	236	3.94
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	165	n/a	<2	n/a	n/a	n/a	6.65	248	3.28
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	232	n/a	<2	n/a	n/a	n/a	6.34	243	4.43
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	164	n/a	2	n/a	n/a	n/a	6.69	258	4.96
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	143	n/a	<5	n/a	n/a	n/a	7.08	211	7.94
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	221	n/a	<5	n/a	n/a	n/a	6.47	275	8.09
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	158	n/a	<5	n/a	n/a	n/a	6.63	275	10.7
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	162	n/a	<5	n/a	n/a	n/a	5.53	274	8.63
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	149	n/a	<5	n/a	n/a	n/a	6.83	269	2.47
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	112	n/a	<5	n/a	n/a	n/a	6.31	247	4.87
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	122	n/a	<5	n/a	n/a	n/a	6.67	260	8.25
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	212	n/a	<5	n/a	n/a	n/a	6.63	254	8.99
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	145	n/a	<5	n/a	n/a	n/a	6.42	271	4.06
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	242	n/a	<5	n/a	n/a	n/a	6.71	253	6.11
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	244	n/a	<5	n/a	n/a	n/a	6.81	250	3.79
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	161	n/a	<5	n/a	n/a	n/a	6.58	251	0.63
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	137	n/a	<5	n/a	n/a	n/a	6.69	259	4.22
	9/16/2019	0.876	<2	<2	14800	<2	<2	0.21	2.73	205	n/a	<5	<50	n/a	n/a	6.52	241	5.91
	11/13/2019	0.56	<2	<2	n/a	<2	<2	<5	<10	142	n/a	<5	<50	n/a	n/a	6.25	260	0.56
	2/25/2020	1.2	<2	<2	n/a	<2	<2	<5	10.6	145	n/a	<5	<50	n/a	n/a	6.78	243	4.69
	5/11/2020	0.75	<2	<2	n/a	<2	<2	<5	<10	153	n/a	<5	<50	n/a	n/a	6.56	244	8.38
	8/4/2020	0.55	<2	<3	n/a	<2	<2	0.152(I)	<10	215	n/a	<5	<50	n/a	n/a	6.8	231	3.11
	11/3/2020	0.76	<2	<3	n/a	<2	<2	<5	<10	230	n/a	<5	<50	n/a	n/a	6.57	246	1.98
	2/23/2021	1.07	<5	<0.3	n/a	0.096(I)	<20	0.342	<20	182	n/a	<5	<150	n/a	n/a	6.94	255	6.16
	5/12/2021	0.94	<5.2	<0.312	n/a	<0.26	<20.8	0.107(I)	9.17(I)	186	n/a	<5	<150	n/a	n/a	6.66	238	3.15
	8/24/2021	0.82	<5.2	<0.312	n/a	<0.26	<20.8	0.256	8.94	158	n/a	<5	<150	n/a	n/a	6.71	187.9	3.43
	11/9/2021	1.01	<5.2	<0.312	n/a	<0.26	<20.8	0.222	<20.8	312	n/a	<5	<150	n/a	n/a	6.67	257	1.84
	3/3/2022	0.84	<5.2	<0.312	n/a	<0.26	<20.8	0.116	<20.8	225	n/a	<5	<150	n/a	n/a	6.61	230	4.61
	5/23/2022	1.09	<5.20	<0.312	n/a	<0.260	<20.8	0.286	5.21(I)	299(I)	n/a	<5	<150	n/a	n/a	6.87	214	4.11
	8/25/2022	1.04	<5.20	<0.312	n/a	<0.260	<20.8	0.204	<20.8	217	n/a	<5	<150	n/a	n/a	6.72	232	7.77
	3/14/2023	0.75	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	218	n/a	<5	<150	n/a	n/a	6.91	267	12.7
	8/15/2023	0.99	<5.20	<0.312	n/a	<0.260	<20.8	0.078 (I)	5.92 (I)	195	n/a	<5	<150	n/a	n/a	6.67	238	15.5
	3/6/2024	0.67	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	227	n/a		2	<150	n/a	6.76	497	27.9
	8/23/2024	0.85	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	233	n/a	<5	<150	n/a	n/a	6.7	231	9.62

Elemental Environmental Solutions
Fourth Quarter 2024

		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-27	d																
	5/21/2002	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	11/19/2002	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	6/25/2003	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a		2	25	<0.2	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/22/2003	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/13/2004	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a		1.2	30	<0.2	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a		2	19	<0.2	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/10/2005	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/22/2006	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	24	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	22	1.9	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a		1	19	<0.2	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2009	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1	47	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a		2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a		1.02	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a		1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a		1.48	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a		1.05	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a		1.17	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a		1.04	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a		1.23	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a		1.14	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	<100		0.818	15.9	<2	30800	<1	<2	<2	2.03	4380	3210	0.256	4180	261
	11/13/2019	<2	<100		1.02	24.4	<2	n/a	<1	0.133	0.155	0.214	n/a	<1	n/a	n/a	n/a
	2/25/2020	<2	<100		1.19	26.5	<2	n/a	<1	0.263	0.227	0.287	n/a	<1	n/a	n/a	n/a
	5/11/2020	<2	n/a		1.09	23.7	<2	n/a	<1	0.349	0.000214 (I	3.29	n/a	<1	n/a	n/a	n/a
	8/4/2020	<2	n/a		1.04	24.9	<2	n/a	<1	0.356	0.000251 (I	0.249 (J)	n/a	<1	n/a	n/a	n/a
	11/3/2020	<2	n/a		0.973	22.9	<2	n/a	<1	0.3	0.000186	0.13	n/a	<1	n/a	n/a	n/a
	2/23/2021	<2	n/a		1.38	32.6	<0.25	n/a	<0.25	0.413	0.245 (J)	472000	n/a	0.139 (J)	n/a	n/a	<0.2
	5/12/2021	<2	n/a		1.23	24.9	<0.26	n/a	<0.26	0.245 (J)	0.291	0.368 (J)	n/a	0.232 (J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a		1.17	28	<0.26	n/a	<0.26	0.589	0.279	0.412	n/a	0.199	n/a	n/a	<0.2
	11/9/2021	<2	n/a		1.09	24.9	<0.26	n/a	<0.26	0.674	0.33	0.339	n/a	0.162	n/a	n/a	<0.2
	3/3/2022	<2	n/a		1.04	20.5	<0.26	n/a	<0.26	0.415	0.218	1.33	n/a	0.299	n/a	n/a	<0.2
	5/23/2022	<2.08	n/a		1.01	22	<0.260	n/a	<0.260	0.66	0.261	0.414	n/a	0.118 (J)	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a		1.01	23.7	<0.260	n/a	<0.260	0.475	0.242	1.16	n/a	0.171	n/a	n/a	<0.200
	3/14/2023	<2.08	n/a		1.01	23.8	<0.113	n/a	<0.260	0.171	0.182	<0.395	n/a	<0.26	n/a	n/a	<0.200
	8/15/2023	<2.08	n/a		1.08	27.3	<0.260	n/a	<0.260	0.556	0.213 (J)	0.204 (J)	n/a	<0.416	n/a	n/a	<0.200
	3/6/2024	<2.08	n/a		1.15	25.2	<0.260	n/a	<0.260	0.417	0.174	<0.520	n/a	<0.416	n/a	n/a	<0.200
	8/23/2024	0.344	n/a		1.02	25.1	<0.260	n/a	<0.260	0.325	0.159	<0.520	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions
Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-27	d																	
	5/21/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	146	n/a	<5	n/a	n/a	n/a	7.11	272	8.03
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.69	274	6.49
	11/19/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	190	n/a	<5	n/a	n/a	n/a	6.7	278	7.3
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	370	n/a	<5	n/a	n/a	n/a	6.46	272	10.75
	6/25/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	340	n/a	<5	n/a	n/a	n/a	6.49	276	6.41
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<5	n/a	n/a	n/a	6.63	280	8.36
	12/22/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<250	n/a	<5	n/a	n/a	n/a	6.46	272	6.14
	2/13/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	130	n/a	<5	n/a	n/a	n/a	6.75	273	4.92
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	160	n/a	<5	n/a	n/a	n/a	6.46	259	11.07
	2/25/2005	n/a	2.6	<2	n/a	n/a	n/a	n/a	<10	202	n/a	<5	n/a	n/a	n/a	7.06	272	8.62
	8/10/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	10	160	n/a	<5	n/a	n/a	n/a	6.7	283	14.57
	2/22/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	140	n/a	<5	n/a	n/a	n/a	6.9	258	7.93
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	21	180	n/a	<5	n/a	n/a	n/a	6.77	196.3	18.3
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	156	n/a	<5	n/a	n/a	n/a	6.52	279	7.6
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	132	n/a	<5	n/a	n/a	n/a	6.65	267	3.13
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.47	220	2.85
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	133	n/a	<5	n/a	n/a	n/a	6.64	220	4.22
	2/12/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	127	n/a	<5	n/a	n/a	n/a	6.56	300	2.92
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	123	n/a	<5	n/a	n/a	n/a	5.69	271	4.98
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	104	n/a	<5	n/a	n/a	n/a	6.54	266	5.67
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	128	n/a	<5	n/a	n/a	n/a	6.5	165	1.52
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	240	n/a	<2	n/a	n/a	n/a	6.35	254	3.75
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	145	n/a	<2	n/a	n/a	n/a	6.68	247	4.35
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	204	n/a	<2	n/a	n/a	n/a	6.38	262	17.6
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	140	n/a	<2	n/a	n/a	n/a	6.8	273	3.35
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	122	n/a	<5	n/a	n/a	n/a	7.05	220	30.5
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	244	n/a	<5	n/a	n/a	n/a	6.53	292	17.5
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	131	n/a	<5	n/a	n/a	n/a	6.63	292	30.1
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	127	n/a	<5	n/a	n/a	n/a	5.92	290	18.1
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	124	n/a	<5	n/a	n/a	n/a	6.73	287	10.32
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<100	n/a	<5	n/a	n/a	n/a	6.33	261	12.87
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	103	n/a	<5	n/a	n/a	n/a	6.78	281	18.9
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	126	n/a	<5	n/a	n/a	n/a	6.5	217	5.48
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	230	n/a	<5	n/a	n/a	n/a	6.83	273	5.11
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	225	n/a	<5	n/a	n/a	n/a	6.91	269	5.42
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	132	n/a	<5	n/a	n/a	n/a	6.75	268	5.01
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	113	n/a	<5	n/a	n/a	n/a	6.7	278	2.91
	9/16/2019	0.788	<2	<2	14900	<2	<2	0.199	<25	180	n/a	<5	<50	n/a	n/a	6.72	257	4.98
	11/13/2019	0.48	<2	<2	n/a	<2	<2	<5	<25	114	n/a	<5	<50	n/a	n/a	6.52	274	1.56
	2/25/2020	0.67	<2	<2	n/a	<2	<2	<5	11.2	119	n/a	<5	<50	n/a	n/a	6.89	270	4.97
	5/11/2020	0.77	<2	<2	n/a	<2	<2	<5	<25	127	n/a	<5	<50	n/a	n/a	6.92	248	6.44
	8/4/2020	0.54	<2	<3	n/a	<2	<2	0.16 (J)	<25	181	n/a	<5	113(J)	n/a	n/a	6.85	254	2.88
	11/3/2020	0.5	<2	<3	n/a	<2	<2	<5	<25	185	n/a	<5	<50	n/a	n/a	6.65	271	4.41
	2/23/2021	0.81	<5	<0.3	n/a	<0.25	<20	0.114 (J)	<20	162	n/a	<5	<150	n/a	n/a	6.99	277	6.23
	5/12/2021	1.17	<5.2	<0.312	n/a	<0.26	<20.8	0.188 (J)	8.42(J)	160	n/a	<5	<150	n/a	n/a	6.79	255	2.89
	8/24/2021	1.16	<5.2	<0.312	n/a	<0.26	<20.8	0.26	11.5	137	n/a	<5	<150	n/a	n/a	6.76	196.7	1.39
	11/9/2021	1.07	<5.2	<0.312	n/a	<0.26	<20.8	0.266	<20.8	286	n/a	<5	<150	n/a	n/a	6.7	276	0.59
	3/3/2022	0.72	<5.2	<0.312	n/a	<0.26	<20.8	0.08	<20.8	202	n/a	<5	<150	n/a	1.08	6.83	253	0.59
	5/23/2022	0.94	<5.20	<0.312	n/a	<0.260	<20.8	0.125 (J)	<20.8	270 (J)	n/a	<5	<150	n/a	n/a	6.99	233	1.92
	8/25/2022	1.25	<5.20	<0.312	n/a	<0.260	<20.8	0.158	<20.8	189	n/a	<5	<150	n/a	n/a	6.72	247	9.86
	3/14/2023	0.63	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	190	n/a	2	<150	n/a	n/a	6.96	289	14.3
	8/15/2023	0.9	<5.20	<0.312	n/a	<0.260	<20.8	0.055 (J)	<20.8	171	n/a	<5	<150	n/a	n/a	6.67	251	12.9
	3/6/2024	0.61	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	199	n/a	2	<150	n/a	n/a	6.81	989	17
	8/23/2024	0.63	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	200	n/a	<5	<150	n/a	n/a	6.74	262	10.31

Elemental Environmental Solutions
Fourth Quarter 2024

			Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Co (ug/l)	Cr (ug/l)	Cu (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-28	d																	
		5/12/2021	<2	n/a	0.106 (J)	13.4	<0.26	n/a	<0.26	0.193 (J)	0.09 (J)	0.187 (J)	n/a	n/a	0.118 (J)	n/a	n/a	<0.2
		8/24/2021	<2	n/a	0.083	13.1	<0.26	n/a	<0.26	0.569	0.088	0.209	n/a	n/a	0.11	n/a	n/a	<0.2
		11/9/2021	<2	n/a	0.357	15.5	<0.26	n/a	<0.26	1.32	0.439	3.96	n/a	n/a	0.73	n/a	n/a	<0.2
		3/3/2022	<2	n/a	0.205	12.8	<0.26	n/a	<0.26	0.922	0.262	1.26	n/a	n/a	0.354	n/a	n/a	<0.2
		5/23/2022	<2.08	n/a	0.088 (J)	13	<0.260	n/a	<0.260	0.625	0.088(J)	0.241(J)	n/a	n/a	0.102(J)	n/a	n/a	<0.200
		8/25/2022	<2.08	n/a	0.092	13.5	<0.260	n/a	<0.260	0.426	0.086	0.216	n/a	n/a	0.141	n/a	n/a	<0.200
		11/28/2022	<2.08	n/a	0.123 (J)	13	<0.260	n/a	<0.260	0.538	0.117 (J)	0.297 (J)	n/a	n/a	0.172 (J)	n/a	n/a	<0.200
		3/14/2023	<2.08	n/a	0.072	11.6	<0.260	n/a	<0.260	0.303	0.085	0.231	n/a	n/a	0.133	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	<0.260	9.25	<0.260	n/a	<0.260	0.351	<0.260	0.68	n/a	n/a	<0.416	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	<0.260	10.7	<0.260	n/a	<0.260	0.411	<0.260	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	<0.260	10.6	<0.260	n/a	<0.260	0.311	<0.260	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-29	d																	
		5/12/2021	<2	n/a	<0.26	11.2	<0.26	n/a	<0.26	0.62	<0.26	0.189(J)	n/a	n/a	<0.26	n/a	n/a	<0.2
		8/24/2021	<2	n/a	<0.26	10.2	<0.26	n/a	<0.26	0.35	<0.26	<0.380	n/a	n/a	<0.26	n/a	n/a	<0.2
		11/9/2021	<2	n/a	0.078	10.5	<0.26	n/a	<0.26	0.977	<0.26	<0.395	n/a	n/a	0.081	n/a	n/a	<0.2
		3/3/2022	<2	n/a	<0.26	10.5	<0.26	n/a	<0.26	0.498	<0.26	0.445	n/a	n/a	<0.26	n/a	n/a	<0.2
		5/23/2022	<2.08	n/a	<2.60	10.9	<2.60	n/a	<0.260	0.354	<0.260	<0.395	n/a	n/a	<0.260	n/a	n/a	<0.200
		8/25/2022	<2.08	n/a	<2.60	11.2	<2.60	n/a	<0.260	0.202	<0.260	<0.395	n/a	n/a	<0.260	n/a	n/a	<0.200
		11/28/2022	<2.08	n/a	<2.60	10.9	<2.60	n/a	<0.260	0.376	<0.260	0.398	n/a	n/a	<0.260	n/a	n/a	<0.200
		3/14/2023	<2.08	n/a	0.052	10.6	<2.60	n/a	<0.260	0.579	<0.260	0.136	n/a	n/a	0.106	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	<2.60	9.43	<2.60	n/a	<0.260	0.393	<0.260	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	<2.60	9.66	<2.60	n/a	<0.260	0.322	<0.260	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	<2.60	9.66	<2.60	n/a	<0.260	0.334	<0.260	0.216	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-30	d																	
		8/25/2022	<2.08	n/a	0.478	29.8	<2.60	n/a	<0.260	0.587	0.415	0.402	n/a	n/a	<0.260	n/a	n/a	<0.200
		11/28/2022	<2.08	n/a	0.313	23.5	<2.60	n/a	<0.260	0.531	0.36	0.199	n/a	n/a	<0.260	n/a	n/a	<0.200
		3/14/2023	<2.08	n/a	0.325	20.3	<2.60	n/a	<0.260	0.322	0.253	0.165	n/a	n/a	<0.260	n/a	n/a	<0.200
		6/28/2023	0.507 (J)	n/a	0.356	20.9	0.144 (J)	n/a	<0.260	1.06	0.429	0.269 (J)	n/a	n/a	0.182 (J)	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	0.275	15.1	<0.260	n/a	<0.260	0.831	0.252 (J)	0.283 (J)	n/a	n/a	0.151 (J)	n/a	n/a	<0.200
		11/17/2023	<2.08	n/a	0.421	18.9	<0.260	n/a	<0.260	2.04	0.329	0.751	n/a	n/a	0.517	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	0.684	58.9	<0.260	n/a	0.065	0.56	0.83	0.471	n/a	n/a	0.185	n/a	n/a	<0.200
		6/28/2024	<2.08	n/a	0.315	51.9	<0.260	n/a	0.05	0.665	0.609	0.376	n/a	n/a	0.178	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	0.295	15.4	<0.260	n/a	<0.260	0.687	0.294	0.208	n/a	n/a	0.387	n/a	n/a	<0.200
MW-31	d																	
		8/25/2022	0.47	n/a	0.876	51.5	<2.60	n/a	0.157	1.72	0.691	1.29	n/a	n/a	1.26	n/a	n/a	<0.200
		11/28/2022	0.815 (J)	n/a	0.724	26	<2.60	n/a	0.069 (J)	1.14	0.35	0.661	n/a	n/a	0.509	n/a	n/a	<0.200
		3/14/2023	<2.08	n/a	1.5	56.5	<2.60	n/a	0.053	0.999	0.622	0.388	n/a	n/a	0.337	n/a	n/a	<0.200
		6/28/2023	1.19 (J)	n/a	1.14	50.4	0.078 (J)	n/a	0.086 (J)	1.49	0.597	0.53	n/a	n/a	0.261	n/a	n/a	<0.200
		8/15/2023	<2.08	n/a	1.3	38.7	<0.260	n/a	<0.260	0.875	0.344	0.214	n/a	n/a	<0.416	n/a	n/a	<0.200
		11/17/2023	<2.08	n/a	0.993	26.4	<0.260	n/a	0.057	1.95	0.376	0.504	n/a	n/a	0.331	n/a	n/a	<0.200
		3/6/2024	<2.08	n/a	0.255	13.6	<0.260	n/a	<0.260	0.703	0.161	0.397	n/a	n/a	0.198	n/a	n/a	<0.200
		6/28/2024	0.681	n/a	0.331	11.6	0.432	n/a	<0.260	0.726	0.226	1.28	n/a	n/a	0.271	n/a	n/a	<0.200
		8/23/2024	<2.08	n/a	0.503	36.9	<0.260	n/a	0.056	1.47	0.57	0.28	n/a	n/a	0.121	n/a	n/a	<0.200

Elemental Environmental Solutions

Fourth Quarter 2024

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-28	d																	
	5/12/2021	0.26 (J)	<52	<0.312	n/a	<0.26	<20.8	0.171 (J)	<20.8	156	n/a	<5	<150	n/a	n/a	6.66	230	1.15
	8/24/2021	0.19	<52	<0.312	n/a	<0.26	<20.8	0.352	<20	139	n/a	<5	<150	n/a	n/a	6.85	241	1.81
	11/9/2021	1.03	<52	0.102	n/a	<0.26	<20.8	2.02	5.94	289	n/a	<5	<150	n/a	n/a	6.58	245	2.94
	3/3/2022	0.6	<52	<0.312	n/a	<0.26	<20.8	0.449	<20.8	197	n/a	<5	<150	n/a	n/a	6.9	231	4.44
	5/23/2022	1.23	<5.2	<0.312	n/a	<0.26	<20.8	0.29	<20.8	270 (J)	n/a	2(J)	<150	n/a	n/a	6.81	204	3.22
	8/25/2022	0.3	<5.2	<0.312	n/a	<0.26	<20.8	0.273	<20.8	186	n/a	<5	<150	n/a	n/a	6.72	211	9.32
	11/28/2022	0.31 (J)	<5.2	<0.312	n/a	<0.26	<20.8	0.373	<20.8	178	n/a	<5	<150	n/a	n/a	6.77	208	6.11
	3/14/2023	0.21	<5.2	<0.312	n/a	<0.26	<20.8	0.149	<20.8	185	n/a	2	<150	n/a	n/a	6.94	249	12.1
	8/15/2023	<0.52	<5.20	<0.312	n/a	<0.26	<20.8	<0.260	<20.8	175	n/a	<5	<150	n/a	n/a	6.41	236	5.76
	3/6/2024	<0.52	<5.20	<0.312	n/a	<0.26	<20.8	<0.260	<20.8	195	n/a	<5	<150	n/a	n/a	6.8	414	3.48
	8/23/2024	<0.52	<5.20	<0.312	n/a	<0.26	<20.8	<0.260	<20.8	196	n/a	<5	<150	n/a	n/a	6.69	223	3.14
MW-29	d																	
	5/12/2021	0.42(J)	<5.2	<0.312	n/a	<0.26	<20.8	<0.26	<20.8	371	n/a	<5	<150	n/a	n/a	6.54	161.8	0.44
	8/24/2021	<0.50	<5.2	<0.312	n/a	<0.26	<20.8	<0.26	<20	351	n/a	<5	<150	n/a	n/a	6.59	172.4	0.56
	11/9/2021	0.31	<5.2	<0.312	n/a	<0.26	<20.8	0.064	<20.8	493	n/a	<5	<150	n/a	n/a	6.39	171.3	0.67
	3/3/2022	<0.52	<5.2	<0.312	n/a	<0.26	<20.8	0.042	<20.8	400	n/a	<5	<150	n/a	n/a	6.44	160.4	0.91
	5/23/2022	<0.52	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	5.46(J)	448(J)	n/a	<5	<150	n/a	n/a	6.54	155.7	0.61
	8/25/2022	<0.52	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	406	n/a	<5	<150	n/a	n/a	6.67	99.2	2.91
	11/28/2022	<0.52	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	397	n/a	<5	<150	n/a	n/a	6.63	130.6	1.77
	3/14/2023	0.42	<5.20	<0.312	n/a	<0.260	<20.8	0.043	<20.8	410	n/a	2	<150	n/a	n/a	6.72	113.8	2.39
	8/15/2023	0.42	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	376	n/a	2	<150	n/a	n/a	6.6	160.3	0.87
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	1.68	<0.260	<20.8	412	n/a	<5	<150	n/a	n/a	6.34	571	1.33
	8/23/2024	1.53	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	412	n/a	2	<150	n/a	n/a	6.55	158.8	1.72
MW-30	d																	
	8/25/2022	3.35	<5.20	<0.312	n/a	<0.260	<20.8	0.473	<20.8	296	n/a	<5	<150	n/a	n/a	6.99	345	28.5
	11/28/2022	1.18	<5.20	<0.312	n/a	<0.260	<20.8	0.544	<20.8	259	n/a	<5	<150	n/a	n/a	6.93	258	n/a
	3/14/2023	1.76	<5.20	<0.312	n/a	<0.260	<20.8	0.189	<20.8	239	n/a	<5	<150	n/a	n/a	7.1	303	10.85
	6/28/2023	2.33	<5.20	<0.312	n/a	<0.260	<20.8	1.11	<20.8	258 (J)	n/a	<5	<150	n/a	n/a	7.25	312	18.7
	8/15/2023	2.03	<5.20	<0.312	n/a	<0.260	<20.8	0.321	<20.8	258	n/a	<5	<150	n/a	n/a	6.8	204	25.8
	11/17/2023	<20.8	<5.20	<0.312	n/a	<0.260	<20.8	1.05	5.05	339	n/a	<5	<150	n/a	n/a	6.8	312	16.4
	3/6/2024	2.09	<5.20	<0.312	n/a	<0.260	1.94	0.452	6.65	426	n/a	<5	<150	n/a	n/a	5.73	674	14.1
	6/28/2024	1.8	<5.20	<0.312	n/a	<0.260	<20.8	0.281	<20.8	406	n/a	<5	<150	n/a	n/a	6.88	309	26.4
	8/23/2024	2.76	<5.20	<0.312	n/a	<0.260	<20.8	0.237	<20.8	276	n/a	<5	<150	n/a	n/a	6.78	244	18.7
MW-31	d																	
	8/25/2022	2.53	<5.20	<0.312	n/a	<0.260	<20.8	1.37	10.2	441	n/a	<5	<150	n/a	n/a	6.48	1165	37.3
	11/28/2022	1	<5.20	0.148 (J)	n/a	<0.260	<20.8	0.818	5.68 (J)	508	n/a	<5	<150	n/a	n/a	6.88	499	8.81
	3/14/2023	1.66	<5.20	<0.312	n/a	<0.260	<20.8	0.303	<20.8	431	n/a	<5	<150	n/a	n/a	6.67	1392	8.34
	6/28/2023	1.96	<5.20	0.231 (J)	n/a	<0.260	<20.8	0.577	6.94 (J)	425	n/a	<5	<150	n/a	n/a	6.58	1250	7.44
	8/15/2023	1.26	<5.20	<0.312	n/a	<0.260	<20.8	0.153 (J)	<20.8	447	n/a	<5	<150	n/a	n/a	6.11	1207	2.15
	11/17/2023	<2.08	<5.20	<0.312	n/a	<0.260	<20.8	0.753	<20.8	547	n/a	<5	<150	n/a	n/a	6.69	597	7.95
	3/6/2024	0.46	<5.20	<0.312	n/a	<0.260	1.86	0.567	<20.8	273	n/a	2	<150	n/a	n/a	5.71	3060	9.66
	6/28/2024	0.67	<5.20	<0.312	n/a	<0.260	<20.8	0.442	6.41	274	n/a	<5	<150	n/a	n/a	6.57	1410	2.6
	8/23/2024	2.57	<5.20	<0.312	n/a	<0.260	<20.8	0.178	8.93	416	n/a	<5	<150	n/a	n/a	6.41	1011	9.16