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Sent: Monday, December 15, 2025 5:39 PM
To: EE GW Reports
Cc: Jaros, David G.; Cole Clark (Cole.Clark@veolia.com)
Subject: Veolia 3rd Quarter 2025 GWMR (AFIN: 10-00004)
Attachments: Veolia 3rd Qtr25 GWMR.pdf

To whom it may concern,

Please find attached the 3rd Quarter of 2025 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).

Thanks,

Matt Acree, P.G.
Staff Geologist



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December 15, 2025

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

**Re: Third Quarter 2025 Background Groundwater Monitoring Report
Elemental Environmental Solutions - Gum Springs Plant Landfill
Project #: 35237054**

Dear Mr. Clark:

Terracon Consultants, Inc. is pleased to submit the Third Quarter 2025 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 black ink, appearing to read 'David Jaros'.

David Jaros, P.G.
Project Manager

A handwritten signature in black ink, appearing to read 'Quin Baber'.

for
Quin Baber, P.G.
Environmental Department Manager

Third Quarter 2025

Groundwater Monitoring Report

ELEMENTAL ENVIRONMENTAL SOLUTIONS
GUM SPRINGS PLANT LANDFILL

SOLID WASTE PERMIT 262-S
AFIN 10-00004

TERRACON PROJECT 35237054
December 15, 2025

Prepared for:

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

Prepared by:

Terracon Consultants, Inc.
Little Rock, Arkansas

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**Third Quarter 2025 Groundwater Monitoring Report
Elemental Environmental Solutions-Gum Springs Plant Landfill
Gum Springs, Arkansas**

Prepared for

**Elemental Environmental Solutions - Gum Springs Plant Landfill
Gum Springs, Arkansas**

For Submittal to

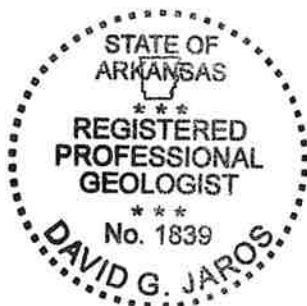
**Division of Environmental Quality
Office of Land Resources**

Certification

I certify that I am a qualified groundwater scientist who has received a baccalaureate or postgraduate degree in the natural sciences. I have sufficient training and experience in groundwater hydrology and related fields, as demonstrated by state registration and completion of accredited university courses, which enable me to make sound professional judgments regarding groundwater monitoring and contaminant fate and transport.

The statistics herein are based upon the statistical program *SANITAS for Groundwater* that is guided by the relevant EPA Guidance, ASTM Standards, and in accordance with Arkansas Department of Environmental Quality Solid Waste Regulation 23. I further certify that this report was prepared by me or by a subordinate working under my direction.


David Jaros, P. G.
Project Manager



12/15/25
Date

**THIRD QUARTER 2025 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 Third Quarter 2025 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 up-gradient wells screened within the Nacatoch Aquifer. Monitoring wells MW-28, MW-29, and MW-30 are down-gradient wells also screened within the Nacatoch Aquifer. Monitoring wells MW-4, MW-6, MW-18, MW-24, MW-25, MW-26, MW-27, and MW-31 are down-gradient wells screened within the Alluvial Sand Aquifer. There are no up-gradient wells screened in the Alluvial Sand Aquifer as the Alluvial Sand Aquifer is not present in the western (up-gradient) portion of the landfill footprint. The remaining wells were installed at the point of compliance dictated by the landfill construction footprint and the RCRA permit (Module X Permit 30H).

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EES - Gum Springs Plant ■ Arkadelphia, Arkansas

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Monitoring wells MW-28 and MW-29 were installed in 2020 as down-gradient wells screened in the Nacatoch Aquifer. Monitoring wells MW-30 and MW-31 were installed in 2021, with MW-30 screened within the Nacatoch Sand Aquifer and MW-31 screened within the Alluvial Sand Aquifer.

Monitoring well MW-1A was installed in 1993 and is the one upgradient well and is screened in the Arkadelphia Marl. The remainder of the shallow wells (MW-4S, MW-6S, MW-8S, and MW-18S) are down-gradient monitoring wells screened within the Alluvial Clay and 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.

As noted in the DEQ correspondence dated May20, 2025, the site included the water level elevations and sample results of Table 1 constituents beginning with the Third Quarter 2025 sampling event for the additional Alluvial Clay piezometers (MW-24-PZ-2 through MW-31-PZ-2). This is the first event for these wells.

2.0 GROUNDWATER SAMPLING

The Third Quarter 2025 groundwater monitoring event for the EES Landfill was conducted on August 19th, 20th, 21st, and 22nd, 2025. 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 successive 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-1A, 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 Third Quarter 2025 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-2	8/22/2025	271.10	85.70	185.40	22.2	5.65	450	21.2
MW-4	8/21/2025	189.88	11.92	177.96	21.3	6.78	619	0.41
MW-6	8/21/2025	187.57	12.91	174.66	21.3	6.70	638	8.51
MW-8	8/21/2025	189.64	15.49	174.15	22.4	6.47	1256	1.11
MW-12	8/22/2025	270.04	83.90	186.14	22.2	6.33	3240	1.93
MW-16	8/22/2025	270.14	82.98	187.16	22.9	6.43	361	1.11
MW-18	8/21/2025	191.87	11.83	180.04	20.7	7.17	572	0.09
MW-24	8/20/2025	179.86	5.95	173.91	21.4	6.83	311	6.49
MW-25	8/19/2025	179.43	6.08	173.35	24.9	6.32	1108	6.00
MW-26	8/19/2025	178.89	6.26	172.63	22.9	6.45	264	6.26
MW-27	8/19/2025	178.66	6.34	172.32	20.6	6.57	1254	8.25
MW-28	8/19/2025	177.76	5.02	172.74	25.4	6.45	255	9.00
MW-29	8/21/2025	188.97	8.95	180.02	23.4	5.93	185	0.11
MW-30	8/21/2025	188.81	9.39	179.42	27.8	5.93	266	6.16
MW-31	8/21/2025	189.43	15.46	173.97	24.0	6.28	1269	0.10

Third Quarter 2025 Groundwater Monitoring Report

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MW-1A	8/21/2025	270.27	31.65	238.62	24.9	7.22	1895	0.17
MW-4S	8/22/2025	189.43	14.07	175.36	23.6	5.25	3730	7.28
MW-6S	8/22/2025	188.95	12.61	176.34	22.2	6.01	2030	86.3
MW-8S	8/22/2025	188.97	10.15	178.82	22.8	7.45	2300	0.28
MW-24-PZ2	8/21/2025	180.87	5.98	174.89	19.8	6.93	243	14.0
MW-25-PZ2	8/20/2025	180.55	5.64	174.91	28.0	6.47	585	18.3
MW-26-PZ2	8/20/2025	179.43	5.18	174.25	23.3	7.00	1150	>100
MW-27-PZ2	8/19/2025	179.78	7.30	172.48	24.2	6.78	1050	18.0
MW-31-PZ2	8/21/2025	187.96	10.32	177.64	21.6	6.64	2.32	1.98

2.6 Field QA/QC Procedures

It should be noted that methylene chloride was detected in the field blank, equipment blank, and trip blank as J values during the Third Quarter 2025 event.

A duplicate sample of MW-12 was collected and labeled DUP. 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 MW-12 sample. The duplicate samples were 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 THIRD QUARTER 2025 SAMPLING EVENT

The sampling results included in this report are for the Third Quarter 2025 detection monitoring event conducted on August 19th - 22nd, 2025. Due to sample bottle breakage, MW-6 was resampled on April 1st. Results of this sampling event are summarized in the following sections, tables, and appendices.

3.1 Groundwater Elevation & Flow Direction

TABLE 2 summarizes the results of the water level and field measurements for the Third Quarter 2025 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 (See FIGURE 2).

The highest groundwater elevation measured within the Nacatoch sand/ Alluvial aquifer was at MW-16, which is located southwest and hydraulically upgradient of the Landfill.

The lowest groundwater elevation measured in the alluvial aquifer during this event occurred in well MW-27 located southeast of the Landfill.

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). (See FIGURE 3).

The highest groundwater elevation measured in a well screened within the shallow clay unit of Landfill operations was MW-1A, which is located northwest and hydraulically upgradient of the Landfill. The lowest groundwater elevation measured in the shallow clay unit during this event occurred in well MW-4S located northeast of the Landfill.

FIGURES 2 and 3 are potentiometric surface maps prepared by Terracon from water levels measured during the Third Quarter 2025 sampling event. The potentiometric surface contours depict an easterly groundwater flow direction. This flow relationship is consistent with the flow direction determined by water levels measured during previous sampling events.

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 Third Quarter 2025 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.
- It should be noted that arsenic at MW-6 and fluoride at MW-8 were above the Module X limits during the Third Quarter 2025 event but were below the MCL levels for these parameters.

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 re-charge and limited water was available for sampling Appendix IX constituents. Constituents that were not collected during the Third Quarter 2025 event will be attempted in the Second Quarter 2025 event and subsequent events until all Appendix IX constituents are collected 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	NA	NA	NA	6.90	NA	NA	NA	NA	NA
MW-6S	NA	NA	NA	6.01	NA	NA	NA	NA	NA
MW-8S	NA	NA	NA	6.69	NA	NA	NA	NA	NA
MW-1A	0.517	<0.005	0.000613	7.22	0.060	<0.000260	0.000574	0.000941	0.000172 J
MW-2	0.235 J	<0.005	0.000218 J	5.65	0.0234	0.000907	0.00344	0.000656	0.000335 J
MW-4	0.278 J	<0.005	0.00156	6.78	0.0271	0.000450	<0.000520	<0.000260	0.000118 J
MW-6	0.514	<0.005	0.00751	6.70	0.079	0.00188	<0.000520	0.0000759 J	0.000182 J
MW-8	0.830	<0.005	0.00174	6.47	0.0525	0.00105	0.000211 J	<0.000260	<0.000416
MW-12	0.250 J	<0.005	<0.000260	6.33	0.0115	0.000219 J	0.00233	0.000146 J	<0.000416
Dup	0.250 J	<0.005	0.000073 J	NA	0.0107	0.000209 J	0.00303	0.0000759 J	<0.000416

MW-16	0.245 J	<0.005	0.000115 J	6.43	0.0124	0.000070 J	0.00442	0.000128 J	<0.000416
MW-18	0.246 J	<0.005	0.000203 J	7.17	0.00936	<0.000260	<0.000520	<0.000260	<0.000416
MW-24	0.239 J	<0.005	0.00277	6.83	0.104	0.000520	0.000167 J	0.000102 J	0.000153
MW-25	0.304 J	<0.005	0.000653	6.32	0.0236	0.000156 J	0.000162 J	<0.000260	0.000326 J
MW-26	0.213 J	<0.005	0.000932	6.45	0.0139	0.000213 J	0.000167 J	<0.000260	<0.000416
MW-27	0.179 J	<0.005	0.0010	6.57	0.0288	0.000164 J	0.000162 J	<0.000260	<0.000416
MW-28	0.172 J	<0.005	<0.000260	6.45	0.0213	<0.000260	<0.000520	<0.000260	<0.000416
MW-29	0.418 J	<0.005	<0.000260	5.93	0.010	<0.000260	<0.000520	<0.000260	<0.000416
MW-30	0.250 J	<0.005	0.000215 J	5.93	0.0142	0.000151 J	0.000210 J	0.000302	0.000235 J
MW-31	0.433 J	<0.005	0.00212 J	6.28	0.0521	0.000551	0.000264 J	0.000139 J	0.00210 J
MW-24-PZ2	0.303 J	<0.005	0.000382	6.93	0.0529	0.000095 J	0.000355 J	0.000174 J	0.000186 J
MW-25-PZ2	1.08	<0.005	0.000947	6.47	0.0755	0.000413	0.00132	0.00112	0.00158
MW-26-PZ2	NA	<0.005	0.00280	7.00	0.244	0.00492	0.00712	0.00147	0.00894
MW-27-PZ2	0.763	<0.005	0.00242	6.78	0.0482	0.000506	0.00218	0.00162	0.00209
MW-31-PZ2	0.359 J	<0.005	0.000868	6.64	0.0199	0.00106	0.00104	0.000397	0.00272
Limit	4*	0.2*	0.01*	6.5-8.5**	2*	0.0006***	1.3*	0.1*	0.01*

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

**Secondary Drinking Water Standard (SDWS)

*** Tap Water Standards

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

The pH values noted on this table are field measurements

Dup is a duplicate sample of MW-12

FB is a field blank

The pH value for well MW-2, MW-8, MW-12, MW-16, MW-25, MW-26, MW-28, MW-29, MW-30, MW-31, and PZ-25-2 were below the Secondary Drinking Water Standard range for pH.

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 Blank Results

A duplicate sample of MW-12 was collected and labeled DUP. 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 MW-12 sample. The duplicate samples were collected to verify the consistency and precision of the sampling and testing procedures.

3.2.4 Shallow Clay Horizon Groundwater Quality

During this sampling event the shallow clay horizon wells were analyzed for the indicator parameters of arsenic, cyanide, fluoride, and pH. During this event the shallow clay horizon wells were sampled for the Appendix IX parameters to satisfy Condition L of Module X.

A comparison of the historical data range and current leachate data to shallow well analytical results is presented in TABLE 4 as required by Condition L of Module X. As indicated in TABLE 4, leachate does not appear to influence shallow groundwater based on the concentrations of arsenic, cyanide, fluoride, and pH.

TABLE 4

LEACHATE COMPARISON

SAMPLE	DATE	Arsenic (mg/l)	Cyanide (mg/l)	Fluoride (mg/l)	pH (S.U.)
MW-1A					
	8/21/2025	0.000613	<0.005	0.517	7.22
MW-4S					
	8/22/2025	0.000295	<0.005	0.628	6.90
MW-6S					
	8/22/2025	0.000633	<0.005	0.481 J	6.60
MW-8S					
	8/22/2025	0.000182 J	<0.005	0.618	6.69
Cell 1 Leachate					
	8/22/2025	5.42	9.85	886	12.3
	Historical Range	0.243 – 18.7	1.15 – 87.0	324 – 2800	8.49 – 13.4
Cell 2 Leachate					
	8/22/2025	0.019	29.4	5050	12.3
	Historical Range	0.019 – 14.3	2.25 – 8812.8	884 – 6270	8.12 – 12.7
Cell 3,4,5,6,8 Leachate					
	8/22/2025	14.7	71.2	3980	12.2
	Historical Range	0.062 – 14.7	0.139 – 81.8	85.4 – 8210	9.37 – 12.8

4.0 CONCLUSIONS

Based on the results of the Third Quarter 2025 groundwater sampling and laboratory analysis, Terracon reached the following conclusions:

Groundwater Flow

- Based on the water levels measured in each of the wells, potentiometric maps for both flow zones were created for the Third Quarter 2025 sampling event. The potentiometric surface contours depict an easterly groundwater flow direction. This flow relationship is consistent with the flow direction determined by water levels measured during previous sampling events.

Analytical Results

- EPA Primary Drinking Water Standard-Maximum Contaminant Levels (MCLs) were not exceeded in any of the monitoring well samples collected during the Third Quarter 2025 sampling event.
- The pH value for well MW-2, MW-8, MW-12, MW-16, MW-25, MW-26, MW-28, MW-29, MW-30, MW-31, and PZ-25-2 were below the Secondary Drinking Water Standard range for pH.
- It should be noted that arsenic at MW-6 and fluoride at MW-8 were above the Module X limits during the Third Quarter 2025 event but were below the MCL levels for these parameters.
- 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 this is the fifteenth quarterly event for the Appendix IX parameters to help determine background values in accordance with Regulation No. 23 §264.
- 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 Third

Third Quarter 2025 Groundwater Monitoring Report

EES - Gum Springs Plant ■ Arkadelphia, Arkansas

December 2025 ■ Terracon Project No. 35237054

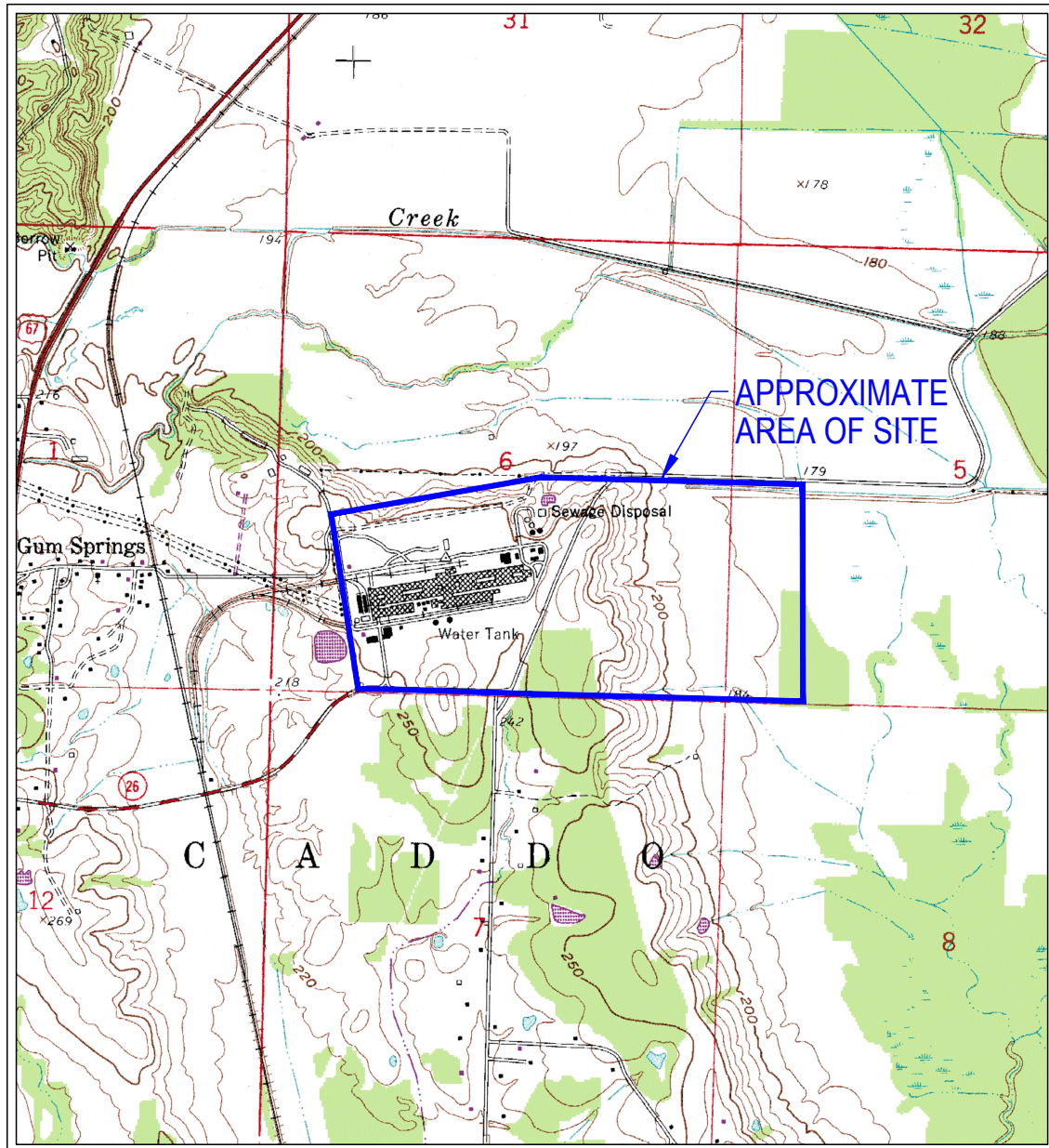


Quarter 2025 event will be attempted in the Second Quarter 2025 event and subsequent events until all Table 1 constituents are collected for eight background events per ADEQ instructions.

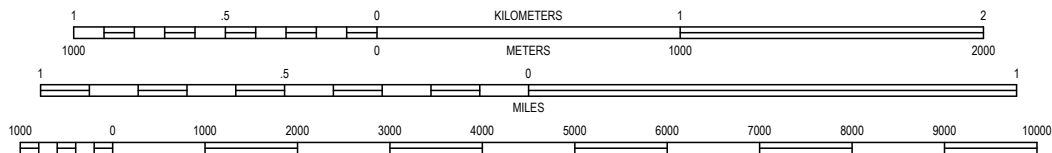
Statistical Evaluation

- *The next quarterly groundwater sampling event is tentatively scheduled for November 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)

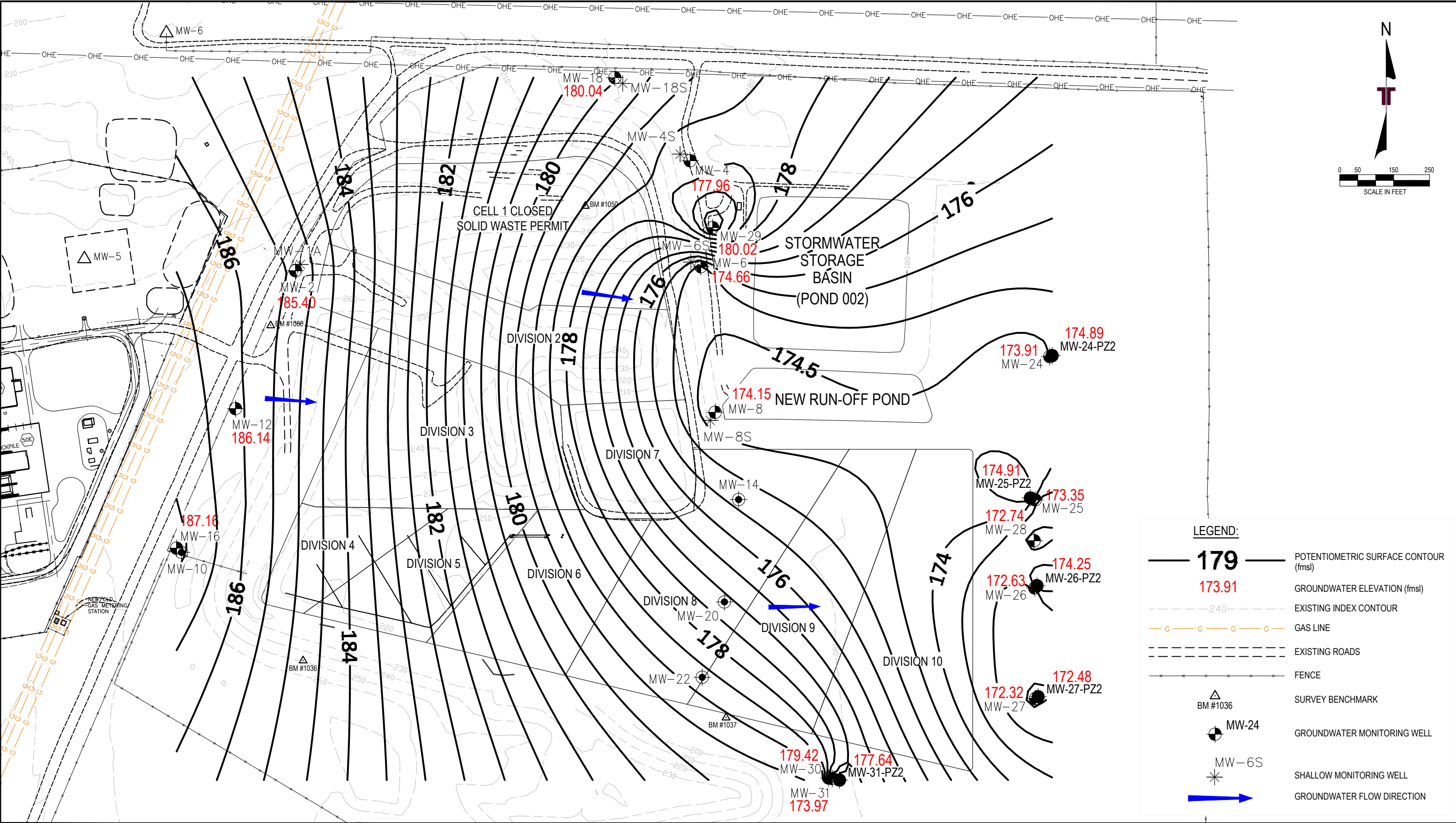


Project Mngr:	PTG
Drawn By:	PTG
Checked By:	PTG
Approved By:	DGJ
Project No.	052-002-35987017B
Scale:	AS SHOWN
File No.	032
Date:	4/13/2020

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



REV.	DATE	BY	DESCRIPTION



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Consulting Engineers and Scientists

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BRYANT, AR 72022
FAX. (501) 847-9210

POTENTIOMETRIC SURFACE MAP

NACATOCH SAND / ALLUVIAL AQUIFER - 3rd QUARTER 2025

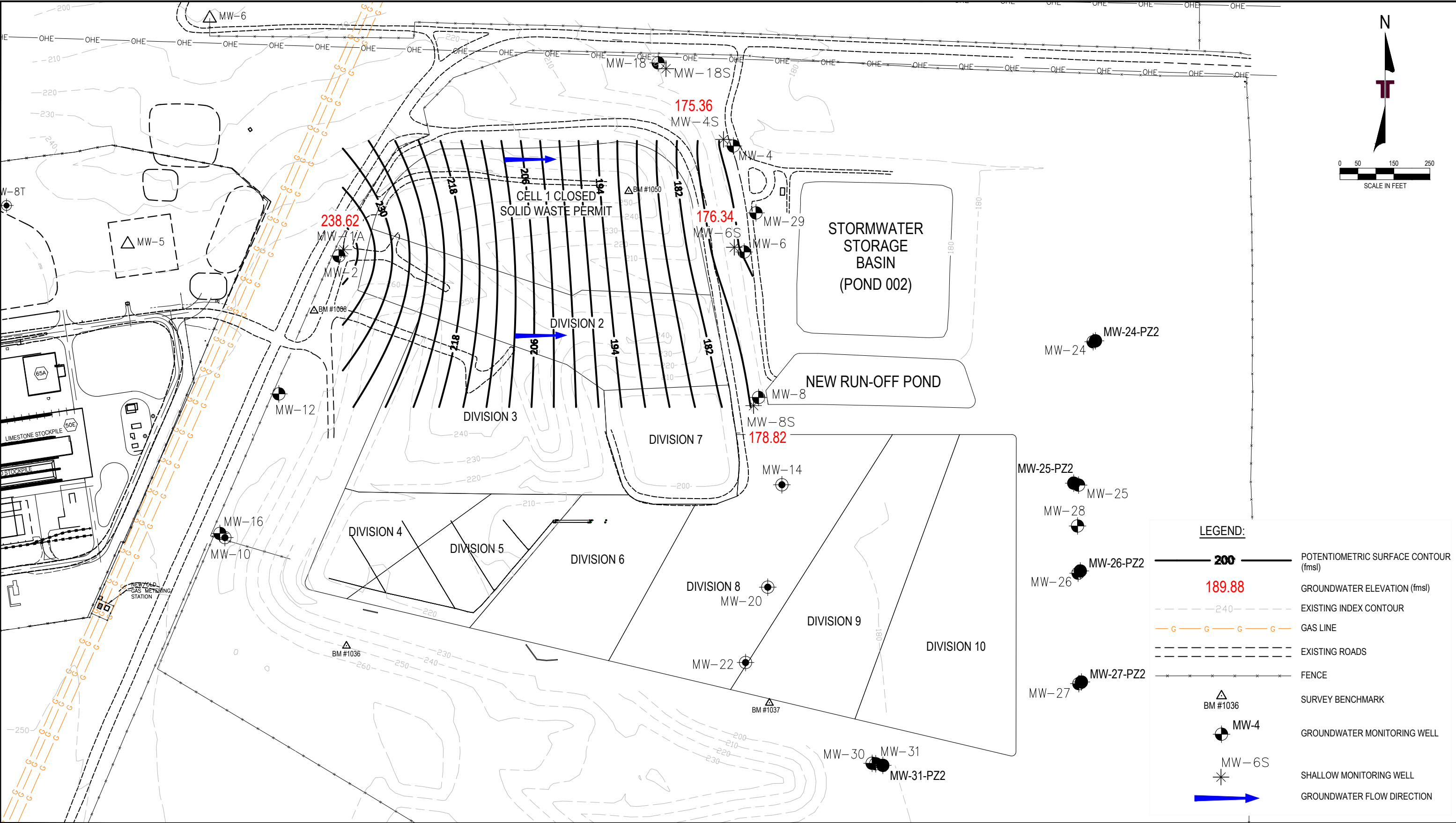
ELEMENTAL ENVIRONMENTAL SOLUTIONS

GUM SPRINGS PLANT

GUM SPRINGS

ARKANSAS

FIGURE 2	
DESIGNED BY:	PTG
DRAWN BY:	PTG
APPVD. BY:	DGJ
SCALE:	AS SHOWN
DATE:	9/30/2025
JOB NO.	052-002-35237054
ACAD NO.	098
SHEET NO.:	OF



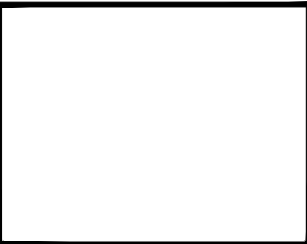
REV.	DATE	BY	DESCRIPTION



Terracon
Consulting Engineers and Scientists

25809 I-30 SOUTH
PH. (501) 847-9292

BRYANT, AR 72022
FAX. (501) 847-9210



POTENTIOMETRIC SURFACE MAP
SHALLOW CLAY HORIZON - 3rd QUARTER 2025
ELEMENTAL ENVIRONMENTAL SOLUTIONS
GUM SPRINGS PLANT

GUM SPRINGS
ARKANSAS

FIGURE 3	
DESIGNED BY:	PTG
DRAWN BY:	PTG
APPVD. BY:	DGJ
SCALE:	AS SHOWN
DATE:	9/25/2025
JOB NO.	052-002-35987017B
ACAD NO.	099
SHEET NO.:	OF

Appendix A

Groundwater Sampling Records

Daily Project Groundwater Sampling Summary

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

Project No: 35237054 Date of Report: 8/19/2025
Client Name: Veolia Water North America
Project Name: Veolia - RMC 2025 Groundwater Services
Location: Gum Springs, AR
Representative: Cole Clark
Technician(s): Fernando Ocampo
Sampling Area: Landfill
Sampling Event: 3rd Quarter 2025

☒ Clear ☐ Raining
☐ Cloudy ☐ Windy
☐ Partly Cloudy ☐ Foggy / Misty
72 Low Temp. (°F) 97 High Temp. (°F)

Notes:

REPORTING TIMES:

Depart Lab: 8:00 AM Depart Site: 4:20 PM
Arrive Site: 9:20 AM Arrive Lab: 5:10 PM

FIELD TESTING PERFORMED:

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

EQUIPMENT USED:

☒ Grundfos Pump ☐ Battery
☐ Peristaltic Pump ☐ Air Compressor
☒ Water Level Probe ☒ Generator
☒ Control Box ☐
☐ Bailer ☐

EQUIPMENT CALIBRATION:

WW pH

Decontamination Equipment:

Alconox & Distilled Water

SUMMARY OF ACTIVITIES OBSERVED:

Actions performed:

Terracon technician retrieved samples from monitoring wells to prepare for analytics shipment.

Notes:

Wells Sampled	Sampling Method	Well Condition / Comments:
MW-25	Peristaltic	Good
MW-26	Peristaltic	Good
MW-27	Peristaltic	Good
MW-28	Peristaltic	Good
MW-27-PZ2	Peristaltic	Good

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

(501) 847-9292

Sampling Event: 3rd Quarter 2025

☒ Clear	☐ Raining
☐ Cloudy	☐ Windy
☐ Partly Cloudy	☐ Foggy / Misty
<u>77</u> Low Temp. (°F)	<u>97</u> High Temp. (°F)
Notes:	

Arrive Site: 9:00 AM Arrive Lab: 5:30 PM

☐ Well Purge ☐ Well Installation

☒	Grundfos Pump	☐	Battery
☐	Peristaltic Pump	☐	Air Compressor
☒	Water Level Probe	☒	Generator
☒	Control Box	☐	
☒	Bailer	☐	

WW	pH		

Alconox & Distilled Water

Terracon technician retrieved samples from monitoring wells to prepare for analytics shipment.

Notes:

[illegible]

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.

Daily Project Groundwater Sampling Summary

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

Project No: 35237054 **Date of Report:** 8/21/2025
Client Name: Veolia Water North America
Project Name: Veolia - RMC 2025 Groundwater Services
Location: Gum Springs, AR
Representative: Cole Clark
Technician(s): Fernando Ocampo
Sampling Area: Landfill
Sampling Event: 3rd Quarter 2025

☒ Clear	☐ Raining
☐ Cloudy	☐ Windy
☐ Partly Cloudy	☐ Foggy / Misty
73 Low Temp. (°F)	89 High Temp. (°F)
Notes:	

REPORTING TIMES:

Depart Lab: 8:00 AM Depart Site: 11:00 AM
Arrive Site: 9:00 AM Arrive Lab: 12:00 PM

EQUIPMENT USED:

Grundfos Pump	x Battery
x Peristaltic Pump	Air Compressor
Water Level Probe	
Control Box	
Bailer	

FIELD TESTING PERFORMED:

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

EQUIPMENT CALIBRATION:

WW	pH		

Decontamination Equipment:

Alconox & Distilled Water

SUMMARY OF ACTIVITIES OBSERVED:

Actions performed:

Terracon technician retrieved samples from monitoring wells to prepare for analytics shipment.

Notes:

Wells Sampled	Sampling Method	Well Condition / Comments:
MW-1A	Disposable Bailer	Good
MW-4	Peristaltic	Good
MW-6	Peristaltic	Good
MW-8	Peristaltic	Good
MW-18	Peristaltic	Good
MW-29	Peristaltic	Good
MW-30	Disposable Bailer	Good
MW-31	Disposable Bailer	Good
MW-31-PZ2	Disposable Bailer	Good

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.

Daily Project Groundwater Sampling Summary



25809 Interstate 30 South

Bryant, AR 72022

(501) 847-9292

Project No: 35237054 Date of Report: 8/22/2025
 Client Name: Veolia Water North America
 Project Name: Veolia - RMC 2025 Groundwater Services
 Location: Gum Springs, AR
 Representative: Cole Clark
 Technician(s): Fernando Ocampo
 Sampling Area: Landfill
 Sampling Event: 3rd Quarter 2025

☒ Clear	☐ Raining
☐ Cloudy	☐ Windy
☐ Partly Cloudy	☐ Foggy / Misty
71 Low Temp. (°F)	90 High Temp. (°F)
Notes:	

REPORTING TIMES:

Depart Lab: 8:00 AM Depart Site: 4:30 PM
 Arrive Site: 9:00 AM Arrive Lab: 5:30 PM

FIELD TESTING PERFORMED:

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

EQUIPMENT USED:

☒ Grundfos Pump	☐ Battery
☐ Peristaltic Pump	☐ Air Compressor
☒ Water Level Probe	☒ Generator
☒ Control Box	☐
☒ Bailer	☐

EQUIPMENT CALIBRATION:

WW pH

Decontamination Equipment:

Alconox & Distilled Water

SUMMARY OF ACTIVITIES OBSERVED:

Actions performed:

Terracon technician retrieved samples from monitoring wells to prepare for analytics shipment.

Notes:

Wells Sampled	Sampling Method	Well Condition / Comments:
MW-2/FB	Whale Pump	Good
MW-12/DUP	Whale Pump	Good
MW-16	Whale Pump	Good
Leachate Cell 1	Grab	Good
Leachate Cell 2	Grab	Good
Leachate Cell 3-8	Grab	Good
MW-4S	Peristaltic	Good
MW-6S	Peristaltic	Good
MW-8S	Peristaltic	Good

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:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	MW-1A	WEATHER:	Clear 89°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>31.65</u>	TOTAL DEPTH OF WELL (feet): <u>52.48</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>3.40</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/20/2025</u>	PURGING METHOD: <u>Disposable Bailer</u>
TIME START PURGING: <u>1320</u>	TIME END PURGING: <u>1336</u>
VOLUME PURGED (gallons): <u>7.0</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Disposable Bailer</u>
TIME START SAMPLING: <u>1405</u>	TIME END SAMPLING: <u>1415</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/22/2025
SAMPLING LOCATION:	MW-2	WEATHER:	Clear 83°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>85.70</u>	TOTAL DEPTH OF WELL (feet): <u>111.74</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.25</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/22/2025</u>	PURGING METHOD: <u>Whale Pump</u>
TIME START PURGING: <u>1237</u>	TIME END PURGING: <u>1318</u>
VOLUME PURGED (gallons): <u>20.0</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/22/2025</u>	SAMPLE METHOD: <u>Whale Pump</u>
TIME START SAMPLING: <u>1318</u>	TIME END SAMPLING: <u>1330</u>

[illegible]

Comments:	FB @ 1236

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-4	WEATHER:	Clear 74°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No
CASING CONDITION: ☒ Ok ☐ Needs Attention
GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>11.92</u>	TOTAL DEPTH OF WELL (feet): <u>37.83</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.23</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/21/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0922</u>	TIME END PURGING: <u>0937</u>
VOLUME PURGED (gallons): <u>1.50</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0937</u>	TIME END SAMPLING: <u>0950</u>

[illegible]

Terracon Consultants, Inc.

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS



OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/21/2025
 SAMPLING LOCATION: MW-4S WEATHER: Clear 72°F
 DATUM FOR WATER DEPTH MEASUREMENT: T.O.C. WELL DIAMETER (in): 2

WELL PHYSICAL CONDITION

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: Manway Hinge Broken

WATER CALCULATIONS

WATER DEPTH (feet): 14.07 TOTAL DEPTH OF WELL (feet): 17.18
 VOLUME OF WATER $V = r^2 h (0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): 0.51

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
 PURGING DATE: 8/21/2025 PURGING METHOD: Peristaltic
 TIME START PURGING: 0813 TIME END PURGING: 0825 0
 VOLUME PURGED (gallons): 1.25 WELL PURGED DRY? ☒ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE: Clear SAMPLE ODOR: None
 SAMPLE DATE: 8/22/2025 SAMPLE METHOD: Peristaltic
 TIME START SAMPLING: 0910 TIME END SAMPLING: 0916

FIELD MEASUREMENTS

TIME	WATER LEVEL	TEMP [°C]	pH [SU]	CONDUCTIVITY [μS/cm]	TURBIDITY [NTU]
0818	0.5	22.1	7.02	3310	0.15
0823	1.0	22.1	7.05	3360	0.11
0825	Dry @ 1.25 gals.				
	8/22/2025				
0910	NA	16.5	5.25	3730	7.28

FIELD SAMPLE PRESERVATION: Ice CONTAINER HANDLING: Terracon Consultants, Inc.

Comments: Volatiles, HNO3, Herbicides, Cyanide, Sulfide, Fluoride only

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-6	WEATHER:	Clear 75°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>12.91</u>	TOTAL DEPTH OF WELL (feet): <u>32.23</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>3.15</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/21/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>1006</u>	TIME END PURGING: <u>1021</u>
VOLUME PURGED (gallons): <u>1.5</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1021</u>	TIME END SAMPLING: <u>1034</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-6S	WEATHER:	Clear 71°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>12.61</u>	TOTAL DEPTH OF WELL (feet): <u>14.70</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>0.34</u>	

INITIAL APPEARANCE: <u>Turbid</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/21/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0800</u>	TIME END PURGING: <u>0806</u>
VOLUME PURGED (gallons): <u>0.50</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Turbid</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/22/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0840</u>	TIME END SAMPLING: <u>0850</u>

[illegible]

Terracon Consultants, Inc.

Comments:	Volatiles,HNO3,Herbicides,Sulfide, Cyanide, Fluoride only

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-8	WEATHER:	Clear 75°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: Well was inaccessible

WATER DEPTH (feet): <u>15.49</u>	TOTAL DEPTH OF WELL (feet): <u>33.11</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>2.87</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/21/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>1056</u>	TIME END PURGING: <u>1111</u>
VOLUME PURGED (gallons): <u>1.50</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1111</u>	TIME END SAMPLING: <u>1125</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-8S	WEATHER:	Clear 71°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: Hinge broken/Well needs to be raised

WATER DEPTH (feet): <u>10.15</u>	TOTAL DEPTH OF WELL (feet): <u>15.40</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>0.86</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/21/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0737</u>	TIME END PURGING: <u>0752</u>
VOLUME PURGED (gallons): <u>1.50</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/22/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0810</u>	TIME END SAMPLING: <u>0825</u>

[illegible]

Terracon Consultants, Inc.

Comments:	Volatiles,HNO3,Herbicides,Sulfide, Cyanide, Fluoride only

Terracon

PROJECT NUMBER:	35237054	DATE:	8/22/2025
SAMPLING LOCATION:	MW-12	WEATHER:	Clear 82°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet):	83.90	TOTAL DEPTH OF WELL (feet):	109.50
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons):		4.18	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/22/2025</u>	PURGING METHOD: <u>Whale Pump</u>
TIME START PURGING: <u>1152</u>	TIME END PURGING: <u>1207</u>
VOLUME PURGED (gallons): <u>15.0</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/22/2025</u>	SAMPLE METHOD: <u>Whale Pump</u>
TIME START SAMPLING: <u>1207</u>	TIME END SAMPLING: <u>1214</u>

[illegible]

Dup @ 1216

Terracon

PROJECT NUMBER:	35237054	DATE:	8/22/2025
SAMPLING LOCATION:	MW-16	WEATHER:	Clear 79°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>82.98</u>	TOTAL DEPTH OF WELL (feet): <u>112.34</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.79</u>	

INITIAL APPEARANCE: <u>Turbid</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/22/2025</u>	PURGING METHOD: <u>Whale Pump</u>
TIME START PURGING: <u>1110</u>	TIME END PURGING: <u>1125</u>
VOLUME PURGED (gallons): <u>15.0</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/22/2025</u>	SAMPLE METHOD: <u>Whale Pump</u>
TIME START SAMPLING: <u>1125</u>	TIME END SAMPLING: <u>1132</u>

[illegible]

Terracon Consultants, Inc.

MS/MSD @ 1130 - Equipment Blank @ 1313

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-18	WEATHER:	Clear 73°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>11.83</u>	TOTAL DEPTH OF WELL (feet): <u>39.88</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.58</u>	

INITIAL APPEARANCE: Turbid	INITIAL ODOR: None
PURGING DATE: 8/21/2025	PURGING METHOD: Peristaltic
TIME START PURGING: 0836	TIME END PURGING: 0851
VOLUME PURGED (gallons): 1.5	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0851</u>	TIME END SAMPLING: <u>0902</u>

[illegible]

Terracon Consultants, Inc.

Comments: Calibration PH-6.99 - 3.99

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-18S	WEATHER:	Clear 73°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): _____	TOTAL DEPTH OF WELL (feet): <u>16.85</u>
VOLUME OF WATER $V = r^2 h (0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): <u>2.75</u>	

INITIAL APPEARANCE: _____ PURGING DATE: _____ TIME START PURGING: _____ VOLUME PURGED (gallons): _____	INITIAL ODOR: _____ PURGING METHOD: Peristaltic TIME END PURGING: _____ WELL PURGED DRY? ☐ Yes ☐ No

SAMPLE APPEARANCE	SAMPLE ODOR:	
SAMPLE DATE:	SAMPLE METHOD: Peristaltic	
TIME START SAMPLING:	TIME END SAMPLING:	

[illegible]

Terracon Consultants, Inc.

Comments:	Unavailable during event

Terracon

PROJECT NUMBER:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	MW-24	WEATHER:	Cloudy 77°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>5.95</u>	TOTAL DEPTH OF WELL (feet): <u>34.74</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.70</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/20/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0950</u>	TIME END PURGING: <u>1020</u>
VOLUME PURGED (gallons): <u>3.00</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/20/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1020</u>	TIME END SAMPLING: <u>1037</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/19/2025
SAMPLING LOCATION:	MW-25	WEATHER:	Clear 97°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>6.08</u>	TOTAL DEPTH OF WELL (feet): <u>31.45</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.14</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/19/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>1237</u>	TIME END PURGING: <u>1307</u>
VOLUME PURGED (gallons): <u>3.0</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/19/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1307</u>	TIME END SAMPLING: <u>1320</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/19/2025
SAMPLING LOCATION:	MW-26	WEATHER:	Clear 86°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>6.26</u>	TOTAL DEPTH OF WELL (feet): <u>26.49</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>3.30</u>	

INITIAL APPEARANCE: Turbid	INITIAL ODOR: None
PURGING DATE: 8/19/2025	PURGING METHOD: Peristaltic
TIME START PURGING: 0917	TIME END PURGING: 1007
VOLUME PURGED (gallons): 5.0	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/19/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1007</u>	TIME END SAMPLING: <u>1015</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/19/2025
SAMPLING LOCATION:	MW-27	WEATHER:	Clear 72°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>6.34</u>	TOTAL DEPTH OF WELL (feet): <u>34.74</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>4.63</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/19/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0753</u>	TIME END PURGING: <u>0823</u>
VOLUME PURGED (gallons): <u>3.0</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/19/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0823</u>	TIME END SAMPLING: <u>0836</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/19/2025
SAMPLING LOCATION:	MW-28	WEATHER:	Clear 95°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No
 CASING CONDITION: ☒ Ok ☐ Needs Attention
 WELL NUMBER LABELED? ☒ Yes ☐ No
 WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention
 GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Needs purge drum

WATER DEPTH (feet): <u>5.02</u>	TOTAL DEPTH OF WELL (feet): <u>48.30</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>7.06</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/19/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>1120</u>	TIME END PURGING: <u>1150</u>
VOLUME PURGED (gallons): <u>1.5</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/19/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1150</u>	TIME END SAMPLING: <u>1223</u>

[illegible]

Terracon Consultants, Inc.

Comments:	MS/MSD @ 1150

Terracon

PROJECT NUMBER:	35237054	DATE:	8/21/2025
SAMPLING LOCATION:	MW-29	WEATHER:	Clear 78°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No

CASING CONDITION: ☒ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☒ Yes ☐ No

WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Good

WATER DEPTH (feet): <u>8.95</u>	TOTAL DEPTH OF WELL (feet): <u>65.25</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>9.18</u>	

INITIAL APPEARANCE: Clear	INITIAL ODOR: None
PURGING DATE: 8/21/2025	PURGING METHOD: Peristaltic
TIME START PURGING: 1142	TIME END PURGING: 1212
VOLUME PURGED (gallons): 3.0	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1212</u>	TIME END SAMPLING: <u>1226</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	MW-30	WEATHER:	Cloudy 80°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>9.39</u>	TOTAL DEPTH OF WELL (feet): <u>55.03</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>7.44</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>Yes</u>
PURGING DATE: <u>8/20/2025</u>	PURGING METHOD: <u>Disposable Bailer</u>
TIME START PURGING: <u>1130</u>	TIME END PURGING: <u>1212</u>
VOLUME PURGED (gallons): <u>22.5</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>Yes</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Disposable Bailer</u>
TIME START SAMPLING: <u>1240</u>	TIME END SAMPLING: <u>1250</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	MW-31	WEATHER:	Cloudy 80°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

WELL LOCKED? ☒ Yes ☐ No
 CASING CONDITION: ☒ Ok ☐ Needs Attention
 WELL NUMBER LABELED? ☐ Yes ☒ No
 WELL PAINT CONDITION: ☒ Ok ☐ Needs Attention
 GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: Needs purge drum

WATER DEPTH (feet): <u>15.46</u>	TOTAL DEPTH OF WELL (feet): <u>38.20</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>3.71</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>Yes</u>
PURGING DATE: <u>8/20/2025</u>	PURGING METHOD: <u>Disposable Bailer</u>
TIME START PURGING: <u>1219</u>	TIME END PURGING: <u>1236</u>
VOLUME PURGED (gallons): <u>10.5</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Disposable Bailer</u>
TIME START SAMPLING: <u>1255</u>	TIME END SAMPLING: <u>1310</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	<u>35237054</u>	DATE:	<u>8/22/2025</u>
SAMPLING LOCATION:	<u>Leachate - 1</u>	WEATHER:	<u>Clear 72°F</u>
DATUM FOR WATER DEPTH MEASUREMENT:	<u>T.O.C.</u>	WELL DIAMETER (in):	<u>N/A</u>

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

WATER DEPTH (feet): NA TOTAL DEPTH OF WELL (feet): NA
 VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): NA

INITIAL APPEARANCE: <u>NA</u>	INITIAL ODOR: <u>NA</u>
PURGING DATE: <u>NA</u>	PURGING METHOD: <u>NA</u>
TIME START PURGING: <u>NA</u>	TIME END PURGING: <u>NA</u>
VOLUME PURGED (gallons): <u>NA</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Turbid</u>	SAMPLE ODOR: <u>No</u>
SAMPLE DATE: <u>8/22/2025</u>	SAMPLE METHOD: <u>Grab</u>
TIME START SAMPLING: <u>0930</u>	TIME END SAMPLING: <u>0950</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/22/2025
SAMPLING LOCATION:	Leachate 2	WEATHER:	Clear 67°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	N/A

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

WATER DEPTH (feet):	NA	TOTAL DEPTH OF WELL (feet):	NA
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons):		NA	

INITIAL APPEARANCE: <u>NA</u>	INITIAL ODOR: <u>NA</u>
PURGING DATE: <u>NA</u>	PURGING METHOD: <u>NA</u>
TIME START PURGING: <u>NA</u>	TIME END PURGING: <u>NA</u>
VOLUME PURGED (gallons): <u>NA</u>	WELL PURGED DRY? ☐ Yes ☐ No

SAMPLE APPEARANCE: Turbid	SAMPLE ODOR: Yes
SAMPLE DATE: 8/22/2025	SAMPLE METHOD: Grab
TIME START SAMPLING: 0750	TIME END SAMPLING: 0800

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	<u>35237054</u>	DATE:	<u>8/22/2025</u>
SAMPLING LOCATION:	<u>Leachate Cell 3-8</u>	WEATHER:	<u>Clear 90°F</u>
DATUM FOR WATER DEPTH MEASUREMENT:	<u>NA</u>	WELL DIAMETER (in):	<u>N/A</u>

WELL LOCKED? ☐ Yes ☐ No

CASING CONDITION: ☐ Ok ☐ Needs Attention

WELL NUMBER LABELED? ☐ Yes ☐ No

WELL PAINT CONDITION: ☐ Ok ☐ Needs Attention

GENERAL WELL INTERIOR/EXTERIOR CONDITIONS: NA

WATER DEPTH (feet):	NA	TOTAL DEPTH OF WELL (feet):	NA
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons):		NA	

INITIAL APPEARANCE: <u>NA</u>	INITIAL ODOR: <u>NA</u>
PURGING DATE: <u>NA</u>	PURGING METHOD: <u>NA</u>
TIME START PURGING: <u>NA</u>	TIME END PURGING: <u>NA</u>
VOLUME PURGED (gallons): <u>NA</u>	WELL PURGED DRY? ☐ Yes ☐ No

SAMPLE APPEARANCE: Turbid	SAMPLE ODOR: Yes
SAMPLE DATE: 8/22/2025	SAMPLE METHOD: Grab
TIME START SAMPLING: 1342	TIME END SAMPLING: 1348

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	MW-24-PZ2	WEATHER:	Cloudy 77°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>5.98</u>	TOTAL DEPTH OF WELL (feet): <u>50.25</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>7.22</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/20/2025</u>	PURGING METHOD: <u>Disposable Bailer</u>
TIME START PURGING: <u>0838</u>	TIME END PURGING: <u>0928</u>
VOLUME PURGED (gallons): <u>21.0</u>	WELL PURGED DRY? ☐ Yes ☒ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/20/2025</u>	SAMPLE METHOD: <u>Disposable Bailer</u>
TIME START SAMPLING: <u>0928</u>	TIME END SAMPLING: <u>0945</u>

[illegible]

Terracon Consultants, Inc.

Comments:

Terracon

PROJECT NUMBER:	<u>35237054</u>	DATE:	<u>8/19/2025</u>
SAMPLING LOCATION:	<u>MW-25-PZ2</u>	WEATHER:	<u>Clear 97°F</u>
DATUM FOR WATER DEPTH MEASUREMENT:	<u>T.O.C.</u>	WELL DIAMETER (in):	<u>2</u>

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

WATER DEPTH (feet): <u>5.64</u>	TOTAL DEPTH OF WELL (feet): <u>14.02</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>1.37</u>	

INITIAL APPEARANCE: <u>Turbid</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/19/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>1323</u>	TIME END PURGING: <u>1353</u>
VOLUME PURGED (gallons): <u>3.0</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/20/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1358</u>	TIME END SAMPLING: <u>1405</u>

[illegible]

Terracon Consultants, Inc.

Comments:	No Dioxin was sampled

Terracon

PROJECT NUMBER:	<u>35237054</u>	DATE:	<u>8/19/2025</u>
SAMPLING LOCATION:	<u>MW-26-PZ2</u>	WEATHER:	<u>Clear 88°F</u>
DATUM FOR WATER DEPTH MEASUREMENT:	<u>T.O.C.</u>	WELL DIAMETER (in):	<u>2</u>

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

WATER DEPTH (feet): <u>5.18</u>	TOTAL DEPTH OF WELL (feet): <u>13.80</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>1.41</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/19/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>1025</u>	TIME END PURGING: <u>1051</u>
VOLUME PURGED (gallons): <u>2.8</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/20/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>1100</u>	TIME END SAMPLING: <u>1115</u>

[illegible]

Comments:	Cyanide,Herbicide,HNO3,Volatiles only

Terracon

PROJECT NUMBER:	<u>35237054</u>	DATE:	<u>8/19/2025</u>
SAMPLING LOCATION:	<u>MW-27-PZ2</u>	WEATHER:	<u>Clear 78°F</u>
DATUM FOR WATER DEPTH MEASUREMENT:	<u>T.O.C.</u>	WELL DIAMETER (in):	<u>2</u>

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

WATER DEPTH (feet): <u>7.30</u>	TOTAL DEPTH OF WELL (feet): <u>14.00</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>1.09</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>None</u>
PURGING DATE: <u>8/19/2025</u>	PURGING METHOD: <u>Peristaltic</u>
TIME START PURGING: <u>0840</u>	TIME END PURGING: <u>0855</u>
VOLUME PURGED (gallons): <u>3.0</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>None</u>
SAMPLE DATE: <u>8/20/2025</u>	SAMPLE METHOD: <u>Peristaltic</u>
TIME START SAMPLING: <u>0855</u>	TIME END SAMPLING: <u>0910</u>

[illegible]

Terracon Consultants, Inc.

Comments:	Cyanide,Herbicide,HNO3,Volatiles,Fluoride,Sulfide only

Terracon

PROJECT NUMBER:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	MW-30-PZ2	WEATHER:	Cloudy 80°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>8.81</u>	TOTAL DEPTH OF WELL (feet): <u>11.00</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>0.36</u>	

INITIAL APPEARANCE: _____	INITIAL ODOR: _____
PURGING DATE: _____	PURGING METHOD: _____
TIME START PURGING: _____	TIME END PURGING: _____
VOLUME PURGED (gallons): _____	WELL PURGED DRY? ☐ Yes ☐ No

SAMPLE APPEARANCE: _____ SAMPLE DATE: _____ TIME START SAMPLING: _____	SAMPLE ODOR: _____ SAMPLE METHOD: _____ TIME END SAMPLING: _____

[illegible]

Comments:	Well not sampled, only water level is needed.

Terracon

PROJECT NUMBER:	35237054	DATE:	8/20/2025
SAMPLING LOCATION:	PZ31-2	WEATHER:	Cloudy 80°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	2

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

WATER DEPTH (feet): <u>10.32</u>	TOTAL DEPTH OF WELL (feet): <u>20.95</u>
VOLUME OF WATER $V = r^2 h$ (0.163 for 2", 0.653 for 4") (gallons): <u>1.73</u>	

INITIAL APPEARANCE: <u>Clear</u>	INITIAL ODOR: <u>Yes</u>
PURGING DATE: <u>8/20/2025</u>	PURGING METHOD: <u>Bailer</u>
TIME START PURGING: <u>1239</u>	TIME END PURGING: <u>1252</u>
VOLUME PURGED (gallons): <u>1.5</u>	WELL PURGED DRY? ☒ Yes ☐ No

SAMPLE APPEARANCE: <u>Clear</u>	SAMPLE ODOR: <u>No</u>
SAMPLE DATE: <u>8/21/2025</u>	SAMPLE METHOD: <u>Bailer</u>
TIME START SAMPLING: <u>1315</u>	TIME END SAMPLING: <u>1325</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

16 September 2025

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2025

SDG Number: 2508399

Enclosed are the results of analyses for samples received by the laboratory on 19-Aug-25 15:08. 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	3.0°C

Sincerely,

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

Norma James
Technical Director

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16 September 2025



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

CASE NARRATIVE

Sample Delivery Group – 2508399

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

pH QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.

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).

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
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E2-A	Absence of Second Source

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/NREC	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 and/or NREC (No Recovery)).
%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 failed: No Recovery.
NS	Quality Control failed: Not Spiked.

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number: 2508399-01
Sample Name: MW-25
Date/Time Collected: 8/19/25 13:07
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	0.304	J	8/22/25 11:42	B508440	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		8/25/25 18:30	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 18:30	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 18:30	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 18:30	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	97.0		8/25/25 18:30	B508485	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		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 16:47	B508474	EPA 608/SW 8082A
TCMX [surr]	%	110		8/25/25 16:47	B508474	EPA 608/SW 8082A
DCBP [surr]	%	126		8/25/25 16:47	B508474	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		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	36.2		8/28/25 10:51	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	73.2		8/28/25 10:51	B508421	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: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number: 2508399-01
Sample Name: MW-25
Date/Time Collected: 8/19/25 13:07
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 16:18	B508413	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: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number:		2508399-01				
Sample Name:		MW-25				
Date/Time Collected:		8/19/25 13:07				
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>
Aniline	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number:		2508399-01					
Sample Name:		MW-25					
Date/Time Collected:		8/19/25 13:07					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E20, E5	8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	73.3		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	59.7		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	42.7		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	61.0		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	31.1		8/25/25 16:18	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	117		8/25/25 16:18	B508413	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>	

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number: 2508399-01
Sample Name: MW-25
Date/Time Collected: 8/19/25 13:07
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.653		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	23.6		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.156	J	8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.162	J	8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.326	J	8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:26	B508415	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	0.51	J	8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 12:54	B508475	SW 6020B, Rev 2-2014
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	2.93	E-01, J	8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508399-01
Sample Name: MW-25
Date/Time Collected: 8/19/25 13:07
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>
Bromomethane	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.261	B, J	8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		8/21/25 12:43	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	103		8/21/25 12:43	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.11	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/20/25 13:10	B508417	SM 4500 S2-D-2021
Temp of pH	°C	20.3		8/21/25 11:42	B508422	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508399-02
Sample Name: MW-26
Date/Time Collected: 8/19/25 10:07
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	0.213	J	8/22/25 12:03	B508440	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		8/25/25 18:48	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 18:48	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 18:48	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 18:48	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	101		8/25/25 18:48	B508485	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		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 17:20	B508474	EPA 608/SW 8082A
TCMX [surr]	%	107		8/25/25 17:20	B508474	EPA 608/SW 8082A
DCBP [surr]	%	132		8/25/25 17:20	B508474	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		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	34.5		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	83.8		8/28/25 11:09	B508421	SW 8081B, Rev 2, 2007

Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number: 2508399-02
Sample Name: MW-26
Date/Time Collected: 8/19/25 10:07
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508399-02					
Sample Name:		MW-26					
Date/Time Collected:		8/19/25 10:07					
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>	
Aniline	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	

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ANALYTICAL RESULTS

Lab Number:		2508399-02					
Sample Name:		MW-26					
Date/Time Collected:		8/19/25 10:07					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	72.5		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	60.8		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	40.5		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	63.7		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	31.1		8/25/25 16:41	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	126		8/25/25 16:41	B508413	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>	

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ANALYTICAL RESULTS

Lab Number: 2508399-02
Sample Name: MW-26
Date/Time Collected: 8/19/25 10:07
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		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.932		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	13.9		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.213	J	8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.167	J	8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:29	B508415	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	0.66	J	8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 13:28	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 13:28	B508475	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		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00	E-01	8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006

Cole Clark
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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2508399-02
Sample Name: MW-26
Date/Time Collected: 8/19/25 10:07
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>
Bromomethane	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.251	B, J	8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		8/21/25 13:08	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	103		8/21/25 13:08	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.02	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/20/25 13:00	B508417	SM 4500 S2-D-2021
Temp of pH	°C	20.6		8/21/25 11:42	B508422	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508399-03
Sample Name: MW-27
Date/Time Collected: 8/19/25 8:33
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	0.179	J	8/22/25 13:07	B508440	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		8/25/25 19:07	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 19:07	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 19:07	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 19:07	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	76.6		8/25/25 19:07	B508485	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		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 17:52	B508474	EPA 608/SW 8082A
TCMX [surr]	%	122		8/25/25 17:52	B508474	EPA 608/SW 8082A
DCBP [surr]	%	140		8/25/25 17:52	B508474	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		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	42.2		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	57.8		8/28/25 14:47	B508421	SW 8081B, Rev 2, 2007

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508399-03
Sample Name: MW-27
Date/Time Collected: 8/19/25 8:33
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number:		2508399-03				
Sample Name:		MW-27				
Date/Time Collected:		8/19/25 8:33				
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>
Aniline	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018

Cole Clark
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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number:		2508399-03					
Sample Name:		MW-27					
Date/Time Collected:		8/19/25 8:33					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	90.1		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	83.6		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	56.6		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	83.5		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	44.8		8/25/25 17:04	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	130		8/25/25 17:04	B508413	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>	

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ANALYTICAL RESULTS

Lab Number: 2508399-03
Sample Name: MW-27
Date/Time Collected: 8/19/25 8:33
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	1.00		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	28.8		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.164	J	8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.162	J	8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:32	B508415	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	0.51	J	8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 13:32	B508475	SW 6020B, Rev 2-2014
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	2.28	E-01, J	8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508399-03
Sample Name: MW-27
Date/Time Collected: 8/19/25 8:33
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>
Bromomethane	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.342	B, J	8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		8/21/25 13:32	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/21/25 13:32	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.04	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/20/25 13:10	B508417	SM 4500 S2-D-2021
Temp of pH	°C	20.2		8/21/25 11:42	B508422	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508399-04
Sample Name: MW-28
Date/Time Collected: 8/19/25 11:50
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	0.172	J	8/22/25 13:29	B508440	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		8/25/25 19:25	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 19:25	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 19:25	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 19:25	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	85.4		8/25/25 19:25	B508485	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		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 18:25	B508474	EPA 608/SW 8082A
TCMX [surr]	%	120		8/25/25 18:25	B508474	EPA 608/SW 8082A
DCBP [surr]	%	130		8/25/25 18:25	B508474	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		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	50.4		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	62.9		8/28/25 11:45	B508421	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number: 2508399-04
Sample Name: MW-28
Date/Time Collected: 8/19/25 11:50
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E20, E5	8/25/25 17:27	B508413	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: August 2025
Date Received: 19-Aug-25 15:08

ANALYTICAL RESULTS

Lab Number:		2508399-04					
Sample Name:		MW-28					
Date/Time Collected:		8/19/25 11:50					
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>
Aniline	ug/L	< 5.00	E20	8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E20, E21, E2-A, E5	8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 17:27		B508413	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508399-04					
Sample Name:		MW-28					
Date/Time Collected:		8/19/25 11:50					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	80.9		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	70.6		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	48.6		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	71.9		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	37.2		8/25/25 17:27	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	107		8/25/25 17:27	B508413	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>	

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ANALYTICAL RESULTS

Lab Number: 2508399-04
Sample Name: MW-28
Date/Time Collected: 8/19/25 11:50
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	21.3		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:36	B508415	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.046	J	8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 13:35	B508475	SW 6020B, Rev 2-2014
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	4.05	E-01, J	8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508399-04
Sample Name: MW-28
Date/Time Collected: 8/19/25 11:50
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>
Bromomethane	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.288	B, J	8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	108		8/21/25 12:19	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/21/25 12:19	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.03	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/20/25 13:10	B508417	SM 4500 S2-D-2021
Temp of pH	°C	20.4		8/21/25 11:42	B508422	SM 2550 B-2010

Cole Clark
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500 East Reynolds Rd.
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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508413 (Water)

Prepared: 21-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 15:55 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	76.0% / NA	54.8% / 63.1%		14.1%	
1,2,4-Trichlorobenzene	<1.69 ug/L	67.0% / NA	49.1% / 56.7%		14.2%	
1,4-Naphthoquinone	<3.00 ug/L	82.5% / NA	68.7% / 79.5%		14.6%	
1-Naphthylamine	<0.360 ug/L	44.0% / NA	48.4% / 55.0%		12.8%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	76.5% / NA	70.5% / 76.8%		8.50%	
2,4,5-Trichlorophenol	<1.91 ug/L	85.1% / NA	70.8% / 79.0%		10.9%	
2,4,6-Trichlorophenol	<1.06 ug/L	78.3% / NA	64.5% / 72.8%		12.1%	
2,4-Dichlorophenol	<0.449 ug/L	74.0% / NA	56.0% / 62.4%		10.9%	
2,4-Dimethylphenol	<1.12 ug/L	79.3% / NA	58.1% / 66.1%		12.8%	
2,4-Dinitrophenol	<2.25 ug/L	96.2% / NA	98.6% / 101%		2.22%	
2,4-Dinitrotoluene	<0.656 ug/L	88.2% / NA	86.3% / 90.9%		5.19%	
2,6-Dichlorophenol	<0.354 ug/L	80.5% / NA	57.9% / 66.7%		14.2%	
2,6-Dinitrotoluene	<0.656 ug/L	85.0% / NA	77.8% / 83.4%		6.96%	
2-Acetylaminofluorene	<0.275 ug/L	80.3% / NA	82.1% / 84.6%		3.09%	
2-Chloronaphthalene	<1.97 ug/L	88.3% / NA	72.0% / 79.4%		9.80%	
2-Chlorophenol	<1.11 ug/L	74.5% / NA	52.0% / 60.0%		14.3%	
2-Methylnaphthalene	<1.54 ug/L	74.1% / NA	55.7% / 63.7%		13.3%	
2-Methylphenol	<0.462 ug/L	72.5% / NA	52.1% / 58.0%		10.6%	
2-Naphthylamine	<0.190 ug/L	45.4% / NA	49.4% / 55.9%		12.2%	
2-Nitrophenol	<1.12 ug/L	75.9% / NA	55.7% / 63.3%		12.8%	
2-Picoline	<0.0973 ug/L	51.5% / NA	39.5% / 46.9%		17.3%	
3 & 4-Methylphenol	<0.501 ug/L	66.3% / NA	72.9% / 83.2%		13.2%	
3,3-Dichlorobenzidine	<1.30 ug/L	74.9% / NA	78.8% / 81.7%		3.54%	
3,3'-Dimethylbenzidine	<0.538 ug/L	25.2% / NA	38.3% / 35.8%		6.70%	
3-Methylcholanthrene	<0.330 ug/L	72.6% / NA	75.7% / 75.6%		0.0661%	
4,6-Dinitro-o-cresol	<2.96 ug/L	89.7% / NA	91.0% / 96.2%		5.57%	
4-Aminobiphenyl	<0.199 ug/L	66.7% / NA	84.8% / 92.3%		8.42%	
4-Bromophenyl-phenylether	<1.47 ug/L	78.4% / NA	68.9% / 78.2%		12.6%	
4-Chloro-3-methylphenol	<1.75 ug/L	80.3% / NA	64.2% / 73.0%		12.9%	D
4-Chloroaniline	<0.609 ug/L	68.0% / NA	57.5% / 63.8%		10.3%	
4-Chlorophenyl-phenylether	<1.68 ug/L	82.0% / NA	69.3% / 76.4%		9.69%	
4-Nitroaniline	<0.953 ug/L	91.8% / NA	95.6% / 95.9%		0.311%	
4-Nitrophenol	<2.22 ug/L	73.2% / NA	71.9% / 70.5%		1.95%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	80.4% / NA	89.5% / 90.8%		1.45%	
5-Nitro-o-toluidine	<1.00 ug/L	86.5% / NA	83.0% / 90.7%		8.86%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	92.2% / NA	95.8% / 94.9%		0.992%	
Acenaphthene	<1.88 ug/L	80.7% / NA	66.4% / 73.6%		10.3%	
Acenaphthylene	<1.53 ug/L	84.9% / NA	69.2% / 77.1%		10.8%	
Acetophenone	<0.323 ug/L	72.1% / NA	52.2% / 60.7%		15.1%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec / NA	No Rec / No Rec		NA	NREC
Aniline	<1.48 ug/L	57.4% / NA	45.6% / 52.0%		13.1%	
Anthracene	<0.566 ug/L	83.6% / NA	78.9% / 85.4%		7.93%	
Aramite	<20.0 ug/L	NA / NA	NA / NA		NA	NS
Benzo (a) anthracene	<0.475 ug/L	79.1% / NA	81.9% / 84.4%		3.05%	

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508413 (Water)

Prepared: 21-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 15:55 By: TB

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
Benzo[a]pyrene	<0.566 ug/L	85.0%	/ NA	88.7%	/ 89.8%		1.21%	
Benzo[b]fluoranthene	<0.482 ug/L	92.2%	/ NA	95.4%	/ 95.4%		0.0902%	
Benzo[g,h,i]perylene	<0.529 ug/L	79.3%	/ NA	81.3%	/ 82.3%		1.18%	
Benzo[k]fluoranthene	<0.516 ug/L	84.0%	/ NA	86.7%	/ 88.9%		2.47%	
Benzyl alcohol	<0.992 ug/L	71.6%	/ NA	49.4%	/ 56.2%		12.9%	D
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	73.9%	/ NA	52.2%	/ 60.0%		13.8%	%D1
Bis(2-chloroethoxy)methane	<1.04 ug/L	94.4%	/ NA	65.9%	/ 79.6%		18.8%	
Bis(2-chloroethyl)ether	<1.46 ug/L	74.7%	/ NA	49.8%	/ 60.1%		18.7%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	81.3%	/ NA	83.3%	/ 84.7%		1.72%	
Butylbenzylphthalate	<1.18 ug/L	86.9%	/ NA	88.6%	/ 89.6%		1.04%	
Chlorobenzilate	<0.321 ug/L	90.9%	/ NA	93.2%	/ 94.4%		1.27%	
Chrysene	<0.489 ug/L	82.3%	/ NA	83.2%	/ 86.4%		3.84%	
Diallate	<0.713 ug/L	103%	/ NA	90.2%	/ 102%		12.3%	
Dibenz[a,h]anthracene	<0.843 ug/L	79.1%	/ NA	82.3%	/ 82.8%		0.555%	
Dibenzofuran	<1.36 ug/L	82.5%	/ NA	68.2%	/ 76.5%		11.4%	
Diethylphthalate	<0.668 ug/L	87.9%	/ NA	83.1%	/ 87.2%		4.85%	
Dimethoate	<1.00 ug/L	NA	/ NA	NA	/ NA		NA	NS
Dimethylphthalate	<0.516 ug/L	83.8%	/ NA	76.0%	/ 82.6%		8.36%	
Di-n-butylphthalate	<1.33 ug/L	84.8%	/ NA	85.8%	/ 87.0%		1.40%	
Di-n-octylphthalate	<1.43 ug/L	89.4%	/ NA	91.5%	/ 92.8%		1.48%	
Disulfoton	<0.300 ug/L	NA	/ NA	NA	/ NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	73.8%	/ NA	53.6%	/ 63.2%		16.3%	
Famphur	<2.00 ug/L	NA	/ NA	NA	/ NA		NA	NS
Fluoranthene	<0.575 ug/L	80.9%	/ NA	80.0%	/ 85.5%		6.66%	
Fluorene	<1.43 ug/L	83.8%	/ NA	72.4%	/ 80.1%		10.1%	
Hexachlorobenzene	<1.27 ug/L	78.6%	/ NA	71.2%	/ 79.1%		10.4%	
Hexachlorobutadiene	<2.52 ug/L	66.5%	/ NA	48.2%	/ 54.5%		12.3%	
Hexachlorocyclopentadiene	<2.71 ug/L	62.2%	/ NA	50.9%	/ 56.9%		11.1%	
Hexachloroethane	<0.958 ug/L	59.9%	/ NA	41.9%	/ 47.9%		13.5%	
Hexachlorophene	<0.167 ug/L	NA	/ NA	NA	/ NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	63.9%	/ NA	47.1%	/ 52.9%		11.5%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	80.6%	/ NA	82.0%	/ 82.9%		1.10%	
Isodrin	<0.284 ug/L	89.7%	/ NA	86.9%	/ 84.9%		2.34%	
Isophorone	<2.23 ug/L	84.3%	/ NA	57.9%	/ 69.7%		18.5%	
Isosafrole	<0.216 ug/L	34.6%	/ NA	24.9%	/ 28.8%		14.4%	
Kepone	<0.420 ug/L	93.3%	/ NA	141%	/ 123%		14.0%	E-01
m-Dinitrobenzene	<0.359 ug/L	83.2%	/ NA	77.7%	/ 85.3%		9.27%	
Methapyrilene	<3.00 ug/L	NA	/ NA	NA	/ NA		NA	E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	59.0%	/ NA	42.7%	/ 50.0%		15.8%	E2-F
Methyl parathion	<0.230 ug/L	NA	/ NA	NA	/ NA		NA	NS
m-Nitroaniline	<0.308 ug/L	85.1%	/ NA	75.8%	/ 82.5%		8.55%	
Nitrobenzene	<1.42 ug/L	77.1%	/ NA	56.2%	/ 63.9%		12.9%	
N-Nitrosodiethylamine	<0.497 ug/L	66.3%	/ NA	47.9%	/ 55.6%		14.8%	
N-Nitrosodimethylamine	<0.372 ug/L	48.5%	/ NA	34.1%	/ 39.2%		13.9%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	73.8%	/ NA	54.8%	/ 64.7%		16.5%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	79.7%	/ NA	57.1%	/ 64.0%		11.4%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	77.8%	/ NA	71.6%	/ 77.8%		8.34%	

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508413 (Water)

Prepared: 21-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 15:55 By: TB

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
N-Nitrosomethylethylamine	<0.244 ug/L	66.1%	/ NA	46.7%	/ 52.2%		11.1%	
N-Nitrosomorpholine	<1.00 ug/L	76.0%	/ NA	55.1%	/ 64.3%		15.3%	
N-Nitrosopiperidine	<0.298 ug/L	79.8%	/ NA	57.2%	/ 65.9%		14.0%	
N-Nitrosopyrrolidine	<1.00 ug/L	66.9%	/ NA	50.4%	/ 58.4%		14.8%	
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	79.4%	/ NA	79.3%	/ 82.7%		4.12%	
o-Toluidine	<0.196 ug/L	62.2%	/ NA	45.2%	/ 52.1%		14.3%	
Parathion	<0.224 ug/L	NA	/ NA	NA	/ NA		NA	NS
p-Dimethylaminoazobenzene	<0.259 ug/L	83.0%	/ NA	82.5%	/ 83.3%		0.984%	
Pentachlorobenzene	<0.133 ug/L	79.5%	/ NA	62.9%	/ 75.3%		18.0%	
Pentachloroethane	<5.68 ug/L	55.8%	/ NA	40.5%	/ 47.8%		16.5%	J
Pentachloronitrobenzene	<0.258 ug/L	94.7%	/ NA	96.8%	/ 98.4%		1.64%	
Pentachlorophenol	<1.28 ug/L	88.9%	/ NA	84.7%	/ 86.2%		1.73%	
Phenacetin	<0.200 ug/L	93.6%	/ NA	94.3%	/ 95.8%		1.57%	
Phenanthrene	<0.572 ug/L	83.1%	/ NA	76.7%	/ 84.3%		9.46%	
Phenol	<0.348 ug/L	44.4%	/ NA	30.8%	/ 34.6%		11.5%	
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	87.7%	/ NA	89.3%	/ 91.8%		2.77%	
Pyrene	<0.489 ug/L	82.0%	/ NA	82.3%	/ 86.7%		5.24%	
Pyridine	<1.39 ug/L	32.5%	/ NA	23.5%	/ 26.8%		13.2%	
Safrole	<0.484 ug/L	150%	/ NA	115%	/ 130%		12.6%	
Sulfotep	<0.344 ug/L	NA	/ NA	NA	/ NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	73.7%	/ NA	74.2%	/ 76.5%		2.97%	
2,4,6-Tribromophenol [surr]	81.0 %	83.4%	/ NA	76.9%	/ 85.1%		NA	
2-Fluorobiphenyl [surr]	80.7 %	80.1%	/ NA	62.9%	/ 70.4%		NA	
2-Fluorophenol [surr]	58.9 %	58.6%	/ NA	38.5%	/ 43.4%		NA	
Nitrobenzene-d5 [surr]	83.3 %	80.7%	/ NA	58.0%	/ 65.9%		NA	
Phenol-d5 [surr]	45.0 %	45.7%	/ NA	31.0%	/ 35.0%		NA	
Terphenyl-d14 [surr]	109 %	102%	/ NA	99.8%	/ 104%		NA	

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QUALITY CONTROL RESULTS**Volatiles -- Batch: B508414 (Water)**

Prepared: 21-Aug-25 07:46 By: TB -- Analyzed: 21-Aug-25 11:54 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>
1,1,1,2-Tetrachloroethane	<0.125 ug/L	96.9% / NA	97.5% / 98.3%		0.748%	
1,1,1-Trichloroethane	<0.261 ug/L	97.2% / NA	101% / 97.4%		3.82%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	98.8% / NA	103% / 99.4%		3.89%	
1,1,2-Trichloroethane	<0.210 ug/L	91.6% / NA	96.4% / 95.4%		1.04%	
1,1-Dichloroethane	<0.248 ug/L	102% / NA	109% / 110%		0.588%	
1,1-Dichloroethene	<0.303 ug/L	102% / NA	106% / 104%		1.97%	
1,2,3-Trichloropropane	<0.471 ug/L	85.9% / NA	88.4% / 87.4%		1.08%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	93.3% / NA	99.0% / 96.8%		2.29%	
1,2-Dibromoethane	<0.250 ug/L	90.8% / NA	94.7% / 95.6%		0.967%	
1,2-Dichlorobenzene	<0.173 ug/L	96.3% / NA	90.4% / 91.7%		1.36%	
1,2-Dichloroethane	<0.235 ug/L	97.4% / NA	104% / 101%		2.63%	
1,2-Dichloropropane	<0.259 ug/L	102% / NA	104% / 107%		2.79%	
1,3-Dichlorobenzene	<0.220 ug/L	96.8% / NA	90.2% / 90.4%		0.236%	
1,4-Dichlorobenzene	<0.158 ug/L	96.3% / NA	90.0% / 90.7%		0.778%	
2-Butanone	<0.461 ug/L	117% / NA	124% / 121%		2.29%	
2-Hexanone	<0.372 ug/L	118% / NA	126% / 129%		2.31%	
4-Methyl-2-pentanone	<0.281 ug/L	117% / NA	128% / 127%		0.171%	
Acetone	<1.49 ug/L	123% / NA	120% / 102%		14.2%	E-01
Acetonitrile	<12.4 ug/L	95.7% / NA	104% / 104%		0.219%	
Acrolein	<1.00 ug/L	107% / NA	117% / 113%		4.13%	
Acrylonitrile	<0.389 ug/L	110% / NA	115% / 115%		0.220%	
Allyl chloride	<0.539 ug/L	103% / NA	105% / 104%		0.383%	
Benzene	<0.263 ug/L	99.9% / NA	106% / 106%		0.292%	
Bromodichloromethane	<0.195 ug/L	97.2% / NA	102% / 101%		0.263%	
Bromoform	<0.278 ug/L	95.1% / NA	93.3% / 95.4%		2.24%	
Bromomethane	<0.530 ug/L	98.7% / NA	102% / 103%		1.28%	
Carbon disulfide	<0.300 ug/L	110% / NA	115% / 113%		1.49%	
Carbon Tetrachloride	<0.484 ug/L	95.3% / NA	99.4% / 97.4%		1.98%	
Chlorobenzene	<0.181 ug/L	93.3% / NA	93.6% / 95.5%		1.99%	
Chloroethane	<0.392 ug/L	104% / NA	113% / 111%		2.07%	
Chloroform	<0.244 ug/L	99.6% / NA	104% / 102%		2.47%	
Chloromethane	<0.155 ug/L	101% / NA	108% / 107%		0.995%	
Chloroprene	<1.00 ug/L	102% / NA	104% / 103%		1.28%	E2-F
cis-1,3-Dichloropropene	<0.123 ug/L	92.5% / NA	95.0% / 98.8%		3.93%	
Dibromochloromethane	<0.202 ug/L	89.3% / NA	95.5% / 93.5%		2.10%	
Dibromomethane	<0.174 ug/L	91.7% / NA	96.3% / 96.3%		0.0357%	
Dichlorodifluoromethane	<0.266 ug/L	93.7% / NA	99.3% / 98.1%		1.24%	
Ethyl Methacrylate	<0.843 ug/L	94.0% / NA	101% / 102%		0.658%	
Ethylbenzene	<0.274 ug/L	97.7% / NA	96.7% / 96.2%		0.532%	
Iodomethane	<0.432 ug/L	88.1% / NA	91.3% / 94.4%		3.33%	
Isobutyl alcohol	<1.68 ug/L	91.1% / NA	103% / 104%		0.367%	
m,p-Xylene	<0.500 ug/L	97.6% / NA	94.3% / 95.5%		1.30%	
Methacrylonitrile	<3.29 ug/L	102% / NA	107% / 107%		0.301%	
Methyl Methacrylate	<0.806 ug/L	88.2% / NA	98.8% / 100%		1.59%	
Methylene Chloride	0.357 ug/L	98.4% / NA	100% / 99.6%		0.818%	B, J
Naphthalene	<0.114 ug/L	92.5% / NA	86.3% / 87.9%		1.84%	
o-Xylene	<0.206 ug/L	97.1% / NA	93.6% / 95.1%		1.67%	
Propionitrile	<2.28 ug/L	97.9% / NA	103% / 105%		2.04%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

QUALITY CONTROL RESULTS

Volatiles -- Batch: B508414 (Water)

Prepared: 21-Aug-25 07:46 By: TB -- Analyzed: 21-Aug-25 11:54 By: tb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	93.5% / NA	92.8% / 94.4%		1.68%	
Tetrachloroethene	<0.268 ug/L	96.7% / NA	96.1% / 96.4%		0.341%	
Toluene	<0.295 ug/L	98.2% / NA	101% / 103%		2.10%	
trans-1,2-Dichloroethene	<0.320 ug/L	98.4% / NA	105% / 103%		1.53%	
trans-1,3-Dichloropropene	<0.155 ug/L	90.5% / NA	93.6% / 94.8%		1.22%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	101% / NA	103% / 107%		3.37%	
Trichloroethene	<0.306 ug/L	93.0% / NA	96.2% / 98.7%		2.57%	
Trichlorofluoromethane	<0.423 ug/L	102% / NA	109% / 104%		4.84%	
Vinyl acetate	<0.880 ug/L	141% / NA	163% / 167%		2.10%	E-01
Vinyl chloride	<0.369 ug/L	105% / NA	114% / 111%		2.21%	
1,2-Dichloroethane-d4 [surr]	107 %	108% / NA	108% / 107%		NA	
4-Bromofluorobenzene [surr]	100 %	101% / NA	99.2% / 97.6%		NA	
Toluene-d8 [surr]	104 %	103% / NA	105% / 105%		NA	

Total Metals -- Batch: B508415 (Water)

Prepared: 25-Aug-21 09:17 By: KAW -- Analyzed: 21-Aug-25 10:16 By: KAW

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	104% / NA	101% / 106%		5.45%	

Wet Chemistry -- Batch: B508417 (Water)

Prepared: 20-Aug-25 13:00 By: KJ -- Analyzed: 21-Aug-25 09:44 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.0203 mg/L	98.5% / 95.5%	88.5% / NA		3.09%	

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QUALITY CONTROL RESULTS
Pesticides -- Batch: B508421 (Water)
Prepared: 21-Aug-25 11:16 By: MB -- Analyzed: 28-Aug-25 10:32 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>
4,4'-DDD	<0.009 ug/L	72.7% / NA	69.1% / 75.4%		8.63%	
4,4'-DDE	<0.004 ug/L	58.4% / NA	49.4% / 58.4%		16.7%	D
4,4'-DDT	<0.004 ug/L	60.6% / NA	59.8% / 63.2%		5.62%	
Aldrin	<0.003 ug/L	57.0% / NA	42.8% / 47.4%		10.3%	
alpha-BHC	<0.003 ug/L	51.1% / NA	38.0% / 51.4%		30.0%	D
beta-BHC	<0.005 ug/L	62.4% / NA	36.2% / 43.9%		19.2%	D, J
delta-BHC	<0.002 ug/L	62.7% / NA	46.7% / 55.0%		16.5%	D, J
Dieldrin	<0.004 ug/L	63.8% / NA	55.5% / 64.8%		15.5%	D
Endosulfan I	<0.003 ug/L	88.2% / NA	65.1% / 81.1%		21.8%	D
Endosulfan II	<0.005 ug/L	60.2% / NA	58.3% / 64.0%		9.32%	
Endosulfan sulfate	<0.004 ug/L	64.6% / NA	64.3% / 69.2%		7.32%	
Endrin	<0.006 ug/L	66.0% / NA	54.3% / 64.1%		16.5%	D
Endrin aldehyde	<0.021 ug/L	68.2% / NA	64.5% / 71.1%		9.73%	J
gamma-BHC (Lindane)	<0.002 ug/L	90.6% / NA	58.7% / 64.5%		9.35%	
Heptachlor	<0.003 ug/L	57.1% / NA	35.3% / 41.1%		15.1%	
Heptachlor epoxide	<0.002 ug/L	59.0% / NA	44.9% / 55.1%		20.4%	D
Methoxychlor	<0.020 ug/L	62.9% / NA	64.2% / 67.8%		5.39%	
DCBP [surr]	74.3 %	56.8% / NA	41.9% / 45.8%		NA	
TCMX [surr]	68.1 %	38.1% / NA	30.0% / 36.1%		NA	

Wet Chemistry -- Batch: B508422 (Water)
Prepared: 21-Aug-25 11:20 By: CGF -- Analyzed: 21-Aug-25 11:20 By: CGF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
pH	NA	101% / 101%	NA / NA		0.00%	

Anions -- Batch: B508440 (Water)
Prepared: 22-Aug-25 07:46 By: MB -- Analyzed: 22-Aug-25 10:59 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	101% / NA	100% / 91.4%		9.22%	

Wet Chemistry -- Batch: B508455 (Water)
Prepared: 22-Aug-25 11:02 By: KJ -- Analyzed: 22-Aug-25 11:02 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>
Cyanide (total)	<0.002 mg/L	94.0% / 96.0%	91.0% / NA		2.11%	

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QUALITY CONTROL RESULTS

PCBs -- Batch: B508474 (Water)

Prepared: 25-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 16:15 By: mb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	130% / NA	134% / 135%		1.10%	
Aroclor-1260	<0.0396 ug/L	118% / NA	118% / 115%		2.59%	
DCBP [surr]	72.5 %	93.0% / NA	134% / 126%		NA	
TCMX [surr]	100 %	104% / NA	121% / 111%		NA	

Total Metals -- Batch: B508475 (Water)

Prepared: 25-Aug-25 08:38 By: ST -- Analyzed: 26-Aug-25 12:46 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	101% / NA	98.0% / 98.1%		0.0692%	
Arsenic	<0.052 ug/L	97.4% / NA	97.4% / 98.3%		0.926%	
Barium	<0.078 ug/L	102% / NA	97.9% / 98.2%		0.194%	
Beryllium	<0.074 ug/L	103% / NA	82.9% / 83.1%		0.230%	
Cadmium	<0.038 ug/L	99.2% / NA	101% / 100%		0.914%	
Chromium	<0.0751 ug/L	96.5% / NA	95.5% / 96.5%		1.01%	
Cobalt	<0.035 ug/L	95.4% / NA	94.5% / 95.4%		1.03%	
Copper	<0.149 ug/L	97.6% / NA	95.3% / 97.3%		2.04%	
Lead	<0.115 ug/L	103% / NA	98.4% / 98.7%		0.327%	
Nickel	<0.42 ug/L	102% / NA	98.3% / 99.9%		1.59%	
Selenium	<1.50 ug/L	94.8% / NA	96.8% / 98.4%		1.66%	
Silver	<0.099 ug/L	94.2% / NA	95.0% / 95.9%		1.02%	
Thallium	<0.035 ug/L	104% / NA	99.5% / 99.7%		0.198%	
Tin	<1.62 ug/L	98.3% / NA	96.2% / 96.1%		0.0243%	
Vanadium	<0.042 ug/L	96.8% / NA	93.4% / 99.8%		6.66%	
Zinc	<4.89 ug/L	114% / NA	104% / 107%		3.04%	

Herbicides -- Batch: B508485 (Water)

Prepared: 25-Aug-25 10:09 By: MB -- Analyzed: 25-Aug-25 18:12 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	71.1% / NA	77.3% / 67.0%		14.3%	J
2,4-D	<0.964 ug/L	63.6% / NA	53.3% / 42.3%		23.1%	
DCAA [surr]	78.6 %	59.3% / NA	101% / 76.7%		NA	

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Cole Clark
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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 19-Aug-25 15:08

QUALIFIER(S)

*%D1:	Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*B:	Analyte Is Found In The Associated Blank
*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).
*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.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

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				Arkansas Analytical Work Order Number: 2508399										
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		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)	Appendix IX Pesticides (8081) / Appendix IX PCBs (8082)	Appendix IX SemiVolatiles (8270)	**Appendix IX Dioxin, Furans (SUBCONTRACT)**	
	8-19-25	1307	X		12	Water	MW-25	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	01
	8-19-25	1007	X		12	Water	MW-26	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	02
	8-19-25	0933	X		12	Water	MW-27	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	03
	8-19-25	1150	X		12	Water	MW-28 MS/MSD	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	04
			X		12	Water												
			X		12	Water												
			X		12	Water												
			X		12	Water												
			X		12	Water												
			X		12	Water												
			X		12	Water												
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS								
Wes Williams		8-19-25 1508				1. CUSTODY SEALS: Yes ___ No ___ 2. CONTAINERS CORRECT: Yes ___ No ___ 3. COC/LABELS AGREE: Yes ___ No ___ 4. RECEIVED ON ICE: Yes ___ No ___ 5. TEMPERATURE ON RECEIPT: 3 °C 6. TEMPERATURE GUN ID: HHT#				Email: Cole Clark - cole.clark@veolia.com David Jaros - david.jaros@terracon.com Paul Gramling - paul.gramling@terracon.com Matt Acree - Matt.Acree@terracon.com								
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		FOR COMPLETION BY LAB ONLY												
		8-19-25 15:08		Natasha Howard														



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

16 September 2025

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2025

SDG Number: 2508408

Enclosed are the results of analyses for samples received by the laboratory on 20-Aug-25 15:36. 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	3.0°C

Sincerely,

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

Norma James
Technical Director

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Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

CASE NARRATIVE

Sample Delivery Group – 2508408

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

pH QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.

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).

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
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E2-A	Absence of Second Source

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/NREC	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 and/or NREC (No Recovery)).
%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 failed: No Recovery.
NS	Quality Control failed: Not Spiked.

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-01
Sample Name: 27- PZ - 2
Date/Time Collected: 8/20/25 8:55
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	0.763		8/22/25 13:50	B508440	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		8/25/25 19:43	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 19:43	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 19:43	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 19:43	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	83.4		8/25/25 19:43	B508485	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		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 18:57	B508474	EPA 608/SW 8082A
TCMX [surr]	%	118		8/25/25 18:57	B508474	EPA 608/SW 8082A
DCBP [surr]	%	116		8/25/25 18:57	B508474	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		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	37.6		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	69.2		8/28/25 12:03	B508421	SW 8081B, Rev 2, 2007

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2508408-01
Sample Name: 27- PZ - 2
Date/Time Collected: 8/20/25 8:55
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508408-01					
Sample Name:		27- PZ - 2					
Date/Time Collected:		8/20/25 8:55					
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>	
Aniline	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	

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ANALYTICAL RESULTS

Lab Number:		2508408-01					
Sample Name:		27- PZ - 2					
Date/Time Collected:		8/20/25 8:55					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	67.7		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	69.5		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	48.6		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	72.3		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	38.4		8/25/25 17:50	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	109		8/25/25 17:50	B508413	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>	

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ANALYTICAL RESULTS

Lab Number: 2508408-01
Sample Name: 27- PZ - 2
Date/Time Collected: 8/20/25 8:55
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		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	2.42		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	48.2		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	0.112	J	8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.042	J	8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	1.62		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.506		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	2.18		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	2.09		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:45	B508415	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	1.44	J	8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	9.62		8/26/25 13:43	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	17.5	J	8/26/25 13:43	B508475	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		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00	E-01	8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508408-01
Sample Name: 27- PZ - 2
Date/Time Collected: 8/20/25 8:55
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	E2-F	8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00	E-01	8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		8/21/25 13:57	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/21/25 13:57	B508414	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.63		8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/21/25 9:44	B508417	SM 4500 S2-D-2021

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ANALYTICAL RESULTS

Lab Number: 2508408-01
Sample Name: 27- PZ - 2
Date/Time Collected: 8/20/25 8:55
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	23.4		8/21/25 11:42	B508422	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508408-02
Sample Name: 24 - PZ - 2
Date/Time Collected: 8/20/25 9:28
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	0.303	J	8/22/25 14:12	B508440	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		8/25/25 20:02	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 20:02	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 20:02	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 20:02	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	91.4		8/25/25 20:02	B508485	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		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 19:30	B508474	EPA 608/SW 8082A
TCMX [surr]	%	131		8/25/25 19:30	B508474	EPA 608/SW 8082A
DCBP [surr]	%	87.0		8/25/25 19:30	B508474	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		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	50.1		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	49.5		8/28/25 12:22	B508421	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number: 2508408-02
Sample Name: 24 - PZ - 2
Date/Time Collected: 8/20/25 9:28
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508408-02				
Sample Name:		24 - PZ - 2				
Date/Time Collected:		8/20/25 9:28				
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>
Aniline	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 18:12	B508413	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: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number:		2508408-02					
Sample Name:		24 - PZ - 2					
Date/Time Collected:		8/20/25 9:28					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	79.8		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	82.4		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	56.1		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	81.0		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	43.6		8/25/25 18:12	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	114		8/25/25 18:12	B508413	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-02
Sample Name: 24 - PZ - 2
Date/Time Collected: 8/20/25 9:28
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.382		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	52.9		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.073	J	8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.174	J	8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.095	J	8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.355	J	8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.186	J	8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:49	B508415	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.134	J	8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 13:47	B508475	SW 6020B, Rev 2-2014
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00	E-01	8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006

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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-02
Sample Name: 24 - PZ - 2
Date/Time Collected: 8/20/25 9:28
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>
Bromomethane	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	0.530	J	8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.262	J, B	8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.7		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	106		8/21/25 14:22	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/21/25 14:22	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.23	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/21/25 9:44	B508417	SM 4500 S2-D-2021
Temp of pH	°C	23.8		8/21/25 11:42	B508422	SM 2550 B-2010

Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-03
Sample Name: 26 - PZ - 2
Date/Time Collected: 8/20/25 11:00
Sample Matrix: Water

<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		8/25/25 20:20	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 20:20	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 20:20	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 20:20	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	94.0		8/25/25 20:20	B508485	SW 8151A, Rev 1 1996

<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		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	2.80		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	244		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	0.584		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.100	J	8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	1.47		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	4.92		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	7.12		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	8.94		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	0.0825	J	8/21/25 10:52	B508415	SW7470A/EPA245.1.3.0- 1994
Nickel	ug/L	6.55		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	14.2		8/26/25 13:50	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	35.7		8/26/25 13:50	B508475	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		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00	E-01	8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-03
Sample Name: 26 - PZ - 2
Date/Time Collected: 8/20/25 11:00
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>
Acetonitrile	ug/L	< 50.0		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.313	J, B	8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.3		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508408-03
Sample Name: 26 - PZ - 2
Date/Time Collected: 8/20/25 11:00
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>
1,2-Dichloroethane-d4 [surr]	%	106		8/21/25 16:02	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		8/21/25 16:02	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021

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ANALYTICAL RESULTS

Lab Number: 2508408-04
Sample Name: 25 - PZ - 2
Date/Time Collected: 8/20/25 13:58
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	1.08		8/22/25 14:33	B508440	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		8/25/25 20:38	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 20:38	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 20:38	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 20:38	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	80.2		8/25/25 20:38	B508485	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		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 20:03	B508474	EPA 608/SW 8082A
TCMX [surr]	%	126		8/25/25 20:03	B508474	EPA 608/SW 8082A
DCBP [surr]	%	118		8/25/25 20:03	B508474	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		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	76.1		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	51.8		8/28/25 12:40	B508421	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508408-04				
Sample Name:		25 - PZ - 2				
Date/Time Collected:		8/20/25 13:58				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508408-04					
Sample Name:		25 - PZ - 2					
Date/Time Collected:		8/20/25 13:58					
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>	
Aniline	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number:		2508408-04					
Sample Name:		25 - PZ - 2					
Date/Time Collected:		8/20/25 13:58					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	73.8		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	73.9		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	50.8		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	74.8		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	39.2		8/25/25 18:35	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	107		8/25/25 18:35	B508413	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>	

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-04
Sample Name: 25 - PZ - 2
Date/Time Collected: 8/20/25 13:58
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		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.947		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	75.5		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	0.105	J	8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.069	J	8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	1.12		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.413		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	1.32		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	1.58		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	0.0900	J	8/21/25 10:55	B508415	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	2.36		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	6.56		8/26/25 13:54	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	10.9	J	8/26/25 13:54	B508475	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		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00	E-01	8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508408-04
Sample Name: 25 - PZ - 2
Date/Time Collected: 8/20/25 13:58
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		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.251	J, B	8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.8		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	105		8/21/25 15:12	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/21/25 15:12	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.61	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/21/25 9:44	B508417	SM 4500 S2-D-2021

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Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number: 2508408-04
Sample Name: 25 - PZ - 2
Date/Time Collected: 8/20/25 13:58
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	24.3		8/21/25 11:42	B508422	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508408-05
Sample Name: MW-24
Date/Time Collected: 8/20/25 10:20
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	0.239	J	8/22/25 14:55	B508440	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		8/25/25 20:56	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 20:56	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 20:56	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 20:56	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	98.6		8/25/25 20:56	B508485	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		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 21:40	B508474	EPA 608/SW 8082A
TCMX [surr]	%	121		8/25/25 21:40	B508474	EPA 608/SW 8082A
DCBP [surr]	%	126		8/25/25 21:40	B508474	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		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
TCMX [surr]	%	39.5		8/28/25 12:58	B508421	SW 8081B, Rev 2, 2007
DCBP [surr]	%	65.2		8/28/25 12:58	B508421	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: August 2025

Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number:		2508408-05				
Sample Name:		MW-24				
Date/Time Collected:		8/20/25 10:20				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018

Cole Clark
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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

ANALYTICAL RESULTS

Lab Number:		2508408-05					
Sample Name:		MW-24					
Date/Time Collected:		8/20/25 10:20					
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>	
Aniline	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A, E5	8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	

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Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number:		2508408-05					
Sample Name:		MW-24					
Date/Time Collected:		8/20/25 10:20					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	74.3		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	64.7		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	45.7		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	66.5		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	35.7		8/25/25 18:58	B508413	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	110		8/25/25 18:58	B508413	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>	

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508408-05
Sample Name: MW-24
Date/Time Collected: 8/20/25 10:20
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		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	2.77		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	104		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.102	J	8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.520		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.167	J	8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.153	J	8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/21/25 10:59	B508415	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	0.42	J	8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 13:58	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 13:58	B508475	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		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Acetone	ug/L	1.50	J, E-01	8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508408-05
Sample Name: MW-24
Date/Time Collected: 8/20/25 10:20
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>
Bromomethane	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.278	J, B	8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	104		8/21/25 15:36	B508414	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/21/25 15:36	B508414	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.42	E2	8/21/25 11:42	B508422	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/21/25 9:44	B508417	SM 4500 S2-D-2021
Temp of pH	°C	23.7		8/21/25 11:42	B508422	SM 2550 B-2010

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508413 (Water)

Prepared: 21-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 15:55 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	76.0% / NA	54.8% / 63.1%		14.1%	
1,2,4-Trichlorobenzene	<1.69 ug/L	67.0% / NA	49.1% / 56.7%		14.2%	
1,4-Naphthoquinone	<3.00 ug/L	82.5% / NA	68.7% / 79.5%		14.6%	
1-Naphthylamine	<0.360 ug/L	44.0% / NA	48.4% / 55.0%		12.8%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	76.5% / NA	70.5% / 76.8%		8.50%	
2,4,5-Trichlorophenol	<1.91 ug/L	85.1% / NA	70.8% / 79.0%		10.9%	
2,4,6-Trichlorophenol	<1.06 ug/L	78.3% / NA	64.5% / 72.8%		12.1%	
2,4-Dichlorophenol	<0.449 ug/L	74.0% / NA	56.0% / 62.4%		10.9%	
2,4-Dimethylphenol	<1.12 ug/L	79.3% / NA	58.1% / 66.1%		12.8%	
2,4-Dinitrophenol	<2.25 ug/L	96.2% / NA	98.6% / 101%		2.22%	
2,4-Dinitrotoluene	<0.656 ug/L	88.2% / NA	86.3% / 90.9%		5.19%	
2,6-Dichlorophenol	<0.354 ug/L	80.5% / NA	57.9% / 66.7%		14.2%	
2,6-Dinitrotoluene	<0.656 ug/L	85.0% / NA	77.8% / 83.4%		6.96%	
2-Acetylaminofluorene	<0.275 ug/L	80.3% / NA	82.1% / 84.6%		3.09%	
2-Chloronaphthalene	<1.97 ug/L	88.3% / NA	72.0% / 79.4%		9.80%	
2-Chlorophenol	<1.11 ug/L	74.5% / NA	52.0% / 60.0%		14.3%	
2-Methylnaphthalene	<1.54 ug/L	74.1% / NA	55.7% / 63.7%		13.3%	
2-Methylphenol	<0.462 ug/L	72.5% / NA	52.1% / 58.0%		10.6%	
2-Naphthylamine	<0.190 ug/L	45.4% / NA	49.4% / 55.9%		12.2%	
2-Nitrophenol	<1.12 ug/L	75.9% / NA	55.7% / 63.3%		12.8%	
2-Picoline	<0.0973 ug/L	51.5% / NA	39.5% / 46.9%		17.3%	
3 & 4-Methylphenol	<0.501 ug/L	66.3% / NA	72.9% / 83.2%		13.2%	
3,3-Dichlorobenzidine	<1.30 ug/L	74.9% / NA	78.8% / 81.7%		3.54%	
3,3'-Dimethylbenzidine	<0.538 ug/L	25.2% / NA	38.3% / 35.8%		6.70%	
3-Methylcholanthrene	<0.330 ug/L	72.6% / NA	75.7% / 75.6%		0.0661%	
4,6-Dinitro-o-cresol	<2.96 ug/L	89.7% / NA	91.0% / 96.2%		5.57%	
4-Aminobiphenyl	<0.199 ug/L	66.7% / NA	84.8% / 92.3%		8.42%	
4-Bromophenyl-phenylether	<1.47 ug/L	78.4% / NA	68.9% / 78.2%		12.6%	
4-Chloro-3-methylphenol	<1.75 ug/L	80.3% / NA	64.2% / 73.0%		12.9%	D
4-Chloroaniline	<0.609 ug/L	68.0% / NA	57.5% / 63.8%		10.3%	
4-Chlorophenyl-phenylether	<1.68 ug/L	82.0% / NA	69.3% / 76.4%		9.69%	
4-Nitroaniline	<0.953 ug/L	91.8% / NA	95.6% / 95.9%		0.311%	
4-Nitrophenol	<2.22 ug/L	73.2% / NA	71.9% / 70.5%		1.95%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	80.4% / NA	89.5% / 90.8%		1.45%	
5-Nitro-o-toluidine	<1.00 ug/L	86.5% / NA	83.0% / 90.7%		8.86%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	92.2% / NA	95.8% / 94.9%		0.992%	
Acenaphthene	<1.88 ug/L	80.7% / NA	66.4% / 73.6%		10.3%	
Acenaphthylene	<1.53 ug/L	84.9% / NA	69.2% / 77.1%		10.8%	
Acetophenone	<0.323 ug/L	72.1% / NA	52.2% / 60.7%		15.1%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec / NA	No Rec / No Rec		NA	NREC
Aniline	<1.48 ug/L	57.4% / NA	45.6% / 52.0%		13.1%	
Anthracene	<0.566 ug/L	83.6% / NA	78.9% / 85.4%		7.93%	
Aramite	<20.0 ug/L	NA / NA	NA / NA		NA	NS
Benzo (a) anthracene	<0.475 ug/L	79.1% / NA	81.9% / 84.4%		3.05%	

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QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B508413 (Water)****Prepared: 21-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 15:55 By: TB**

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
Benzo[a]pyrene	<0.566 ug/L	85.0%	/ NA	88.7%	/ 89.8%		1.21%	
Benzo[b]fluoranthene	<0.482 ug/L	92.2%	/ NA	95.4%	/ 95.4%		0.0902%	
Benzo[g,h,i]perylene	<0.529 ug/L	79.3%	/ NA	81.3%	/ 82.3%		1.18%	
Benzo[k]fluoranthene	<0.516 ug/L	84.0%	/ NA	86.7%	/ 88.9%		2.47%	
Benzyl alcohol	<0.992 ug/L	71.6%	/ NA	49.4%	/ 56.2%		12.9%	D
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	73.9%	/ NA	52.2%	/ 60.0%		13.8%	%D1
Bis(2-chloroethoxy)methane	<1.04 ug/L	94.4%	/ NA	65.9%	/ 79.6%		18.8%	
Bis(2-chloroethyl)ether	<1.46 ug/L	74.7%	/ NA	49.8%	/ 60.1%		18.7%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	81.3%	/ NA	83.3%	/ 84.7%		1.72%	
Butylbenzylphthalate	<1.18 ug/L	86.9%	/ NA	88.6%	/ 89.6%		1.04%	
Chlorobenzilate	<0.321 ug/L	90.9%	/ NA	93.2%	/ 94.4%		1.27%	
Chrysene	<0.489 ug/L	82.3%	/ NA	83.2%	/ 86.4%		3.84%	
Diallylate	<0.713 ug/L	103%	/ NA	90.2%	/ 102%		12.3%	
Dibenz[a,h]anthracene	<0.843 ug/L	79.1%	/ NA	82.3%	/ 82.8%		0.555%	
Dibenzofuran	<1.36 ug/L	82.5%	/ NA	68.2%	/ 76.5%		11.4%	
Diethylphthalate	<0.668 ug/L	87.9%	/ NA	83.1%	/ 87.2%		4.85%	
Dimethoate	<1.00 ug/L	NA	/ NA	NA	/ NA		NA	NS
Dimethylphthalate	<0.516 ug/L	83.8%	/ NA	76.0%	/ 82.6%		8.36%	
Di-n-butylphthalate	<1.33 ug/L	84.8%	/ NA	85.8%	/ 87.0%		1.40%	
Di-n-octylphthalate	<1.43 ug/L	89.4%	/ NA	91.5%	/ 92.8%		1.48%	
Disulfoton	<0.300 ug/L	NA	/ NA	NA	/ NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	73.8%	/ NA	53.6%	/ 63.2%		16.3%	
Famphur	<2.00 ug/L	NA	/ NA	NA	/ NA		NA	NS
Fluoranthene	<0.575 ug/L	80.9%	/ NA	80.0%	/ 85.5%		6.66%	
Fluorene	<1.43 ug/L	83.8%	/ NA	72.4%	/ 80.1%		10.1%	
Hexachlorobenzene	<1.27 ug/L	78.6%	/ NA	71.2%	/ 79.1%		10.4%	
Hexachlorobutadiene	<2.52 ug/L	66.5%	/ NA	48.2%	/ 54.5%		12.3%	
Hexachlorocyclopentadiene	<2.71 ug/L	62.2%	/ NA	50.9%	/ 56.9%		11.1%	
Hexachloroethane	<0.958 ug/L	59.9%	/ NA	41.9%	/ 47.9%		13.5%	
Hexachlorophene	<0.167 ug/L	NA	/ NA	NA	/ NA		NA	E2-A, E21
Hexachloropropene	<0.100 ug/L	63.9%	/ NA	47.1%	/ 52.9%		11.5%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	80.6%	/ NA	82.0%	/ 82.9%		1.10%	
Isodrin	<0.284 ug/L	89.7%	/ NA	86.9%	/ 84.9%		2.34%	
Isophorone	<2.23 ug/L	84.3%	/ NA	57.9%	/ 69.7%		18.5%	
Isosafrole	<0.216 ug/L	34.6%	/ NA	24.9%	/ 28.8%		14.4%	
Kepone	<0.420 ug/L	93.3%	/ NA	141%	/ 123%		14.0%	E-01
m-Dinitrobenzene	<0.359 ug/L	83.2%	/ NA	77.7%	/ 85.3%		9.27%	
Methapyrilene	<3.00 ug/L	NA	/ NA	NA	/ NA		NA	E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	59.0%	/ NA	42.7%	/ 50.0%		15.8%	E2-F
Methyl parathion	<0.230 ug/L	NA	/ NA	NA	/ NA		NA	NS
m-Nitroaniline	<0.308 ug/L	85.1%	/ NA	75.8%	/ 82.5%		8.55%	
Nitrobenzene	<1.42 ug/L	77.1%	/ NA	56.2%	/ 63.9%		12.9%	
N-Nitrosodiethylamine	<0.497 ug/L	66.3%	/ NA	47.9%	/ 55.6%		14.8%	
N-Nitrosodimethylamine	<0.372 ug/L	48.5%	/ NA	34.1%	/ 39.2%		13.9%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	73.8%	/ NA	54.8%	/ 64.7%		16.5%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	79.7%	/ NA	57.1%	/ 64.0%		11.4%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	77.8%	/ NA	71.6%	/ 77.8%		8.34%	

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508413 (Water)

Prepared: 21-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 15:55 By: TB

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
N-Nitrosomethylethylamine	<0.244 ug/L	66.1%	/ NA	46.7%	/ 52.2%		11.1%	
N-Nitrosomorpholine	<1.00 ug/L	76.0%	/ NA	55.1%	/ 64.3%		15.3%	
N-Nitrosopiperidine	<0.298 ug/L	79.8%	/ NA	57.2%	/ 65.9%		14.0%	
N-Nitrosopyrrolidine	<1.00 ug/L	66.9%	/ NA	50.4%	/ 58.4%		14.8%	
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	79.4%	/ NA	79.3%	/ 82.7%		4.12%	
o-Toluidine	<0.196 ug/L	62.2%	/ NA	45.2%	/ 52.1%		14.3%	
Parathion	<0.224 ug/L	NA	/ NA	NA	/ NA		NA	NS
p-Dimethylaminoazobenzene	<0.259 ug/L	83.0%	/ NA	82.5%	/ 83.3%		0.984%	
Pentachlorobenzene	<0.133 ug/L	79.5%	/ NA	62.9%	/ 75.3%		18.0%	
Pentachloroethane	<5.68 ug/L	55.8%	/ NA	40.5%	/ 47.8%		16.5%	J
Pentachloronitrobenzene	<0.258 ug/L	94.7%	/ NA	96.8%	/ 98.4%		1.64%	
Pentachlorophenol	<1.28 ug/L	88.9%	/ NA	84.7%	/ 86.2%		1.73%	
Phenacetin	<0.200 ug/L	93.6%	/ NA	94.3%	/ 95.8%		1.57%	
Phenanthrene	<0.572 ug/L	83.1%	/ NA	76.7%	/ 84.3%		9.46%	
Phenol	<0.348 ug/L	44.4%	/ NA	30.8%	/ 34.6%		11.5%	
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	87.7%	/ NA	89.3%	/ 91.8%		2.77%	
Pyrene	<0.489 ug/L	82.0%	/ NA	82.3%	/ 86.7%		5.24%	
Pyridine	<1.39 ug/L	32.5%	/ NA	23.5%	/ 26.8%		13.2%	
Safrole	<0.484 ug/L	150%	/ NA	115%	/ 130%		12.6%	
Sulfotep	<0.344 ug/L	NA	/ NA	NA	/ NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	73.7%	/ NA	74.2%	/ 76.5%		2.97%	
2,4,6-Tribromophenol [surr]	81.0 %	83.4%	/ NA	76.9%	/ 85.1%		NA	
2-Fluorobiphenyl [surr]	80.7 %	80.1%	/ NA	62.9%	/ 70.4%		NA	
2-Fluorophenol [surr]	58.9 %	58.6%	/ NA	38.5%	/ 43.4%		NA	
Nitrobenzene-d5 [surr]	83.3 %	80.7%	/ NA	58.0%	/ 65.9%		NA	
Phenol-d5 [surr]	45.0 %	45.7%	/ NA	31.0%	/ 35.0%		NA	
Terphenyl-d14 [surr]	109 %	102%	/ NA	99.8%	/ 104%		NA	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 20-Aug-25 15:36

QUALITY CONTROL RESULTS

Volatiles -- Batch: B508414 (Water)

Prepared: 21-Aug-25 07:46 By: TB -- Analyzed: 21-Aug-25 11:54 By: tb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	96.9% / NA	97.5% / 98.3%		0.748%	
1,1,1-Trichloroethane	<0.261 ug/L	97.2% / NA	101% / 97.4%		3.82%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	98.8% / NA	103% / 99.4%		3.89%	
1,1,2-Trichloroethane	<0.210 ug/L	91.6% / NA	96.4% / 95.4%		1.04%	
1,1-Dichloroethane	<0.248 ug/L	102% / NA	109% / 110%		0.588%	
1,1-Dichloroethene	<0.303 ug/L	102% / NA	106% / 104%		1.97%	
1,2,3-Trichloropropane	<0.471 ug/L	85.9% / NA	88.4% / 87.4%		1.08%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	93.3% / NA	99.0% / 96.8%		2.29%	
1,2-Dibromoethane	<0.250 ug/L	90.8% / NA	94.7% / 95.6%		0.967%	
1,2-Dichlorobenzene	<0.173 ug/L	96.3% / NA	90.4% / 91.7%		1.36%	
1,2-Dichloroethane	<0.235 ug/L	97.4% / NA	104% / 101%		2.63%	
1,2-Dichloropropane	<0.259 ug/L	102% / NA	104% / 107%		2.79%	
1,3-Dichlorobenzene	<0.220 ug/L	96.8% / NA	90.2% / 90.4%		0.236%	
1,4-Dichlorobenzene	<0.158 ug/L	96.3% / NA	90.0% / 90.7%		0.778%	
2-Butanone	<0.461 ug/L	117% / NA	124% / 121%		2.29%	
2-Hexanone	<0.372 ug/L	118% / NA	126% / 129%		2.31%	
4-Methyl-2-pentanone	<0.281 ug/L	117% / NA	128% / 127%		0.171%	
Acetone	<1.49 ug/L	123% / NA	120% / 102%		14.2%	E-01
Acetonitrile	<12.4 ug/L	95.7% / NA	104% / 104%		0.219%	
Acrolein	<1.00 ug/L	107% / NA	117% / 113%		4.13%	
Acrylonitrile	<0.389 ug/L	110% / NA	115% / 115%		0.220%	
Allyl chloride	<0.539 ug/L	103% / NA	105% / 104%		0.383%	
Benzene	<0.263 ug/L	99.9% / NA	106% / 106%		0.292%	
Bromodichloromethane	<0.195 ug/L	97.2% / NA	102% / 101%		0.263%	
Bromoform	<0.278 ug/L	95.1% / NA	93.3% / 95.4%		2.24%	
Bromomethane	<0.530 ug/L	98.7% / NA	102% / 103%		1.28%	
Carbon disulfide	<0.300 ug/L	110% / NA	115% / 113%		1.49%	
Carbon Tetrachloride	<0.484 ug/L	95.3% / NA	99.4% / 97.4%		1.98%	
Chlorobenzene	<0.181 ug/L	93.3% / NA	93.6% / 95.5%		1.99%	
Chloroethane	<0.392 ug/L	104% / NA	113% / 111%		2.07%	
Chloroform	<0.244 ug/L	99.6% / NA	104% / 102%		2.47%	
Chloromethane	<0.155 ug/L	101% / NA	108% / 107%		0.995%	
Chloroprene	<1.00 ug/L	102% / NA	104% / 103%		1.28%	E2-F
cis-1,3-Dichloropropene	<0.123 ug/L	92.5% / NA	95.0% / 98.8%		3.93%	
Dibromochloromethane	<0.202 ug/L	89.3% / NA	95.5% / 93.5%		2.10%	
Dibromomethane	<0.174 ug/L	91.7% / NA	96.3% / 96.3%		0.0357%	
Dichlorodifluoromethane	<0.266 ug/L	93.7% / NA	99.3% / 98.1%		1.24%	
Ethyl Methacrylate	<0.843 ug/L	94.0% / NA	101% / 102%		0.658%	
Ethylbenzene	<0.274 ug/L	97.7% / NA	96.7% / 96.2%		0.532%	
Iodomethane	<0.432 ug/L	88.1% / NA	91.3% / 94.4%		3.33%	
Isobutyl alcohol	<1.68 ug/L	91.1% / NA	103% / 104%		0.367%	
m,p-Xylene	<0.500 ug/L	97.6% / NA	94.3% / 95.5%		1.30%	
Methacrylonitrile	<3.29 ug/L	102% / NA	107% / 107%		0.301%	
Methyl Methacrylate	<0.806 ug/L	88.2% / NA	98.8% / 100%		1.59%	
Methylene Chloride	0.357 ug/L	98.4% / NA	100% / 99.6%		0.818%	B, J
Naphthalene	<0.114 ug/L	92.5% / NA	86.3% / 87.9%		1.84%	
o-Xylene	<0.206 ug/L	97.1% / NA	93.6% / 95.1%		1.67%	
Propionitrile	<2.28 ug/L	97.9% / NA	103% / 105%		2.04%	

Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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QUALITY CONTROL RESULTS

Volatiles -- Batch: B508414 (Water)

Prepared: 21-Aug-25 07:46 By: TB -- Analyzed: 21-Aug-25 11:54 By: tb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	93.5% / NA	92.8% / 94.4%		1.68%	
Tetrachloroethene	<0.268 ug/L	96.7% / NA	96.1% / 96.4%		0.341%	
Toluene	<0.295 ug/L	98.2% / NA	101% / 103%		2.10%	
trans-1,2-Dichloroethene	<0.320 ug/L	98.4% / NA	105% / 103%		1.53%	
trans-1,3-Dichloropropene	<0.155 ug/L	90.5% / NA	93.6% / 94.8%		1.22%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	101% / NA	103% / 107%		3.37%	
Trichloroethene	<0.306 ug/L	93.0% / NA	96.2% / 98.7%		2.57%	
Trichlorofluoromethane	<0.423 ug/L	102% / NA	109% / 104%		4.84%	
Vinyl acetate	<0.880 ug/L	141% / NA	163% / 167%		2.10%	E-01
Vinyl chloride	<0.369 ug/L	105% / NA	114% / 111%		2.21%	
1,2-Dichloroethane-d4 [surr]	107 %	108% / NA	108% / 107%		NA	
4-Bromofluorobenzene [surr]	100 %	101% / NA	99.2% / 97.6%		NA	
Toluene-d8 [surr]	104 %	103% / NA	105% / 105%		NA	

Total Metals -- Batch: B508415 (Water)

Prepared: 25-Aug-21 09:17 By: KAW -- Analyzed: 21-Aug-25 10:16 By: KAW

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	104% / NA	101% / 106%		5.45%	

Wet Chemistry -- Batch: B508417 (Water)

Prepared: 20-Aug-25 13:00 By: KJ -- Analyzed: 21-Aug-25 09:44 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.0203 mg/L	98.5% / 95.5%	88.5% / NA		3.09%	

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QUALITY CONTROL RESULTS
Pesticides -- Batch: B508421 (Water)
Prepared: 21-Aug-25 11:16 By: MB -- Analyzed: 28-Aug-25 10:32 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>
4,4'-DDD	<0.009 ug/L	72.7% / NA	69.1% / 75.4%		8.63%	
4,4'-DDE	<0.004 ug/L	58.4% / NA	49.4% / 58.4%		16.7%	D
4,4'-DDT	<0.004 ug/L	60.6% / NA	59.8% / 63.2%		5.62%	
Aldrin	<0.003 ug/L	57.0% / NA	42.8% / 47.4%		10.3%	
alpha-BHC	<0.003 ug/L	51.1% / NA	38.0% / 51.4%		30.0%	D
beta-BHC	<0.005 ug/L	62.4% / NA	36.2% / 43.9%		19.2%	D, J
delta-BHC	<0.002 ug/L	62.7% / NA	46.7% / 55.0%		16.5%	D, J
Dieldrin	<0.004 ug/L	63.8% / NA	55.5% / 64.8%		15.5%	D
Endosulfan I	<0.003 ug/L	88.2% / NA	65.1% / 81.1%		21.8%	D
Endosulfan II	<0.005 ug/L	60.2% / NA	58.3% / 64.0%		9.32%	
Endosulfan sulfate	<0.004 ug/L	64.6% / NA	64.3% / 69.2%		7.32%	
Endrin	<0.006 ug/L	66.0% / NA	54.3% / 64.1%		16.5%	D
Endrin aldehyde	<0.021 ug/L	68.2% / NA	64.5% / 71.1%		9.73%	J
gamma-BHC (Lindane)	<0.002 ug/L	90.6% / NA	58.7% / 64.5%		9.35%	
Heptachlor	<0.003 ug/L	57.1% / NA	35.3% / 41.1%		15.1%	
Heptachlor epoxide	<0.002 ug/L	59.0% / NA	44.9% / 55.1%		20.4%	D
Methoxychlor	<0.020 ug/L	62.9% / NA	64.2% / 67.8%		5.39%	
DCBP [surr]	74.3 %	56.8% / NA	41.9% / 45.8%		NA	
TCMX [surr]	68.1 %	38.1% / NA	30.0% / 36.1%		NA	

Wet Chemistry -- Batch: B508422 (Water)
Prepared: 21-Aug-25 11:20 By: CGF -- Analyzed: 21-Aug-25 11:20 By: CGF

<u>Analyte</u>	<u>BLK</u>	<u>LCS / LCSD</u>	<u>MS / MSD</u>	<u>Dup</u>	<u>RPD</u>	<u>Qualifiers</u>
pH	NA	101% / 101%	NA / NA		0.00%	

Anions -- Batch: B508440 (Water)
Prepared: 22-Aug-25 07:46 By: MB -- Analyzed: 22-Aug-25 10:59 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	101% / NA	100% / 91.4%		9.22%	

Wet Chemistry -- Batch: B508455 (Water)
Prepared: 22-Aug-25 11:02 By: KJ -- Analyzed: 22-Aug-25 11:02 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>
Cyanide (total)	<0.002 mg/L	94.0% / 96.0%	91.0% / NA		2.11%	

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QUALITY CONTROL RESULTS

PCBs -- Batch: B508474 (Water)

Prepared: 25-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 16:15 By: mb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	130% / NA	134% / 135%		1.10%	
Aroclor-1260	<0.0396 ug/L	118% / NA	118% / 115%		2.59%	
DCBP [surr]	72.5 %	93.0% / NA	134% / 126%		NA	
TCMX [surr]	100 %	104% / NA	121% / 111%		NA	

Total Metals -- Batch: B508475 (Water)

Prepared: 25-Aug-25 08:38 By: ST -- Analyzed: 26-Aug-25 12:46 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	101% / NA	98.0% / 98.1%		0.0692%	
Arsenic	<0.052 ug/L	97.4% / NA	97.4% / 98.3%		0.926%	
Barium	<0.078 ug/L	102% / NA	97.9% / 98.2%		0.194%	
Beryllium	<0.074 ug/L	103% / NA	82.9% / 83.1%		0.230%	
Cadmium	<0.038 ug/L	99.2% / NA	101% / 100%		0.914%	
Chromium	<0.0751 ug/L	96.5% / NA	95.5% / 96.5%		1.01%	
Cobalt	<0.035 ug/L	95.4% / NA	94.5% / 95.4%		1.03%	
Copper	<0.149 ug/L	97.6% / NA	95.3% / 97.3%		2.04%	
Lead	<0.115 ug/L	103% / NA	98.4% / 98.7%		0.327%	
Nickel	<0.42 ug/L	102% / NA	98.3% / 99.9%		1.59%	
Selenium	<1.50 ug/L	94.8% / NA	96.8% / 98.4%		1.66%	
Silver	<0.099 ug/L	94.2% / NA	95.0% / 95.9%		1.02%	
Thallium	<0.035 ug/L	104% / NA	99.5% / 99.7%		0.198%	
Tin	<1.62 ug/L	98.3% / NA	96.2% / 96.1%		0.0243%	
Vanadium	<0.042 ug/L	96.8% / NA	93.4% / 99.8%		6.66%	
Zinc	<4.89 ug/L	114% / NA	104% / 107%		3.04%	

Herbicides -- Batch: B508485 (Water)

Prepared: 25-Aug-25 10:09 By: MB -- Analyzed: 25-Aug-25 18:12 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	71.1% / NA	77.3% / 67.0%		14.3%	J
2,4-D	<0.964 ug/L	63.6% / NA	53.3% / 42.3%		23.1%	
DCAA [surr]	78.6 %	59.3% / NA	101% / 76.7%		NA	

16 September 2025



Cole Clark
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Project: Groundwater Samples - Appendix IX
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QUALIFIER(S)

*%D1:	Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*B:	Analyte Is Found In The Associated Blank
*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
*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).
*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.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

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					
			Telephone: 870-245-2720		5 Day (Routine)	TEST PARAMETERS											
Attn: Cole Clark			Fax: 870-246-7344		Preservative Code:	1	1,6, Zn Acetate	1,6	1,5	1,3	1	1	1	1	Bottle Type Code		
			Email: SEE BELOW		Bottle Type:	P	P	P	GV	P	GA	GA	GA	GA	G = Glass; P = Plastic 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 (8020-Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Ni, Se, Ag, Ti, Sn, V, Zn), (7470A-Hg)	Appendix IX Herbicides (8151)	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 Date/s Time/s		Grab	Comp	Number of Bottles	Sample Matrix	IDENTIFICATION/ DESCRIPTION									2508408	
	8-20-25	855	X		12	Water	27-PZ-2									01	
	8-20-25	928	X		12	Water	24-PZ-2									02	
	8-20-25	1100	X		12	Water	26-PZ-2									03	
	8-20-25	1358	X		12	Water	25-PZ-2									04	
	8-20-25	1020	X		12	Water	MW-24									05	
			X		12	Water											
			X		12	Water											
			X		12	Water											
			X		12	Water											
			X		12	Water											
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS				
8/20/25			1536				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				
			8-20-25		Natasha Howard		5. TEMPERATURE ON RECEIPT: 3 °C						Matt Acree - Matt.Acree@terracon.com				
			15:36				6. TEMPERATURE GUN ID: HHT# 6										
FOR COMPLETION BY LAB ONLY																	



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

16 September 2025

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2025

SDG Number: 2508432

Enclosed are the results of analyses for samples received by the laboratory on 21-Aug-25 15:40. 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	2.0°C

Sincerely,

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

Norma James
Technical Director

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Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

CASE NARRATIVE

Sample Delivery Group – 2508432

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

pH QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.

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).

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
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E2-A	Absence of Second Source

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/NREC	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 and/or NREC (No Recovery)).
%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 failed: No Recovery.
NS	Quality Control failed: Not Spiked.

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ANALYTICAL RESULTS

Lab Number: 2508432-01
Sample Name: MW-18
Date/Time Collected: 8/21/25 8:51
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	0.246	J	8/26/25 15:11	B508510	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		8/25/25 21:33	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 21:33	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 21:33	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 21:33	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	106		8/25/25 21:33	B508485	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		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 22:13	B508474	EPA 608/SW 8082A
TCMX [surr]	%	123		8/25/25 22:13	B508474	EPA 608/SW 8082A
DCBP [surr]	%	136		8/25/25 22:13	B508474	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		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	49.7		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	74.1		8/28/25 16:20	B508484	SW 8081B, Rev 2, 2007

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number: 2508432-01
Sample Name: MW-18
Date/Time Collected: 8/21/25 8:51
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-01					
Sample Name:		MW-18					
Date/Time Collected:		8/21/25 8:51					
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>
Aniline	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 14:12		B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-01					
Sample Name:		MW-18					
Date/Time Collected:		8/21/25 8:51					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	85.6		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	83.7		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	55.9		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	82.1		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	42.2		8/27/25 14:12	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	125		8/27/25 14:12	B508498	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>	

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ANALYTICAL RESULTS

Lab Number: 2508432-01
Sample Name: MW-18
Date/Time Collected: 8/21/25 8:51
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	J	8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.203		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	9.36		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:27	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 14:02	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:02	B508475	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		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006

Cole Clark
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ANALYTICAL RESULTS

Lab Number: 2508432-01
Sample Name: MW-18
Date/Time Collected: 8/21/25 8:51
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>
Bromomethane	ug/L	< 2.00	E2-F	8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.231		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00	B, J	8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.2		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	101		8/22/25 11:46	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/22/25 11:46	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.36		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	26.1		8/22/25 9:05	B508445	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508432-02
Sample Name: MW-4
Date/Time Collected: 8/21/25 9:37
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	0.278	J	8/26/25 15:33	B508510	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		8/25/25 21:51	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 21:51	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 21:51	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 21:51	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	94.4		8/25/25 21:51	B508485	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		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 22:45	B508474	EPA 608/SW 8082A
TCMX [surr]	%	122		8/25/25 22:45	B508474	EPA 608/SW 8082A
DCBP [surr]	%	126		8/25/25 22:45	B508474	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		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	42.6		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	79.9		8/28/25 16:38	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508432-02				
Sample Name:		MW-4				
Date/Time Collected:		8/21/25 9:37				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-02				
Sample Name:		MW-4				
Date/Time Collected:		8/21/25 9:37				
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>
Aniline	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number:		2508432-02					
Sample Name:		MW-4					
Date/Time Collected:		8/21/25 9:37					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	75.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	65.7		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	48.1		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	68.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	37.0		8/27/25 14:35	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	116		8/27/25 14:35	B508498	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>	

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number: 2508432-02
Sample Name: MW-4
Date/Time Collected: 8/21/25 9:37
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	1.56		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	27.1		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.450		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.118	J	8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:30	B508503	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	< 1.56		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:32	B508475	SW 6020B, Rev 2-2014
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number: 2508432-02
Sample Name: MW-4
Date/Time Collected: 8/21/25 9:37
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>
Bromomethane	ug/L	< 2.00	E2-F	8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.9		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	103		8/22/25 12:11	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/22/25 12:11	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.23		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	26.6		8/22/25 9:05	B508445	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508432-03
Sample Name: MW-6
Date/Time Collected: 8/21/25 10:21
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	0.514		8/26/25 16:37	B508510	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		8/25/25 22:10	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 22:10	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 22:10	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 22:10	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	99.0		8/25/25 22:10	B508485	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		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 23:18	B508474	EPA 608/SW 8082A
TCMX [surr]	%	133		8/25/25 23:18	B508474	EPA 608/SW 8082A
DCBP [surr]	%	116		8/25/25 23:18	B508474	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		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	59.4		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	67.6		8/28/25 16:56	B508484	SW 8081B, Rev 2, 2007

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number:		2508432-03				
Sample Name:		MW-6				
Date/Time Collected:		8/21/25 10:21				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-03				
Sample Name:		MW-6				
Date/Time Collected:		8/21/25 10:21				
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>
Aniline	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-03					
Sample Name:		MW-6					
Date/Time Collected:		8/21/25 10:21					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	84.5		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	73.9		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	49.3		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	74.1		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	38.4		8/27/25 14:58	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	118		8/27/25 14:58	B508498	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>	

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ANALYTICAL RESULTS

Lab Number: 2508432-03
Sample Name: MW-6
Date/Time Collected: 8/21/25 10:21
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		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	7.51		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	79.0		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.0759	J	8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	1.88		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.182	J	8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:40	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	1.22	J	8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.063	J	8/26/25 14:36	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:36	B508475	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		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006

Cole Clark
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500 East Reynolds Rd.
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ANALYTICAL RESULTS

Lab Number: 2508432-03
Sample Name: MW-6
Date/Time Collected: 8/21/25 10:21
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>
Bromomethane	ug/L	< 2.00	E2-F	8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.229		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00	B, J	8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.2		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	102		8/22/25 12:36	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.8		8/22/25 12:36	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.29		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	27.0		8/22/25 9:05	B508445	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508432-04
Sample Name: MW-8
Date/Time Collected: 8/21/25 11:11
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	0.830		8/26/25 16:58	B508510	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		8/25/25 22:28	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 22:28	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 22:28	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 22:28	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	100		8/25/25 22:28	B508485	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		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/25/25 23:50	B508474	EPA 608/SW 8082A
TCMX [surr]	%	126		8/25/25 23:50	B508474	EPA 608/SW 8082A
DCBP [surr]	%	134		8/25/25 23:50	B508474	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		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	46.2		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	76.5		8/28/25 17:15	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508432-04				
Sample Name:		MW-8				
Date/Time Collected:		8/21/25 11:11				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-04				
Sample Name:		MW-8				
Date/Time Collected:		8/21/25 11:11				
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>
Aniline	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number:		2508432-04				
Sample Name:		MW-8				
Date/Time Collected:		8/21/25 11:11				
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>
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0	E5	8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	71.9		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	62.9		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	43.0		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	65.5		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	33.7		8/27/25 15:21	B508498	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	115		8/27/25 15:21	B508498	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>

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ANALYTICAL RESULTS

Lab Number: 2508432-04
Sample Name: MW-8
Date/Time Collected: 8/21/25 11:11
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		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	1.74		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	52.5		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.075	J	8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	1.05		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.211	J	8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:43	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	1.22	J	8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.656		8/26/25 14:39	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:39	B508475	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		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	1.56	J	8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508432-04
Sample Name: MW-8
Date/Time Collected: 8/21/25 11:11
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>
Bromomethane	ug/L	< 2.00	E2-F	8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.223		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00	B, J	8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	102		8/22/25 13:00	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/22/25 13:00	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.41		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	27.2		8/22/25 9:05	B508445	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508432-05
Sample Name: MW-29
Date/Time Collected: 8/21/25 12:12
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	0.418	J	8/26/25 17:20	B508510	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		8/25/25 14:50	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/25/25 14:50	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/25/25 14:50	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/25/25 14:50	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	98.8		8/25/25 14:50	B508485	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		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/26/25 0:23	B508474	EPA 608/SW 8082A
TCMX [surr]	%	125		8/26/25 0:23	B508474	EPA 608/SW 8082A
DCBP [surr]	%	130		8/26/25 0:23	B508474	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		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	49.4		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	63.0		8/28/25 17:34	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number: 2508432-05
Sample Name: MW-29
Date/Time Collected: 8/21/25 12:12
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 15:44	B508498	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: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number:		2508432-05				
Sample Name:		MW-29				
Date/Time Collected:		8/21/25 12:12				
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>
Aniline	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-05					
Sample Name:		MW-29					
Date/Time Collected:		8/21/25 12:12					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	69.5		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	62.3		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	45.2		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	65.4		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	35.8		8/27/25 15:44	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	122		8/27/25 15:44	B508498	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>	

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ANALYTICAL RESULTS

Lab Number: 2508432-05
Sample Name: MW-29
Date/Time Collected: 8/21/25 12:12
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		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	10.0		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:46	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		8/26/25 14:43	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:43	B508475	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		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	1.69	J	8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508432-05
Sample Name: MW-29
Date/Time Collected: 8/21/25 12:12
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>
Bromomethane	ug/L	< 2.00	E2-F	8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.232	B, J	8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.5		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.6		8/22/25 13:25	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.5		8/22/25 13:25	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.18		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	27.8		8/22/25 9:05	B508445	SM 2550 B-2010

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number: 2508432-06
Sample Name: MW-30
Date/Time Collected: 8/21/25 12:40
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	0.250	J	8/26/25 17:41	B508510	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		8/26/25 15:09	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 15:09	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 15:09	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 15:09	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	95.8		8/26/25 15:09	B508485	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		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/26/25 0:55	B508474	EPA 608/SW 8082A
TCMX [surr]	%	126		8/26/25 0:55	B508474	EPA 608/SW 8082A
DCBP [surr]	%	117		8/26/25 0:55	B508474	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		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	46.1		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	42.4		8/28/25 17:52	B508484	SW 8081B, Rev 2, 2007

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Project: Groundwater Samples - Appendix IX

Project Number: August 2025

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ANALYTICAL RESULTS

Lab Number:		2508432-06				
Sample Name:		MW-30				
Date/Time Collected:		8/21/25 12:40				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-06					
Sample Name:		MW-30					
Date/Time Collected:		8/21/25 12:40					
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>
Aniline	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25	16:07	B508498	SW 8270E, Rev. 6, 2018

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Lab Number:		2508432-06					
Sample Name:		MW-30					
Date/Time Collected:		8/21/25 12:40					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	78.9		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	77.2		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	52.3		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	78.0		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	40.8		8/27/25 16:07	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	118		8/27/25 16:07	B508498	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number: 2508432-06
Sample Name: MW-30
Date/Time Collected: 8/21/25 12:40
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.215	J	8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	14.2		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.050	J	8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.302		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.151	J	8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.210	J	8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.235	J	8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:50	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.467		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:47	B508475	SW 6020B, Rev 2-2014
Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508432-06
Sample Name: MW-30
Date/Time Collected: 8/21/25 12:40
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>
Bromomethane	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.243	B, J	8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	100		8/22/25 13:49	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.7		8/22/25 13:49	B508446	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		8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.23	E2	8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	26.8		8/22/25 9:05	B508445	SM 2550 B-2010

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508432-07
Sample Name: MW-31
Date/Time Collected: 8/21/25 12:55
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	0.433	J	8/26/25 18:03	B508510	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		8/26/25 15:27	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 15:27	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 15:27	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 15:27	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	99.3		8/26/25 15:27	B508485	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		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/26/25 1:28	B508474	EPA 608/SW 8082A
TCMX [surr]	%	123		8/26/25 1:28	B508474	EPA 608/SW 8082A
DCBP [surr]	%	149		8/26/25 1:28	B508474	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		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	48.9		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	66.9		8/28/25 18:11	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508432-07				
Sample Name:		MW-31				
Date/Time Collected:		8/21/25 12:55				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-07				
Sample Name:		MW-31				
Date/Time Collected:		8/21/25 12:55				
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>
Aniline	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-07					
Sample Name:		MW-31					
Date/Time Collected:		8/21/25 12:55					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	87.4		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	80.2		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	54.5		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	79.8		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	42.3		8/27/25 16:30	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	125		8/27/25 16:30	B508498	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>	

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ANALYTICAL RESULTS

Lab Number: 2508432-07
Sample Name: MW-31
Date/Time Collected: 8/21/25 12:55
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		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.212	J	8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	52.1		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.072	J	8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.139	J	8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.551		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.264	J	8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.210	J	8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:53	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	1.86		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.335		8/26/25 14:51	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	5.39	J	8/26/25 14:51	B508475	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		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006

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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	E2-F	8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.6	E2	8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	101		8/22/25 14:14	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/22/25 14:14	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.21		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021

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Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number:	2508432-07					
Sample Name:	MW-31					
Date/Time Collected:	8/21/25 12:55					
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	25.8		8/22/25 9:05	B508445	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508432-08
Sample Name: 31-PZ-2
Date/Time Collected: 8/21/25 13:15
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	0.359	J	8/26/25 18:24	B508510	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		8/26/25 15:45	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 15:45	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 15:45	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 15:45	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	92.2		8/26/25 15:45	B508485	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		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/26/25 2:01	B508474	EPA 608/SW 8082A
TCMX [surr]	%	133		8/26/25 2:01	B508474	EPA 608/SW 8082A
DCBP [surr]	%	134		8/26/25 2:01	B508474	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		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	65.9		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	97.0		8/28/25 18:30	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508432-08				
Sample Name:		31-PZ-2				
Date/Time Collected:		8/21/25 13:15				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-08					
Sample Name:		31-PZ-2					
Date/Time Collected:		8/21/25 13:15					
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>	
Aniline	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	

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ANALYTICAL RESULTS

Lab Number:		2508432-08					
Sample Name:		31-PZ-2					
Date/Time Collected:		8/21/25 13:15					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	90.9		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	82.1		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	59.2		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	84.0		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	44.9		8/27/25 16:52	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	128		8/27/25 16:52	B508498	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>	

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number: 2508432-08
Sample Name: 31-PZ-2
Date/Time Collected: 8/21/25 13:15
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	0.940	J	8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.868		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	19.9		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.537		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.397		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	1.06		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	1.04		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	2.72		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 13:56	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	5.04		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	3.09		8/26/25 14:54	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	5.39	J	8/26/25 14:54	B508475	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		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508432-08
Sample Name: 31-PZ-2
Date/Time Collected: 8/21/25 13:15
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	E2-F	8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.0	E2	8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	99.3		8/22/25 18:55	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.8		8/22/25 18:55	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.59		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021

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ANALYTICAL RESULTS

Lab Number: 2508432-08
Sample Name: 31-PZ-2
Date/Time Collected: 8/21/25 13:15
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	26.2		8/22/25 9:05	B508445	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508432-09
Sample Name: MW-1A
Date/Time Collected: 8/21/25 14:05
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	0.517		8/26/25 18:46	B508510	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		8/26/25 16:04	B508485	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 16:04	B508485	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 16:04	B508485	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 16:04	B508485	SW 8151A, Rev 1 1996
DCAA [surr]	%	80.1		8/26/25 16:04	B508485	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		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/26/25 2:33	B508474	EPA 608/SW 8082A
TCMX [surr]	%	136		8/26/25 2:33	B508474	EPA 608/SW 8082A
DCBP [surr]	%	138		8/26/25 2:33	B508474	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		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	65.4		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	73.7		8/28/25 18:49	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508432-09				
Sample Name:		MW-1A				
Date/Time Collected:		8/21/25 14:05				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

ANALYTICAL RESULTS

Lab Number:		2508432-09				
Sample Name:		MW-1A				
Date/Time Collected:		8/21/25 14:05				
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>
Aniline	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508432-09					
Sample Name:		MW-1A					
Date/Time Collected:		8/21/25 14:05					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	84.9		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	75.2		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	48.8		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	75.3		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	37.0		8/27/25 17:15	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	122		8/27/25 17:15	B508498	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>	

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508432-09
Sample Name: MW-1A
Date/Time Collected: 8/21/25 14:05
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	1.45	J	8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.613		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Barium	ug/L	60.0		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Chromium	ug/L	0.941		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Copper	ug/L	0.574		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Lead	ug/L	0.172	J	8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 14:00	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Vanadium	ug/L	1.25		8/26/25 14:58	B508475	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		8/26/25 14:58	B508475	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		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508432-09
Sample Name: MW-1A
Date/Time Collected: 8/21/25 14:05
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>
Bromomethane	ug/L	< 2.00	E2-F	8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	100		8/22/25 15:12	B508446	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/22/25 15:12	B508446	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	E2	8/22/25 11:02	B508455	SM 4500-CN B,C,E,G 2021
pH	S.U.	7.55		8/22/25 9:05	B508445	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	25.9		8/22/25 9:05	B508445	SM 2550 B-2010

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QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B508445 (Water)

Prepared: 22-Aug-25 09:39 By: CGF -- Analyzed: 22-Aug-25 09:39 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	NA / NA	NA / NA		0.142%	

Volatiles -- Batch: B508446 (Water)

Prepared: 22-Aug-25 09:05 By: TB -- Analyzed: 22-Aug-25 19:44 By: tb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	95.2% / NA	102% / 99.6%		1.99%	
1,1,1-Trichloroethane	<0.261 ug/L	90.2% / NA	94.0% / 91.4%		2.80%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	97.0% / NA	101% / 97.4%		3.64%	
1,1,2-Trichloroethane	<0.210 ug/L	90.1% / NA	98.8% / 93.3%		5.64%	
1,1-Dichloroethane	<0.248 ug/L	101% / NA	109% / 103%		5.53%	
1,1-Dichloroethene	<0.303 ug/L	93.5% / NA	95.7% / 95.4%		0.316%	
1,2,3-Trichloropropane	<0.471 ug/L	85.2% / NA	94.6% / 86.6%		8.85%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	89.5% / NA	89.4% / 93.9%		4.83%	
1,2-Dibromoethane	<0.250 ug/L	87.9% / NA	94.1% / 91.1%		3.21%	
1,2-Dichlorobenzene	<0.173 ug/L	90.4% / NA	98.2% / 93.5%		4.89%	
1,2-Dichloroethane	<0.235 ug/L	99.0% / NA	106% / 104%		1.95%	
1,2-Dichloropropane	<0.259 ug/L	104% / NA	114% / 108%		5.42%	
1,3-Dichlorobenzene	<0.220 ug/L	91.7% / NA	96.3% / 92.7%		3.77%	
1,4-Dichlorobenzene	<0.158 ug/L	91.3% / NA	97.8% / 92.8%		5.31%	
2-Butanone	<0.461 ug/L	108% / NA	106% / 106%		0.191%	
2-Hexanone	<0.372 ug/L	115% / NA	123% / 115%		6.72%	
4-Methyl-2-pentanone	<0.281 ug/L	115% / NA	123% / 119%		3.30%	
Acetone	<1.49 ug/L	90.1% / NA	100% / 90.5%		9.91%	
Acetonitrile	<12.4 ug/L	88.0% / NA	93.6% / 86.4%		7.98%	
Acrolein	<1.00 ug/L	128% / NA	128% / 128%		0.765%	
Acrylonitrile	<0.389 ug/L	119% / NA	119% / 114%		4.36%	
Allyl chloride	<0.539 ug/L	83.1% / NA	87.4% / 83.6%		4.50%	
Benzene	<0.263 ug/L	94.0% / NA	98.1% / 95.2%		2.93%	
Bromodichloromethane	<0.195 ug/L	95.4% / NA	101% / 96.3%		4.51%	
Bromoform	<0.278 ug/L	95.6% / NA	92.4% / 93.0%		0.628%	
Bromomethane	<0.530 ug/L	102% / NA	106% / 106%		0.518%	
Carbon disulfide	<0.300 ug/L	106% / NA	108% / 106%		2.06%	
Carbon Tetrachloride	<0.484 ug/L	90.6% / NA	95.6% / 92.3%		3.48%	
Chlorobenzene	<0.181 ug/L	92.0% / NA	101% / 96.0%		4.63%	
Chloroethane	<0.392 ug/L	109% / NA	122% / 117%		3.87%	
Chloroform	<0.244 ug/L	92.9% / NA	97.9% / 97.8%		0.143%	
Chloromethane	<0.155 ug/L	112% / NA	117% / 116%		1.18%	
Chloroprene	<1.00 ug/L	83.0% / NA	MBI / MBI		6.67%	E2-F, MBI
cis-1,3-Dichloropropene	<0.123 ug/L	91.1% / NA	94.0% / 89.6%		4.81%	
Dibromochloromethane	<0.202 ug/L	91.6% / NA	91.6% / 86.3%		5.97%	
Dibromomethane	<0.174 ug/L	90.9% / NA	97.2% / 93.9%		3.41%	
Dichlorodifluoromethane	<0.266 ug/L	114% / NA	118% / 115%		2.84%	
Ethyl Methacrylate	<0.843 ug/L	94.0% / NA	106% / 96.8%		8.66%	
Ethylbenzene	<0.274 ug/L	97.0% / NA	105% / 99.7%		4.79%	
Iodomethane	<0.432 ug/L	85.7% / NA	73.1% / 77.4%		5.72%	

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QUALITY CONTROL RESULTS
Volatiles -- Batch: B508446 (Water)
Prepared: 22-Aug-25 09:05 By: TB -- Analyzed: 22-Aug-25 19:44 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>
Isobutyl alcohol	<1.68 ug/L	90.1% / NA	106% / 88.1%		18.4%	
m,p-Xylene	<0.500 ug/L	96.4% / NA	103% / 98.6%		4.64%	
Methacrylonitrile	<3.29 ug/L	88.1% / NA	93.6% / 88.7%		5.33%	
Methyl Methacrylate	<0.806 ug/L	84.4% / NA	99.8% / 87.2%		13.5%	
Methylene Chloride	0.352 ug/L	93.0% / NA	97.4% / 95.3%		2.19%	B, J
Naphthalene	<0.114 ug/L	82.2% / NA	86.7% / 82.7%		4.70%	
o-Xylene	<0.206 ug/L	94.0% / NA	102% / 97.3%		4.48%	
Propionitrile	<2.28 ug/L	85.2% / NA	89.5% / 81.7%		9.03%	
Styrene	<0.175 ug/L	93.1% / NA	101% / 96.3%		5.05%	
Tetrachloroethene	<0.268 ug/L	98.2% / NA	MBI / MBI		7.35%	MBI
Toluene	<0.295 ug/L	97.0% / NA	103% / 97.2%		5.68%	
trans-1,2-Dichloroethene	<0.320 ug/L	91.5% / NA	95.1% / 92.1%		3.16%	
trans-1,3-Dichloropropene	<0.155 ug/L	88.5% / NA	89.6% / 86.3%		3.71%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	90.9% / NA	84.0% / 83.2%		0.987%	
Trichloroethene	<0.306 ug/L	89.9% / NA	97.2% / 93.1%		4.24%	
Trichlorofluoromethane	<0.423 ug/L	100% / NA	103% / 101%		1.94%	
Vinyl acetate	<0.880 ug/L	154% / NA	144% / 142%		1.60%	
Vinyl chloride	<0.369 ug/L	109% / NA	115% / 111%		3.92%	
1,2-Dichloroethane-d4 [surr]	101 %	100% / NA	96.7% / 98.8%		NA	
4-Bromofluorobenzene [surr]	100 %	99.2% / NA	100% / 99.8%		NA	
Toluene-d8 [surr]	100 %	100% / NA	101% / 98.3%		NA	

Wet Chemistry -- Batch: B508455 (Water)
Prepared: 22-Aug-25 11:02 By: KJ -- Analyzed: 22-Aug-25 11:02 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>
Cyanide (total)	<0.002 mg/L	94.0% / 96.0%	91.0% / NA		2.11%	

PCBs -- Batch: B508474 (Water)
Prepared: 25-Aug-25 07:43 By: MB -- Analyzed: 25-Aug-25 16:15 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>
Aroclor-1016	<0.0334 ug/L	130% / NA	134% / 135%		1.10%	
Aroclor-1260	<0.0396 ug/L	118% / NA	118% / 115%		2.59%	
DCBP [surr]	72.5 %	93.0% / NA	134% / 126%		NA	
TCMX [surr]	100 %	104% / NA	121% / 111%		NA	

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QUALITY CONTROL RESULTS

Total Metals -- Batch: B508475 (Water)

Prepared: 25-Aug-25 08:38 By: ST -- Analyzed: 26-Aug-25 12:46 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	101% / NA	98.0% / 98.1%		0.0692%	
Arsenic	<0.052 ug/L	97.4% / NA	97.4% / 98.3%		0.926%	
Barium	<0.078 ug/L	102% / NA	97.9% / 98.2%		0.194%	
Beryllium	<0.074 ug/L	103% / NA	82.9% / 83.1%		0.230%	
Cadmium	<0.038 ug/L	99.2% / NA	101% / 100%		0.914%	
Chromium	<0.0751 ug/L	96.5% / NA	95.5% / 96.5%		1.01%	
Cobalt	<0.035 ug/L	95.4% / NA	94.5% / 95.4%		1.03%	
Copper	<0.149 ug/L	97.6% / NA	95.3% / 97.3%		2.04%	
Lead	<0.115 ug/L	103% / NA	98.4% / 98.7%		0.327%	
Nickel	<0.42 ug/L	102% / NA	98.3% / 99.9%		1.59%	
Selenium	<1.50 ug/L	94.8% / NA	96.8% / 98.4%		1.66%	
Silver	<0.099 ug/L	94.2% / NA	95.0% / 95.9%		1.02%	
Thallium	<0.035 ug/L	104% / NA	99.5% / 99.7%		0.198%	
Tin	<1.62 ug/L	98.3% / NA	96.2% / 96.1%		0.0243%	
Vanadium	<0.042 ug/L	96.8% / NA	93.4% / 99.8%		6.66%	
Zinc	<4.89 ug/L	114% / NA	104% / 107%		3.04%	

Pesticides -- Batch: B508484 (Water)

Prepared: 25-Aug-25 13:18 By: JAH -- Analyzed: 28-Aug-25 16:01 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4'-DDD	<0.009 ug/L	77.5% / NA	80.8% / 85.1%		5.19%	
4,4'-DDE	<0.004 ug/L	62.9% / NA	65.7% / 65.1%		0.909%	
4,4'-DDT	<0.004 ug/L	68.4% / NA	70.7% / 76.2%		7.52%	
Aldrin	<0.003 ug/L	59.6% / NA	57.7% / 66.3%		13.8%	
alpha-BHC	<0.003 ug/L	63.8% / NA	65.8% / 57.7%		13.1%	
beta-BHC	<0.005 ug/L	54.0% / NA	59.2% / 63.8%		7.49%	J
delta-BHC	<0.002 ug/L	59.7% / NA	60.7% / 59.0%		2.96%	J
Dieldrin	<0.004 ug/L	69.8% / NA	72.4% / 73.5%		1.53%	
Endosulfan I	<0.003 ug/L	94.1% / NA	99.4% / 96.2%		3.31%	
Endosulfan II	<0.005 ug/L	64.3% / NA	67.8% / 69.1%		1.96%	
Endosulfan sulfate	<0.004 ug/L	69.6% / NA	74.5% / 78.3%		4.96%	
Endrin	<0.006 ug/L	68.1% / NA	70.8% / 76.1%		7.17%	
Endrin aldehyde	<0.021 ug/L	77.9% / NA	79.6% / 89.3%		11.4%	J
gamma-BHC (Lindane)	<0.002 ug/L	78.4% / NA	72.0% / 68.5%		5.02%	
Heptachlor	<0.003 ug/L	49.0% / NA	51.5% / 50.7%		1.64%	
Heptachlor epoxide	<0.002 ug/L	62.4% / NA	63.6% / 64.1%		0.673%	
Methoxychlor	<0.020 ug/L	68.5% / NA	73.7% / 78.6%		6.42%	
DCBP [surr]	83.3 %	59.7% / NA	62.4% / 70.8%		NA	
TCMX [surr]	47.3 %	46.6% / NA	45.9% / 43.6%		NA	

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QUALITY CONTROL RESULTS

Herbicides -- Batch: B508485 (Water)

Prepared: 25-Aug-25 10:09 By: MB -- Analyzed: 25-Aug-25 18:12 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>
2,4,5-TP (Silvex)	<0.790 ug/L	71.1% / NA	77.3% / 67.0%		14.3%	J
2,4-D	<0.964 ug/L	63.6% / NA	53.3% / 42.3%		23.1%	
DCAA [surr]	78.6 %	59.3% / NA	101% / 76.7%		NA	

Wet Chemistry -- Batch: B508491 (Water)

Prepared: 25-Aug-25 13:59 By: KJ -- Analyzed: 27-Aug-25 15:06 By: JB

<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	116% / 112%	110% / NA		3.51%	

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QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B508498 (Water)****Prepared: 26-Aug-25 07:52 By: MB -- Analyzed: 27-Aug-25 13:50 By: TB**

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	83.0% / NA	89.6% / 89.4%		0.319%	
1,2,4-Trichlorobenzene	<1.69 ug/L	69.6% / NA	77.9% / 80.6%		3.43%	
1,4-Naphthoquinone	<3.00 ug/L	86.0% / NA	93.3% / 90.2%		3.38%	
1-Naphthylamine	<0.360 ug/L	51.7% / NA	64.3% / 61.5%		4.41%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	80.2% / NA	84.3% / 81.8%		3.09%	
2,4,5-Trichlorophenol	<1.91 ug/L	88.4% / NA	95.9% / 91.7%		4.45%	
2,4,6-Trichlorophenol	<1.06 ug/L	84.8% / NA	90.9% / 89.9%		1.18%	
2,4-Dichlorophenol	<0.449 ug/L	83.7% / NA	87.7% / 88.2%		0.562%	
2,4-Dimethylphenol	<1.12 ug/L	86.5% / NA	91.8% / 91.4%		0.414%	
2,4-Dinitrophenol	<2.25 ug/L	96.1% / NA	107% / 107%		0.635%	
2,4-Dinitrotoluene	<0.656 ug/L	91.2% / NA	99.4% / 96.4%		3.12%	
2,6-Dichlorophenol	<0.354 ug/L	88.4% / NA	92.9% / 91.5%		1.55%	
2,6-Dinitrotoluene	<0.656 ug/L	89.2% / NA	96.2% / 93.1%		3.32%	
2-Acetylaminofluorene	<0.275 ug/L	83.0% / NA	89.8% / 89.4%		0.420%	
2-Chloronaphthalene	<1.97 ug/L	96.2% / NA	103% / 100%		2.56%	
2-Chlorophenol	<1.11 ug/L	81.1% / NA	88.0% / 89.9%		2.09%	
2-Methylnaphthalene	<1.54 ug/L	80.4% / NA	85.9% / 86.5%		0.766%	
2-Methylphenol	<0.462 ug/L	79.5% / NA	84.7% / 85.0%		0.317%	
2-Naphthylamine	<0.190 ug/L	53.8% / NA	63.5% / 62.8%		1.05%	
2-Nitrophenol	<1.12 ug/L	82.6% / NA	90.7% / 89.9%		0.845%	
2-Picoline	<0.0973 ug/L	65.3% / NA	72.9% / 78.3%		7.23%	
3 & 4-Methylphenol	<0.501 ug/L	65.8% / NA	79.2% / 75.3%		4.97%	
3,3-Dichlorobenzidine	<1.30 ug/L	79.0% / NA	82.6% / 80.6%		2.48%	
3,3'-Dimethylbenzidine	<0.538 ug/L	32.5% / NA	41.9% / 41.2%		1.85%	
3-Methylcholanthrene	<0.330 ug/L	77.8% / NA	82.6% / 79.7%		3.65%	
4,6-Dinitro-o-cresol	<2.96 ug/L	98.1% / NA	105% / 103%		2.44%	
4-Aminobiphenyl	<0.199 ug/L	81.2% / NA	107% / 108%		0.796%	
4-Bromophenyl-phenylether	<1.47 ug/L	83.6% / NA	92.6% / 88.8%		4.11%	
4-Chloro-3-methylphenol	<1.75 ug/L	87.5% / NA	92.8% / 91.5%		1.33%	
4-Chloroaniline	<0.609 ug/L	78.0% / NA	87.7% / 87.4%		0.337%	
4-Chlorophenyl-phenylether	<1.68 ug/L	86.5% / NA	92.4% / 89.9%		2.73%	
4-Nitroaniline	<0.953 ug/L	93.9% / NA	104% / 100%		4.09%	
4-Nitrophenol	<2.22 ug/L	74.0% / NA	77.5% / 74.5%		3.96%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	89.6% / NA	99.1% / 98.8%		0.287%	
5-Nitro-o-toluidine	<1.00 ug/L	91.0% / NA	96.1% / 94.0%		2.24%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	96.5% / NA	103% / 101%		2.04%	
Acenaphthene	<1.88 ug/L	86.6% / NA	92.2% / 89.1%		3.35%	
Acenaphthylene	<1.53 ug/L	90.0% / NA	96.7% / 95.2%		1.56%	
Acetophenone	<0.323 ug/L	81.6% / NA	85.5% / 84.3%		1.31%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec / NA	No Rec / No Rec		NA	NREC
Aniline	<1.48 ug/L	67.7% / NA	75.9% / 80.6%		6.06%	
Anthracene	<0.566 ug/L	88.2% / NA	95.4% / 91.1%		4.61%	
Aramite	<20.0 ug/L	NA / NA	NA / NA		NA	NS
Benzo (a) anthracene	<0.475 ug/L	85.1% / NA	89.5% / 86.8%		3.11%	
Benzo[a]pyrene	<0.566 ug/L	88.2% / NA	94.7% / 91.7%		3.29%	

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QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B508498 (Water)****Prepared: 26-Aug-25 07:52 By: MB -- Analyzed: 27-Aug-25 13:50 By: TB**

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Benzo[b]fluoranthene	<0.482 ug/L	96.4% / NA	101% / 100%		1.08%	
Benzo[g,h,i]perylene	<0.529 ug/L	82.4% / NA	85.7% / 85.5%		0.247%	
Benzo[k]fluoranthene	<0.516 ug/L	87.2% / NA	93.6% / 91.0%		2.87%	
Benzyl alcohol	<0.992 ug/L	74.7% / NA	79.4% / 79.5%		0.208%	
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	80.0% / NA	90.1% / 91.1%		1.08%	
Bis(2-chloroethoxy)methane	<1.04 ug/L	103% / NA	108% / 111%		2.37%	
Bis(2-chloroethyl)ether	<1.46 ug/L	80.7% / NA	87.8% / 89.0%		1.29%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	85.8% / NA	90.4% / 89.6%		0.835%	
Butylbenzylphthalate	<1.18 ug/L	90.9% / NA	96.4% / 93.2%		3.30%	
Chlorobenzilate	<0.321 ug/L	95.5% / NA	103% / 99.7%		2.78%	
Chrysene	<0.489 ug/L	87.1% / NA	92.3% / 90.5%		2.02%	
Diallate	<0.713 ug/L	107% / NA	114% / 110%		3.20%	
Dibenz[a,h]anthracene	<0.843 ug/L	83.9% / NA	87.8% / 86.2%		1.82%	
Dibenzofuran	<1.36 ug/L	86.4% / NA	93.9% / 90.1%		4.19%	
Diethylphthalate	<0.668 ug/L	91.3% / NA	98.3% / 94.6%		3.88%	
Dimethoate	<1.00 ug/L	NA / NA	NA / NA		NA	NS
Dimethylphthalate	<0.516 ug/L	89.0% / NA	95.6% / 92.1%		3.73%	
Di-n-butylphthalate	<1.33 ug/L	89.4% / NA	97.0% / 92.1%		5.12%	
Di-n-octylphthalate	<1.43 ug/L	94.1% / NA	99.4% / 98.3%		1.06%	
Disulfoton	<0.300 ug/L	NA / NA	NA / NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	81.6% / NA	85.7% / 87.0%		1.53%	
Famphur	<2.00 ug/L	NA / NA	NA / NA		NA	NS
Fluoranthene	<0.575 ug/L	84.9% / NA	90.5% / 88.7%		1.99%	
Fluorene	<1.43 ug/L	88.8% / NA	94.4% / 91.5%		3.15%	
Hexachlorobenzene	<1.27 ug/L	85.2% / NA	92.2% / 88.9%		3.57%	
Hexachlorobutadiene	<2.52 ug/L	65.4% / NA	76.5% / 78.7%		2.79%	
Hexachlorocyclopentadiene	<2.71 ug/L	68.0% / NA	80.8% / 81.0%		0.250%	
Hexachloroethane	<0.958 ug/L	52.8% / NA	63.4% / 69.8%		9.51%	
Hexachlorophene	<0.167 ug/L	NA / NA	NA / NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	65.3% / NA	74.6% / 77.7%		4.04%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	83.3% / NA	87.1% / 86.6%		0.572%	
Isodrin	<0.284 ug/L	91.1% / NA	101% / 95.4%		5.72%	
Isophorone	<2.23 ug/L	91.9% / NA	101% / 99.3%		1.63%	
Isosafrole	<0.216 ug/L	38.2% / NA	40.4% / 39.9%		1.42%	
Kepone	<0.420 ug/L	99.5% / NA	107% / 122%		12.9%	E-01
m-Dinitrobenzene	<0.359 ug/L	85.8% / NA	94.5% / 93.6%		1.00%	
Methapyrilene	<3.00 ug/L	NA / NA	NA / NA		%	E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	63.4% / NA	66.0% / 68.0%		3.01%	E2-F
Methyl parathion	<0.230 ug/L	NA / NA	NA / NA		NA	NS
m-Nitroaniline	<0.308 ug/L	89.2% / NA	97.3% / 94.2%		3.16%	
Nitrobenzene	<1.42 ug/L	84.1% / NA	93.2% / 91.4%		1.97%	
N-Nitrosodiethylamine	<0.497 ug/L	74.5% / NA	77.5% / 79.0%		1.95%	
N-Nitrosodimethylamine	<0.372 ug/L	50.6% / NA	55.1% / 56.7%		2.83%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	81.5% / NA	86.7% / 86.3%		0.414%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	87.2% / NA	94.6% / 93.3%		1.42%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	82.7% / NA	90.1% / 85.2%		5.56%	
N-Nitrosomethylethylamine	<0.244 ug/L	73.3% / NA	75.4% / 73.9%		2.05%	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508498 (Water)

Prepared: 26-Aug-25 07:52 By: MB -- Analyzed: 27-Aug-25 13:50 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
N-Nitrosomorpholine	<1.00 ug/L	83.5% / NA	87.3% / 86.2%		1.23%	
N-Nitrosopiperidine	<0.298 ug/L	87.7% / NA	88.9% / 90.3%		1.59%	
N-Nitrosopyrrolidine	<1.00 ug/L	75.2% / NA	77.4% / 77.7%		0.420%	
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	84.0% / NA	94.8% / 89.5%		5.75%	
o-Toluidine	<0.196 ug/L	68.4% / NA	71.1% / 71.8%		0.976%	
Parathion	<0.224 ug/L	NA / NA	NA / NA		NA	NS
p-Dimethylaminoazobenzene	<0.259 ug/L	84.5% / NA	86.1% / 80.5%		6.70%	
Pentachlorobenzene	<0.133 ug/L	84.6% / NA	90.5% / 87.3%		3.57%	
Pentachloroethane	<5.68 ug/L	55.8% / NA	63.1% / 66.4%		5.02%	J
Pentachloronitrobenzene	<0.258 ug/L	99.1% / NA	112% / 106%		5.47%	
Pentachlorophenol	<1.28 ug/L	91.3% / NA	95.1% / 93.4%		1.79%	
Phenacetin	<0.200 ug/L	96.4% / NA	102% / 99.5%		2.85%	
Phenanthrene	<0.572 ug/L	86.1% / NA	94.3% / 89.8%		4.88%	
Phenol	<0.348 ug/L	47.5% / NA	50.3% / 50.9%		1.19%	
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	91.4% / NA	101% / 94.1%		7.45%	
Pyrene	<0.489 ug/L	86.3% / NA	91.8% / 90.4%		1.48%	
Pyridine	<1.39 ug/L	40.3% / NA	44.3% / 48.6%		9.30%	
Safrole	<0.484 ug/L	161% / NA	172% / 168%		2.13%	%D1, %D2
Sulfotep	<0.344 ug/L	NA / NA	NA / NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	76.9% / NA	83.4% / 79.7%		4.46%	
2,4,6-Tribromophenol [surr]	90.5 %	91.0% / NA	101% / 96.3%		NA	
2-Fluorobiphenyl [surr]	86.0 %	87.8% / NA	94.0% / 91.5%		NA	
2-Fluorophenol [surr]	66.6 %	61.0% / NA	66.2% / 64.0%		NA	
Nitrobenzene-d5 [surr]	93.2 %	86.9% / NA	95.6% / 94.7%		NA	
Phenol-d5 [surr]	49.2 %	47.7% / NA	49.9% / 49.8%		NA	
Terphenyl-d14 [surr]	120 %	116% / NA	122% / 118%		NA	

Total Metals -- Batch: B508503 (Water)

Prepared: 26-Aug-25 12:11 By: KAW -- Analyzed: 26-Aug-25 14:33 By: KAW

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	98.6% / NA	104% / 107%		3.06%	

Anions -- Batch: B508510 (Water)

Prepared: 27-Aug-25 08:00 By: MB -- Analyzed: 27-Aug-25 10:49 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	104% / NA	97.6% / 90.4%		7.66%	

16 September 2025



Cole Clark
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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 21-Aug-25 15:40

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
*B:	Analyte Is Found In The Associated Blank
*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
*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.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

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						
				Telephone: 870-245-2720		5 Day (Routine)	TEST PARAMETERS												Bottle Type Code
Attn: Cole Clark				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				Arkansas Analytical Work Order Number: 2508432											
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		pH (SM 4500), Fluoride (EPA 300.0)	Sulfide (SM 4500 S2 D)	Cyanide (SM 4500 CN-E)	Appendix IX Volatiles (8260)	Appendix IX (8020-Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, Sn, V, Zn), (7470A-Hg)	Appendix IX Herbicides (8151)	Appendix IX Pesticides (8081) / Appendix IX PCBs (8082)	Appendix IX SemiVolatiles (8270)	**Appendix IX Dioxin, Furans (SUBCONTRACT)**		
	8-21-25	851	X		12	Water	MW-18	X	X	X	X	X	X	X	X	X	X	01	
	8-21-25	937	X		12	Water	MW-4	X	X	X	X	X	X	X	X	X	X	02	
	8-21-25	1021	X		12	Water	MW-6	X	X	X	X	X	X	X	X	X	X	03	
	8-21-25	1111	X		12	Water	MW-8	X	X	X	X	X	X	X	X	X	X	04	
	8-21-25	1212	X		12	Water	MW-29	X	X	X	X	X	X	X	X	X	X	05	
	8-21-25	1240	X		12	Water	MW-30	X	X	X	X	X	X	X	X	X	X	06	
	8-21-25	1255	X		12	Water	MW-31	X	X	X	X	X	X	X	X	X	X	07	
	8-21-25	1315	X		12	Water	31-PZ-2	X	X	X	X	X	X	X	X	X	X	08	
	8-21-25	1405	X		12	Water	MW-1A	X	X	X	X	X	X	X	X	X	X	09	
				X		12	Water	X	X	X	X	X	X	X	X	X	X		
1. Relinquished by: (Signature)		Date/Time		2. Received by: (Signature)		SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS							
		8/4/25 1540				1. CUSTODY SEALS: Yes ___ No ___ 2. CONTAINERS CORRECT: Yes ___ No ___ 3. COC/LABELS AGREE: Yes ___ No ___ 4. RECEIVED ON ICE: Yes ___ No ___ 5. TEMPERATURE ON RECEIPT: 2 °C 6. TEMPERATURE GUN ID: HHT# 6						Email: Cole Clark - cole.clark@veolia.com David Jaros - david.jaros@terracon.com Paul Gramling - paul.gramling@terracon.com Matt Acree - Matt.Acree@terracon.com							
3. Relinquished by: (Signature)		Date/Time		4. Received by lab: (Signature)		FOR COMPLETION BY LAB ONLY													
		8-21-25 15:40																	



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

16 September 2025

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2025

SDG Number: 2508443

Enclosed are the results of analyses for samples received by the laboratory on 22-Aug-25 15:28. 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	2.0°C

Sincerely,

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

Norma James
Technical Director

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16 September 2025



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

CASE NARRATIVE

Sample Delivery Group – 2508443

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

pH QUALIFIERS:

<u>Qualifier</u>	<u>Description</u>
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.

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).

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
E7	Internal Standard Response Failure
E11	Initial Calibration Minimum Response Factor Failure
E21	CCV Low
E-01	CCV High
E2-A	Absence of Second Source

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/NREC	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 and/or NREC (No Recovery)).
%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 failed: No Recovery.
NS	Quality Control failed: Not Spiked.

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Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-01
Sample Name: MW-16
Date/Time Collected: 8/22/25 11:25
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	0.245	J	8/28/25 13:42	B508541	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		8/26/25 17:35	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 17:35	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 17:35	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 17:35	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	113		8/26/25 17:35	B508486	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		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/25 11:31	B508483	EPA 608/SW 8082A
TCMX [surr]	%	132		8/27/25 11:31	B508483	EPA 608/SW 8082A
DCBP [surr]	%	130		8/27/25 11:31	B508483	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		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	67.4		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	70.6		8/28/25 19:08	B508484	SW 8081B, Rev 2, 2007

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-01				
Sample Name:		MW-16				
Date/Time Collected:		8/22/25 11:25				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E20, E5	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
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Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-01					
Sample Name:		MW-16					
Date/Time Collected:		8/22/25 11:25					
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>	
Aniline	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	

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ANALYTICAL RESULTS

Lab Number:		2508443-01					
Sample Name:		MW-16					
Date/Time Collected:		8/22/25 11:25					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E20, E5	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E20, E5	8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	78.1		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	74.8		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	52.5		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	75.3		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	40.8		8/27/25 17:38	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	115		8/27/25 17:38	B508498	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>	

Cole Clark
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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2508443-01
Sample Name: MW-16
Date/Time Collected: 8/22/25 11:25
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		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.115	J	9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	12.4		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	0.128	J	9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.070	J	9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	4.42		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 14:03	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/2/25 12:00	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 12:00	B508544	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		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-01
Sample Name: MW-16
Date/Time Collected: 8/22/25 11:25
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>
Bromomethane	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00	E20	8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00	E20	8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00	E20	8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	98.0		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	89.5		8/26/25 19:39	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.2		8/26/25 19:39	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	5.77	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	21.4		8/25/25 13:06	B508489	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508443-02
Sample Name: MW-2
Date/Time Collected: 8/22/25 13:18
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	0.235	J	8/28/25 14:03	B508541	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		8/26/25 18:12	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 18:12	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 18:12	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 18:12	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	86.2		8/26/25 18:12	B508486	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		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/25 12:04	B508483	EPA 608/SW 8082A
TCMX [surr]	%	130		8/27/25 12:04	B508483	EPA 608/SW 8082A
DCBP [surr]	%	128		8/27/25 12:04	B508483	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		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	72.3		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	75.0		8/28/25 19:26	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number: 2508443-02
Sample Name: MW-2
Date/Time Collected: 8/22/25 13:18
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-02				
Sample Name:		MW-2				
Date/Time Collected:		8/22/25 13:18				
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>
Aniline	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-02					
Sample Name:		MW-2					
Date/Time Collected:		8/22/25 13:18					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	82.5		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	81.3		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	59.8		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	83.7		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	44.8		8/27/25 18:01	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	116		8/27/25 18:01	B508498	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-02
Sample Name: MW-2
Date/Time Collected: 8/22/25 13:18
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		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.218	J	9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	23.4		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	0.656		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.907		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	3.44		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	0.335	J	9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 14:06	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.747		9/2/25 12:04	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 12:04	B508544	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		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-02
Sample Name: MW-2
Date/Time Collected: 8/22/25 13:18
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>
Bromomethane	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.313	B, J	8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	91.1		8/26/25 20:03	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.7		8/26/25 20:03	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	5.65	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	22.0		8/25/25 13:06	B508489	SM 2550 B-2010

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-03
Sample Name: Field Blank
Date/Time Collected: 8/22/25 12:36
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	< 0.500		8/28/25 14:25	B508541	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		8/26/25 18:30	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 18:30	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 18:30	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 18:30	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	82.3		8/26/25 18:30	B508486	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		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/25 12:36	B508483	EPA 608/SW 8082A
TCMX [surr]	%	130		8/27/25 12:36	B508483	EPA 608/SW 8082A
DCBP [surr]	%	99.5		8/27/25 12:36	B508483	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		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	66.2		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	52.5		8/28/25 19:44	B508484	SW 8081B, Rev 2, 2007
<u>Semivolatiles</u>	<u>Units</u>	<u>Result</u>	<u>Qualifier(s)</u>	<u>Date/Time Analyzed</u>	<u>Batch</u>	<u>Method</u>

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-03				
Sample Name:		Field Blank				
Date/Time Collected:		8/22/25 12:36				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-03				
Sample Name:		Field Blank				
Date/Time Collected:		8/22/25 12:36				
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>
Aniline	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-03					
Sample Name:		Field Blank					
Date/Time Collected:		8/22/25 12:36					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	80.5		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	78.5		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	57.1		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	79.6		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	41.7		8/27/25 18:24	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	118		8/27/25 18:24	B508498	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>	

Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-03
Sample Name: Field Blank
Date/Time Collected: 8/22/25 12:36
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		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 14:09	B508503	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	< 1.56		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/2/25 12:34	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 12:34	B508544	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		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-03
Sample Name: Field Blank
Date/Time Collected: 8/22/25 12:36
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>
Carbon disulfide	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.264	B, J	8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	90.3		8/26/25 19:14	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.5		8/26/25 19:14	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.07	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	22.1		8/25/25 13:06	B508489	SM 2550 B-2010

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2508443-04
Sample Name: Leachate Cell-1
Date/Time Collected: 8/22/25 9:30
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	886		9/2/25 13:28	B509008	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	< 40.0		8/26/25 18:49	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 30.0		8/26/25 18:49	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 10.0		8/26/25 18:49	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 25.0		8/26/25 18:49	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	79.5		8/26/25 18:49	B508486	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	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 5.00		8/27/25 13:09	B508483	EPA 608/SW 8082A
TCMX [surr]	%	138		8/27/25 13:09	B508483	EPA 608/SW 8082A
DCBP [surr]	%	132		8/27/25 13:09	B508483	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	< 3.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 1.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 10.0		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 1.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 1.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 10.0		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 1.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 2.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 1.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 1.00		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 15.0		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 10.0		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	79.5		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	91.3		8/28/25 20:03	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number: 2508443-04
Sample Name: Leachate Cell-1
Date/Time Collected: 8/22/25 9:30
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 500	E5	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-04				
Sample Name:		Leachate Cell-1				
Date/Time Collected:		8/22/25 9:30				
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>
Aniline	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 600		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 200		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 500	E21, E2-A	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 100	E-01	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-04					
Sample Name:		Leachate Cell-1					
Date/Time Collected:		8/22/25 9:30					
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>	
Methapyrilene	ug/L	< 200	E2-F	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 100	E2-F	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 200		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 500		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 69000	E5	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 50.0		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 100	E5	8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 100		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	84.6		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	78.9		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	45.6		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	76.4		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	33.2		8/27/25 19:32	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	125		8/27/25 19:32	B508498	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-04
Sample Name: Leachate Cell-1
Date/Time Collected: 8/22/25 9:30
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	< 52.0		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	5420		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	436		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 65.0	EDL	9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 6.50		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	62.9		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	29.3		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	15.2		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	26.4		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 2.00		8/26/25 14:19	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 39.0		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	< 1300	EDL	9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	3.22	J	9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 6.50		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 520		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	7600		9/2/25 12:38	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 520		9/2/25 12:38	B508544	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	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 300		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 500		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 5000		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 400		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-04
Sample Name: Leachate Cell-1
Date/Time Collected: 8/22/25 9:30
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>
Bromomethane	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 500	E2-F	8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 300		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 200	E21	8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 1000		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 5000		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	61.5	B, J	8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 500		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 1000		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 100		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 500		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 400	E-01	8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 200		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.2		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.5		8/26/25 22:31	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.2		8/26/25 22:31	B508515	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	9.85		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	12.3	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	21.7		8/25/25 13:06	B508489	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508443-05
Sample Name: Leachate Cell-2
Date/Time Collected: 8/22/25 7:50
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	5050		9/2/25 13:49	B509008	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	< 40.0		8/26/25 19:08	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 30.0		8/26/25 19:08	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 10.0		8/26/25 19:08	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 25.0		8/26/25 19:08	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	103		8/26/25 19:08	B508486	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	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 5.00		8/27/25 13:41	B508483	EPA 608/SW 8082A
TCMX [surr]	%	137		8/27/25 13:41	B508483	EPA 608/SW 8082A
DCBP [surr]	%	120		8/27/25 13:41	B508483	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	< 3.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 1.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 10.0		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 1.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 1.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 10.0		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 1.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 2.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 1.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 1.00		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 15.0		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 10.0		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	82.9		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	78.0		8/29/25 8:49	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508443-05				
Sample Name:		Leachate Cell-2				
Date/Time Collected:		8/22/25 7:50				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 500	E5	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-05				
Sample Name:		Leachate Cell-2				
Date/Time Collected:		8/22/25 7:50				
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>
Aniline	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 600		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 200		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 500	E21, E2-A	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 100	E-01	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-05					
Sample Name:		Leachate Cell-2					
Date/Time Collected:		8/22/25 7:50					
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>	
Methapyrilene	ug/L	< 200	E2-F	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 100	E2-F	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 200		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 500		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 69000	E5	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 50.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 100	E5	8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 100		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	85.0		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	81.2		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	53.1		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	81.9		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	45.4		8/27/25 19:55	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	122		8/27/25 19:55	B508498	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-05
Sample Name: Leachate Cell-2
Date/Time Collected: 8/22/25 7:50
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	19.0	J	9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	6950		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	83.9		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 65.0	EDL	9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 6.50		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	134		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	45.4		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	9.15	J	9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	6.16	J	9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 2.00		8/26/25 14:48	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 39.0		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	589	EDL, J	9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 7.80		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 6.50		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 520		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	20600		9/2/25 12:42	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 520		9/2/25 12:42	B508544	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	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 300		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 500		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 5000		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 400		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006

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Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-05
Sample Name: Leachate Cell-2
Date/Time Collected: 8/22/25 7:50
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	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 500	E2-F	8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 300		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 200	E21	8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 1000		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 5000		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	51.0	B, J	8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 500		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 1000		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 100		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 500		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 400	E-01	8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 200		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.7		8/26/25 22:56	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.5		8/26/25 22:56	B508515	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	29.4		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	12.3	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021

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Cole Clark
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ANALYTICAL RESULTS

Lab Number:	2508443-05					
Sample Name:	Leachate Cell-2					
Date/Time Collected:	8/22/25 7:50					
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	22.5		8/25/25 13:06	B508489	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508443-06
Sample Name: Leachate 3-8
Date/Time Collected: 8/22/25 13:42
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	3980		9/3/25 10:34	B509008	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	< 40.0		8/26/25 19:26	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 30.0		8/26/25 19:26	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 10.0		8/26/25 19:26	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 25.0		8/26/25 19:26	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	106		8/26/25 19:26	B508486	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	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 5.00		8/27/25 14:14	B508483	EPA 608/SW 8082A
TCMX [surr]	%	132		8/27/25 14:14	B508483	EPA 608/SW 8082A
DCBP [surr]	%	135		8/27/25 14:14	B508483	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	< 3.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 10.0		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 2.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 1.00		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 15.0		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 10.0		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	29.4		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	82.1		8/29/25 9:07	B508484	SW 8081B, Rev 2, 2007

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-06
Sample Name: Leachate 3-8
Date/Time Collected: 8/22/25 13:42
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamin e	ug/L	< 500	E1, E5	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number:		2508443-06					
Sample Name:		Leachate 3-8					
Date/Time Collected:		8/22/25 13:42					
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>	
Aniline	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 600	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	415	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 200	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 500	E1, E21, E2-A	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 100	E-01, E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018	

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Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-06
Sample Name: Leachate 3-8
Date/Time Collected: 8/22/25 13:42
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>
Methapyrilene	ug/L	< 200	E1, E2-F	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 100	E1, E2-F	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 200	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 500	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Phenol	ug/L	85.6	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 69000	E1, E5	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 50.0	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 100	E1, E5	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 100	E1	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	MBI	MBI	8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	60.4		8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	37.4		8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	57.8		8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	28.9		8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	107		8/27/25 20:17	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number: 2508443-06
Sample Name: Leachate 3-8
Date/Time Collected: 8/22/25 13:42
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	60.3		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	14700		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	391		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 65.0	EDL	9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	2.16	J	9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	103		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	87.9		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	46.3		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	96.6		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 2.00		8/26/25 14:52	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	143		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	484	EDL, J	9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	2.65	J	9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	0.962	J	9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 520		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	37800		9/2/25 12:45	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	136	J	9/2/25 12:45	B508544	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	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 300		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 500		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 5000		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 400		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006

Cole Clark
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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-06
Sample Name: Leachate 3-8
Date/Time Collected: 8/22/25 13:42
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	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 500	E2-F	8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 300		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 200	E21	8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 1000		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 5000		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	69.0	B, J	8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 500		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 1000		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 100		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 500		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 400	E-01	8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 200		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.8		8/26/25 23:20	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.9		8/26/25 23:20	B508515	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	71.2		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	12.2	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number:	2508443-06					
Sample Name:	Leachate 3-8					
Date/Time Collected:	8/22/25 13:42					
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	23.1		8/25/25 13:06	B508489	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508443-07
Sample Name: MW-4S
Date/Time Collected: 8/22/25 9:10
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	0.628		9/2/25 14:32	B509008	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		8/26/25 19:44	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 19:44	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 19:44	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 19:44	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	101		8/26/25 19:44	B508486	SW 8151A, Rev 1 1996
<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		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.295		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	13.8		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	0.236	J	9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.369		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	0.414	J	9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	0.222	J	9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 14:55	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	4.15		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	3.77	J	9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.413		9/2/25 12:49	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 12:49	B508544	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		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006

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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-07
Sample Name: MW-4S
Date/Time Collected: 8/22/25 9:10
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>
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.270	B, J	8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-07
Sample Name: MW-4S
Date/Time Collected: 8/22/25 9:10
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>
Vinyl chloride	ug/L	< 2.00		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.8		8/26/25 20:28	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.4		8/26/25 20:28	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.90	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	0.0230	J	8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	23.2		8/25/25 13:06	B508489	SM 2550 B-2010

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Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-08
Sample Name: MW-6S
Date/Time Collected: 8/22/25 8:40
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	0.481	J	9/2/25 15:37	B509008	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		8/26/25 20:03	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 20:03	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 20:03	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 20:03	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	105		8/26/25 20:03	B508486	SW 8151A, Rev 1 1996
<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		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.633		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	18.4		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	0.119	J	9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	0.072	J	9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	1.32		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.473		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	3.37		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	5.37		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 14:58	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	2.26		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	3.16	J	9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	0.036	J	9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	2.67		9/2/25 12:53	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	10.6	J	9/2/25 12:53	B508544	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		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006

Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-08
Sample Name: MW-6S
Date/Time Collected: 8/22/25 8:40
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>
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.246	B, J	8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-08
Sample Name: MW-6S
Date/Time Collected: 8/22/25 8:40
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>
Vinyl chloride	ug/L	< 2.00		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.4		8/26/25 20:53	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.4		8/26/25 20:53	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.60	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	22.9		8/25/25 13:06	B508489	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508443-09
Sample Name: MW-8S
Date/Time Collected: 8/22/25 8:10
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	0.618		9/2/25 15:58	B509008	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		8/26/25 20:21	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 20:21	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 20:21	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 20:21	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	106		8/26/25 20:21	B508486	SW 8151A, Rev 1 1996
<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		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.182	J	9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	17.9		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	0.253	J	9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.080	J	9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	0.251	J	9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 15:06	B508503	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	0.48	J	9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	2.96	J	9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.269		9/2/25 12:57	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 12:57	B508544	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		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-09
Sample Name: MW-8S
Date/Time Collected: 8/22/25 8:10
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>
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.321	B, J	8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-09
Sample Name: MW-8S
Date/Time Collected: 8/22/25 8:10
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>
Vinyl chloride	ug/L	< 2.00		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	100		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	91.4		8/26/25 21:17	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.7		8/26/25 21:17	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.69	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	22.8		8/25/25 13:06	B508489	SM 2550 B-2010

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2508443-10
Sample Name: MW-12
Date/Time Collected: 8/22/25 12:07
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	0.250	J	9/2/25 16:19	B509008	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		8/26/25 20:39	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 20:39	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 20:39	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 20:39	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	107		8/26/25 20:39	B508486	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		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/25 10:59	B508483	EPA 608/SW 8082A
TCMX [surr]	%	123		8/27/25 10:59	B508483	EPA 608/SW 8082A
DCBP [surr]	%	126		8/27/25 10:59	B508483	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		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	52.4		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	67.1		8/29/25 9:25	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508443-10				
Sample Name:		MW-12				
Date/Time Collected:		8/22/25 12:07				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-10					
Sample Name:		MW-12					
Date/Time Collected:		8/22/25 12:07					
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>	
Aniline	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Anthracene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Aramite	ug/L	< 60.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Benzo (a) anthracene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Benzo[a]pyrene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Benzyl alcohol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Butylbenzylphthalate	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Chlorobenzilate	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Chrysene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Diallate	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Dibenzofuran	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Diethylphthalate	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Dimethoate	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Dimethylphthalate	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Di-n-butylphthalate	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Di-n-octylphthalate	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Diphenylamine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Disulfoton	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Famphur	ug/L	< 20.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Fluoranthene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Fluorene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobenzene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorobutadiene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Hexachloroethane	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Hexachloropropene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Isodrin	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Isophorone	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Isosafrole	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Kepone	ug/L	< 10.0	E-01	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
m-Dinitrobenzene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	

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ANALYTICAL RESULTS

Lab Number:		2508443-10					
Sample Name:		MW-12					
Date/Time Collected:		8/22/25 12:07					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	84.5		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	79.4		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	53.1		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	78.8		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	38.9		8/27/25 18:46	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	121		8/27/25 18:46	B508498	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
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ANALYTICAL RESULTS

Lab Number: 2508443-10
Sample Name: MW-12
Date/Time Collected: 8/22/25 12:07
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		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	11.5		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	0.146	J	9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.219	J	9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	2.33		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 15:11	B508503	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	< 1.56		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.120	J	9/2/25 13:00	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 13:00	B508544	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		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006

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ANALYTICAL RESULTS

Lab Number: 2508443-10
Sample Name: MW-12
Date/Time Collected: 8/22/25 12:07
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>
Bromomethane	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	0.245	B, J	8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.4		8/26/25 21:42	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	98.6		8/26/25 21:42	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.33	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	22.6		8/25/25 13:06	B508489	SM 2550 B-2010

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ANALYTICAL RESULTS

Lab Number: 2508443-11
Sample Name: Dup
Date/Time Collected: 8/22/25 12:07
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	0.250	J	9/2/25 16:41	B509008	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		8/26/25 20:57	B508486	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		8/26/25 20:57	B508486	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		8/26/25 20:57	B508486	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		8/26/25 20:57	B508486	SW 8151A, Rev 1 1996
DCAA [surr]	%	97.5		8/26/25 20:57	B508486	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		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/25 10:26	B508483	EPA 608/SW 8082A
TCMX [surr]	%	126		8/27/25 10:26	B508483	EPA 608/SW 8082A
DCBP [surr]	%	120		8/27/25 10:26	B508483	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		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
4,4'-DDE	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
4,4'-DDT	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
TCMX [surr]	%	53.4		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007
DCBP [surr]	%	82.2		8/29/25 9:44	B508484	SW 8081B, Rev 2, 2007

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ANALYTICAL RESULTS

Lab Number:		2508443-11				
Sample Name:		Dup				
Date/Time Collected:		8/22/25 12:07				
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>
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018

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ANALYTICAL RESULTS

Lab Number:		2508443-11					
Sample Name:		Dup					
Date/Time Collected:		8/22/25 12:07					
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>
Aniline	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E-01	8/27/25	19:09	B508498	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/27/25	19:09	B508498	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: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-11					
Sample Name:		Dup					
Date/Time Collected:		8/22/25 12:07					
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>	
Methapyrilene	ug/L	< 20.0	E2-F	8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Methyl parathion	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
m-Nitroaniline	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodiethylamine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodimethylamine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
n-Nitrosodiphenylamine	ug/L	< 20.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomethylethylamine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosomorpholine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopiperidine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
N-Nitrosopyrrolidine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
o-Nitroaniline	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
o-Toluidine	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Parathion	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorobenzene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pentachloroethane	ug/L	< 50.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pentachloronitrobenzene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pentachlorophenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Phenacetin	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Phenanthrene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Phenol	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Phorate	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
p-Phenylenediamine	ug/L	< 6900	E5	8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pronamide	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pyrene	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Pyridine	ug/L	< 5.00		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Safrole	ug/L	< 10.0	E5	8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Sulfotep	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
sym-Trinitrobenzene	ug/L	< 10.0		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
2,4,6-Tribromophenol [surr]	%	83.8		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorobiphenyl [surr]	%	82.6		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
2-Fluorophenol [surr]	%	54.1		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Nitrobenzene-d5 [surr]	%	82.4		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Phenol-d5 [surr]	%	40.9		8/27/25 19:09	B508498	SW 8270E, Rev. 6, 2018	
Terphenyl-d14 [surr]	%	120		8/27/25 19:09	B508498	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>	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-11
Sample Name: Dup
Date/Time Collected: 8/22/25 12:07
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		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Arsenic	ug/L	0.073	J	9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Barium	ug/L	10.7		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Chromium	ug/L	0.0759	J	9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Cobalt	ug/L	0.209	J	9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Copper	ug/L	3.03		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/26/25 15:14	B508503	SW7470A/EPA245.1,3,0- 1994
Nickel	ug/L	< 1.56		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Vanadium	ug/L	0.064	J	9/2/25 13:04	B508544	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/2/25 13:04	B508544	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		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006

Cole Clark
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Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-11
Sample Name: Dup
Date/Time Collected: 8/22/25 12:07
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>
Bromomethane	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E21	8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	92.9		8/26/25 22:07	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.1		8/26/25 22:07	B508515	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		8/27/25 8:28	B508526	SM 4500-CN B,C,E,G 2021
pH	S.U.	6.27	E2	8/25/25 13:06	B508489	SM 4500-H+ B-2021
Sulfide	mg/L	< 0.150		8/27/25 15:06	B508491	SM 4500 S2-D-2021
Temp of pH	°C	22.6		8/25/25 13:06	B508489	SM 2550 B-2010

Cole Clark
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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number:		2508443-12					
Sample Name:		Equipment Blank					
Date/Time Collected:		8/22/25 13:13					
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>	
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
2-Hexanone	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Acetone	ug/L	< 5.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Acetonitrile	ug/L	< 50.0		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Acrolein	ug/L	< 4.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Acrylonitrile	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Allyl chloride	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Benzene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Bromodichloromethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Bromoform	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Bromomethane	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Carbon disulfide	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
2-Butanone	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Chlorobenzene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Chloroethane	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Chloroform	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Chloromethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Dibromochloromethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Dibromomethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Ethylbenzene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Iodomethane	ug/L	< 2.00	E21	8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Isobutyl alcohol	ug/L	< 10.0		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Methacrylonitrile	ug/L	< 50.0		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	
Methylene Chloride	ug/L	0.254	B, J	8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006	

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
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Date Received: 22-Aug-25 15:28

ANALYTICAL RESULTS

Lab Number: 2508443-12
Sample Name: Equipment Blank
Date/Time Collected: 8/22/25 13:13
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>
Methyl Methacrylate	ug/L	< 5.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	99.1		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	86.6		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	96.7		8/26/25 18:50	B508515	SW 8260C, Rev 3, 2006

Cole Clark
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Arkadelphia, AR 71923
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ANALYTICAL RESULTS

Lab Number:		2508443-13					
Sample Name:		Trip Blank					
Date/Time Collected:		8/22/25 15:28					
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>	
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,1,1-Trichloroethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,1,2-Trichloroethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,1-Dichloroethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,1-Dichloroethene	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,2,3-Trichloropropane	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,2-Dibromoethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,2-Dichloroethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,2-Dichloropropane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,3-Dichlorobenzene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,2-Dichlorobenzene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
2-Hexanone	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
4-Methyl-2-pentanone	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Acetone	ug/L	< 5.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Acetonitrile	ug/L	< 50.0		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Acrolein	ug/L	< 4.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Acrylonitrile	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Allyl chloride	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
1,4-Dichlorobenzene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Benzene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Bromodichloromethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Bromoform	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Bromomethane	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Carbon disulfide	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
2-Butanone	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Carbon Tetrachloride	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Chlorobenzene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Chloroethane	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Chloroform	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Chloromethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Chloroprene	ug/L	< 5.00	E2-F	8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
cis-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Dibromochloromethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Dibromomethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Dichlorodifluoromethane	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Ethyl Methacrylate	ug/L	< 3.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Ethylbenzene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Iodomethane	ug/L	< 2.00	E21	8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Isobutyl alcohol	ug/L	< 10.0		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Methacrylonitrile	ug/L	< 50.0		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	
Methylene Chloride	ug/L	0.582	B, J	8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006	

Cole Clark
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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2508443-13
Sample Name: Trip Blank
Date/Time Collected: 8/22/25 15:28
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>
Methyl Methacrylate	ug/L	< 5.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E-01	8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	91.7		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	96.9		8/26/25 18:25	B508515	SW 8260C, Rev 3, 2006

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QUALITY CONTROL RESULTS

PCBs -- Batch: B508483 (Water)

Prepared: 25-Aug-25 09:56 By: MB -- Analyzed: 27-Aug-25 16:58 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	127% / NA	135% / 132%		2.51%	
Aroclor-1260	<0.0396 ug/L	120% / NA	120% / 119%		1.25%	
DCBP [surr]	66.0 %	94.5% / NA	136% / 128%		NA	
TCMX [surr]	108 %	62.5% / NA	91.0% / 84.5%		NA	

Pesticides -- Batch: B508484 (Water)

Prepared: 25-Aug-25 13:18 By: JAH -- Analyzed: 28-Aug-25 16:01 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4'-DDD	<0.009 ug/L	77.5% / NA	80.8% / 85.1%		5.19%	
4,4'-DDE	<0.004 ug/L	62.9% / NA	65.7% / 65.1%		0.909%	
4,4'-DDT	<0.004 ug/L	68.4% / NA	70.7% / 76.2%		7.52%	
Aldrin	<0.003 ug/L	59.6% / NA	57.7% / 66.3%		13.8%	
alpha-BHC	<0.003 ug/L	63.8% / NA	65.8% / 57.7%		13.1%	
beta-BHC	<0.005 ug/L	54.0% / NA	59.2% / 63.8%		7.49%	J
delta-BHC	<0.002 ug/L	59.7% / NA	60.7% / 59.0%		2.96%	J
Dieldrin	<0.004 ug/L	69.8% / NA	72.4% / 73.5%		1.53%	
Endosulfan I	<0.003 ug/L	94.1% / NA	99.4% / 96.2%		3.31%	
Endosulfan II	<0.005 ug/L	64.3% / NA	67.8% / 69.1%		1.96%	
Endosulfan sulfate	<0.004 ug/L	69.6% / NA	74.5% / 78.3%		4.96%	
Endrin	<0.006 ug/L	68.1% / NA	70.8% / 76.1%		7.17%	
Endrin aldehyde	<0.021 ug/L	77.9% / NA	79.6% / 89.3%		11.4%	J
gamma-BHC (Lindane)	<0.002 ug/L	78.4% / NA	72.0% / 68.5%		5.02%	
Heptachlor	<0.003 ug/L	49.0% / NA	51.5% / 50.7%		1.64%	
Heptachlor epoxide	<0.002 ug/L	62.4% / NA	63.6% / 64.1%		0.673%	
Methoxychlor	<0.020 ug/L	68.5% / NA	73.7% / 78.6%		6.42%	
DCBP [surr]	83.3 %	59.7% / NA	62.4% / 70.8%		NA	
TCMX [surr]	47.3 %	46.6% / NA	45.9% / 43.6%		NA	

Herbicides -- Batch: B508486 (Water)

Prepared: 25-Aug-25 10:09 By: MB -- Analyzed: 26-Aug-25 17:17 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	89.7% / NA	98.4% / 94.9%		3.60%	
2,4-D	<0.964 ug/L	61.6% / NA	69.0% / 61.1%		12.1%	
DCAA [surr]	107 %	80.9% / NA	81.0% / 94.5%		NA	

Wet Chemistry -- Batch: B508489 (Water)

Prepared: 25-Aug-25 13:02 By: CGF -- Analyzed: 25-Aug-25 13:02 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	101% / 101%	NA / NA		0.00%	

16 September 2025



Cole Clark
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Arkadelphia, AR 71923
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QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B508491 (Water)

Prepared: 25-Aug-25 13:59 By: KJ -- Analyzed: 27-Aug-25 15:06 By: JB

<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	116% / 112%	110% / NA		3.51%	

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QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B508498 (Water)****Prepared: 26-Aug-25 07:52 By: MB -- Analyzed: 27-Aug-25 13:50 By: TB**

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	83.0%	/ NA	89.6%	/ 89.4%		0.319%	
1,2,4-Trichlorobenzene	<1.69 ug/L	69.6%	/ NA	77.9%	/ 80.6%		3.43%	
1,4-Naphthoquinone	<3.00 ug/L	86.0%	/ NA	93.3%	/ 90.2%		3.38%	
1-Naphthylamine	<0.360 ug/L	51.7%	/ NA	64.3%	/ 61.5%		4.41%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	80.2%	/ NA	84.3%	/ 81.8%		3.09%	
2,4,5-Trichlorophenol	<1.91 ug/L	88.4%	/ NA	95.9%	/ 91.7%		4.45%	
2,4,6-Trichlorophenol	<1.06 ug/L	84.8%	/ NA	90.9%	/ 89.9%		1.18%	
2,4-Dichlorophenol	<0.449 ug/L	83.7%	/ NA	87.7%	/ 88.2%		0.562%	
2,4-Dimethylphenol	<1.12 ug/L	86.5%	/ NA	91.8%	/ 91.4%		0.414%	
2,4-Dinitrophenol	<2.25 ug/L	96.1%	/ NA	107%	/ 107%		0.635%	
2,4-Dinitrotoluene	<0.656 ug/L	91.2%	/ NA	99.4%	/ 96.4%		3.12%	
2,6-Dichlorophenol	<0.354 ug/L	88.4%	/ NA	92.9%	/ 91.5%		1.55%	
2,6-Dinitrotoluene	<0.656 ug/L	89.2%	/ NA	96.2%	/ 93.1%		3.32%	
2-Acetylaminofluorene	<0.275 ug/L	83.0%	/ NA	89.8%	/ 89.4%		0.420%	
2-Chloronaphthalene	<1.97 ug/L	96.2%	/ NA	103%	/ 100%		2.56%	
2-Chlorophenol	<1.11 ug/L	81.1%	/ NA	88.0%	/ 89.9%		2.09%	
2-Methylnaphthalene	<1.54 ug/L	80.4%	/ NA	85.9%	/ 86.5%		0.766%	
2-Methylphenol	<0.462 ug/L	79.5%	/ NA	84.7%	/ 85.0%		0.317%	
2-Naphthylamine	<0.190 ug/L	53.8%	/ NA	63.5%	/ 62.8%		1.05%	
2-Nitrophenol	<1.12 ug/L	82.6%	/ NA	90.7%	/ 89.9%		0.845%	
2-Picoline	<0.0973 ug/L	65.3%	/ NA	72.9%	/ 78.3%		7.23%	
3 & 4-Methylphenol	<0.501 ug/L	65.8%	/ NA	79.2%	/ 75.3%		4.97%	
3,3-Dichlorobenzidine	<1.30 ug/L	79.0%	/ NA	82.6%	/ 80.6%		2.48%	
3,3'-Dimethylbenzidine	<0.538 ug/L	32.5%	/ NA	41.9%	/ 41.2%		1.85%	
3-Methylcholanthrene	<0.330 ug/L	77.8%	/ NA	82.6%	/ 79.7%		3.65%	
4,6-Dinitro-o-cresol	<2.96 ug/L	98.1%	/ NA	105%	/ 103%		2.44%	
4-Aminobiphenyl	<0.199 ug/L	81.2%	/ NA	107%	/ 108%		0.796%	
4-Bromophenyl-phenylether	<1.47 ug/L	83.6%	/ NA	92.6%	/ 88.8%		4.11%	
4-Chloro-3-methylphenol	<1.75 ug/L	87.5%	/ NA	92.8%	/ 91.5%		1.33%	
4-Chloroaniline	<0.609 ug/L	78.0%	/ NA	87.7%	/ 87.4%		0.337%	
4-Chlorophenyl-phenylether	<1.68 ug/L	86.5%	/ NA	92.4%	/ 89.9%		2.73%	
4-Nitroaniline	<0.953 ug/L	93.9%	/ NA	104%	/ 100%		4.09%	
4-Nitrophenol	<2.22 ug/L	74.0%	/ NA	77.5%	/ 74.5%		3.96%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	89.6%	/ NA	99.1%	/ 98.8%		0.287%	
5-Nitro-o-toluidine	<1.00 ug/L	91.0%	/ NA	96.1%	/ 94.0%		2.24%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	96.5%	/ NA	103%	/ 101%		2.04%	
Acenaphthene	<1.88 ug/L	86.6%	/ NA	92.2%	/ 89.1%		3.35%	
Acenaphthylene	<1.53 ug/L	90.0%	/ NA	96.7%	/ 95.2%		1.56%	
Acetophenone	<0.323 ug/L	81.6%	/ NA	85.5%	/ 84.3%		1.31%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec	/ NA	No Rec	/ No Rec		NA	NREC
Aniline	<1.48 ug/L	67.7%	/ NA	75.9%	/ 80.6%		6.06%	
Anthracene	<0.566 ug/L	88.2%	/ NA	95.4%	/ 91.1%		4.61%	
Aramite	<20.0 ug/L	NA	/ NA	NA	/ NA		NA	NS
Benzo (a) anthracene	<0.475 ug/L	85.1%	/ NA	89.5%	/ 86.8%		3.11%	
Benzo[a]pyrene	<0.566 ug/L	88.2%	/ NA	94.7%	/ 91.7%		3.29%	

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QUALITY CONTROL RESULTS**Semivolatiles -- Batch: B508498 (Water)****Prepared: 26-Aug-25 07:52 By: MB -- Analyzed: 27-Aug-25 13:50 By: TB**

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Benzo[b]fluoranthene	<0.482 ug/L	96.4% / NA	101% / 100%		1.08%	
Benzo[g,h,i]perylene	<0.529 ug/L	82.4% / NA	85.7% / 85.5%		0.247%	
Benzo[k]fluoranthene	<0.516 ug/L	87.2% / NA	93.6% / 91.0%		2.87%	
Benzyl alcohol	<0.992 ug/L	74.7% / NA	79.4% / 79.5%		0.208%	
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	80.0% / NA	90.1% / 91.1%		1.08%	
Bis(2-chloroethoxy)methane	<1.04 ug/L	103% / NA	108% / 111%		2.37%	
Bis(2-chloroethyl)ether	<1.46 ug/L	80.7% / NA	87.8% / 89.0%		1.29%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	85.8% / NA	90.4% / 89.6%		0.835%	
Butylbenzylphthalate	<1.18 ug/L	90.9% / NA	96.4% / 93.2%		3.30%	
Chlorobenzilate	<0.321 ug/L	95.5% / NA	103% / 99.7%		2.78%	
Chrysene	<0.489 ug/L	87.1% / NA	92.3% / 90.5%		2.02%	
Diallate	<0.713 ug/L	107% / NA	114% / 110%		3.20%	
Dibenz[a,h]anthracene	<0.843 ug/L	83.9% / NA	87.8% / 86.2%		1.82%	
Dibenzofuran	<1.36 ug/L	86.4% / NA	93.9% / 90.1%		4.19%	
Diethylphthalate	<0.668 ug/L	91.3% / NA	98.3% / 94.6%		3.88%	
Dimethoate	<1.00 ug/L	NA / NA	NA / NA		NA	NS
Dimethylphthalate	<0.516 ug/L	89.0% / NA	95.6% / 92.1%		3.73%	
Di-n-butylphthalate	<1.33 ug/L	89.4% / NA	97.0% / 92.1%		5.12%	
Di-n-octylphthalate	<1.43 ug/L	94.1% / NA	99.4% / 98.3%		1.06%	
Disulfoton	<0.300 ug/L	NA / NA	NA / NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	81.6% / NA	85.7% / 87.0%		1.53%	
Famphur	<2.00 ug/L	NA / NA	NA / NA		NA	NS
Fluoranthene	<0.575 ug/L	84.9% / NA	90.5% / 88.7%		1.99%	
Fluorene	<1.43 ug/L	88.8% / NA	94.4% / 91.5%		3.15%	
Hexachlorobenzene	<1.27 ug/L	85.2% / NA	92.2% / 88.9%		3.57%	
Hexachlorobutadiene	<2.52 ug/L	65.4% / NA	76.5% / 78.7%		2.79%	
Hexachlorocyclopentadiene	<2.71 ug/L	68.0% / NA	80.8% / 81.0%		0.250%	
Hexachloroethane	<0.958 ug/L	52.8% / NA	63.4% / 69.8%		9.51%	
Hexachlorophene	<0.167 ug/L	NA / NA	NA / NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	65.3% / NA	74.6% / 77.7%		4.04%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	83.3% / NA	87.1% / 86.6%		0.572%	
Isodrin	<0.284 ug/L	91.1% / NA	101% / 95.4%		5.72%	
Isophorone	<2.23 ug/L	91.9% / NA	101% / 99.3%		1.63%	
Isosafrole	<0.216 ug/L	38.2% / NA	40.4% / 39.9%		1.42%	
Kepone	<0.420 ug/L	99.5% / NA	107% / 122%		12.9%	E-01
m-Dinitrobenzene	<0.359 ug/L	85.8% / NA	94.5% / 93.6%		1.00%	
Methapyrilene	<3.00 ug/L	NA / NA	NA / NA		%	E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	63.4% / NA	66.0% / 68.0%		3.01%	E2-F
Methyl parathion	<0.230 ug/L	NA / NA	NA / NA		NA	NS
m-Nitroaniline	<0.308 ug/L	89.2% / NA	97.3% / 94.2%		3.16%	
Nitrobenzene	<1.42 ug/L	84.1% / NA	93.2% / 91.4%		1.97%	
N-Nitrosodiethylamine	<0.497 ug/L	74.5% / NA	77.5% / 79.0%		1.95%	
N-Nitrosodimethylamine	<0.372 ug/L	50.6% / NA	55.1% / 56.7%		2.83%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	81.5% / NA	86.7% / 86.3%		0.414%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	87.2% / NA	94.6% / 93.3%		1.42%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	82.7% / NA	90.1% / 85.2%		5.56%	
N-Nitrosomethylethylamine	<0.244 ug/L	73.3% / NA	75.4% / 73.9%		2.05%	

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B508498 (Water)

Prepared: 26-Aug-25 07:52 By: MB -- Analyzed: 27-Aug-25 13:50 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
N-Nitrosomorpholine	<1.00 ug/L	83.5% / NA	87.3% / 86.2%		1.23%	
N-Nitrosopiperidine	<0.298 ug/L	87.7% / NA	88.9% / 90.3%		1.59%	
N-Nitrosopyrrolidine	<1.00 ug/L	75.2% / NA	77.4% / 77.7%		0.420%	
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	84.0% / NA	94.8% / 89.5%		5.75%	
o-Toluidine	<0.196 ug/L	68.4% / NA	71.1% / 71.8%		0.976%	
Parathion	<0.224 ug/L	NA / NA	NA / NA		NA	NS
p-Dimethylaminoazobenzene	<0.259 ug/L	84.5% / NA	86.1% / 80.5%		6.70%	
Pentachlorobenzene	<0.133 ug/L	84.6% / NA	90.5% / 87.3%		3.57%	
Pentachloroethane	<5.68 ug/L	55.8% / NA	63.1% / 66.4%		5.02%	J
Pentachloronitrobenzene	<0.258 ug/L	99.1% / NA	112% / 106%		5.47%	
Pentachlorophenol	<1.28 ug/L	91.3% / NA	95.1% / 93.4%		1.79%	
Phenacetin	<0.200 ug/L	96.4% / NA	102% / 99.5%		2.85%	
Phenanthrene	<0.572 ug/L	86.1% / NA	94.3% / 89.8%		4.88%	
Phenol	<0.348 ug/L	47.5% / NA	50.3% / 50.9%		1.19%	
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	91.4% / NA	101% / 94.1%		7.45%	
Pyrene	<0.489 ug/L	86.3% / NA	91.8% / 90.4%		1.48%	
Pyridine	<1.39 ug/L	40.3% / NA	44.3% / 48.6%		9.30%	
Safrole	<0.484 ug/L	161% / NA	172% / 168%		2.13%	%D1, %D2
Sulfotep	<0.344 ug/L	NA / NA	NA / NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	76.9% / NA	83.4% / 79.7%		4.46%	
2,4,6-Tribromophenol [surr]	90.5 %	91.0% / NA	101% / 96.3%		NA	
2-Fluorobiphenyl [surr]	86.0 %	87.8% / NA	94.0% / 91.5%		NA	
2-Fluorophenol [surr]	66.6 %	61.0% / NA	66.2% / 64.0%		NA	
Nitrobenzene-d5 [surr]	93.2 %	86.9% / NA	95.6% / 94.7%		NA	
Phenol-d5 [surr]	49.2 %	47.7% / NA	49.9% / 49.8%		NA	
Terphenyl-d14 [surr]	120 %	116% / NA	122% / 118%		NA	

Total Metals -- Batch: B508503 (Water)

Prepared: 26-Aug-25 12:11 By: KAW -- Analyzed: 26-Aug-25 14:33 By: KAW

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	98.6% / NA	104% / 107%		3.06%	

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QUALITY CONTROL RESULTS

Volatiles -- Batch: B508515 (Water)

Prepared: 26-Aug-25 15:15 By: TB -- Analyzed: 26-Aug-25 18:01 By: tb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	94.9% / NA	91.7% / 92.9%		1.29%	
1,1,1-Trichloroethane	<0.261 ug/L	82.7% / NA	80.8% / 82.2%		1.77%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	95.4% / NA	90.8% / 91.8%		1.05%	
1,1,2-Trichloroethane	<0.210 ug/L	86.6% / NA	83.8% / 81.8%		2.39%	
1,1-Dichloroethane	<0.248 ug/L	91.3% / NA	88.1% / 89.6%		1.75%	
1,1-Dichloroethene	<0.303 ug/L	87.1% / NA	83.2% / 86.7%		4.08%	
1,2,3-Trichloropropane	<0.471 ug/L	87.3% / NA	83.6% / 83.1%		0.638%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	92.4% / NA	90.1% / 86.3%		4.26%	
1,2-Dibromoethane	<0.250 ug/L	85.1% / NA	81.3% / 82.6%		1.57%	
1,2-Dichlorobenzene	<0.173 ug/L	90.6% / NA	89.5% / 88.8%		0.732%	
1,2-Dichloroethane	<0.235 ug/L	92.6% / NA	88.6% / 87.7%		1.12%	
1,2-Dichloropropane	<0.259 ug/L	101% / NA	95.7% / 95.5%		0.200%	
1,3-Dichlorobenzene	<0.220 ug/L	91.5% / NA	89.5% / 88.9%		0.689%	
1,4-Dichlorobenzene	<0.158 ug/L	91.1% / NA	90.3% / 89.6%		0.828%	
2-Butanone	<0.461 ug/L	91.2% / NA	86.4% / 87.2%		0.913%	
2-Hexanone	<0.372 ug/L	106% / NA	95.9% / 92.6%		3.45%	
4-Methyl-2-pentanone	<0.281 ug/L	110% / NA	98.0% / 96.5%		1.60%	
Acetone	<1.49 ug/L	82.5% / NA	70.9% / 71.0%		0.0641%	
Acetonitrile	<12.4 ug/L	82.0% / NA	91.0% / 84.4%		7.53%	
Acrolein	<1.00 ug/L	92.3% / NA	86.7% / 88.2%		1.74%	
Acrylonitrile	<0.389 ug/L	95.7% / NA	86.6% / 88.5%		2.22%	
Allyl chloride	<0.539 ug/L	88.6% / NA	92.7% / 91.1%		1.83%	
Benzene	<0.263 ug/L	85.6% / NA	82.2% / 86.3%		4.88%	
Bromodichloromethane	<0.195 ug/L	90.4% / NA	84.0% / 85.2%		1.43%	
Bromoform	<0.278 ug/L	90.7% / NA	84.7% / 87.8%		3.62%	
Bromomethane	<0.530 ug/L	94.8% / NA	93.2% / 91.4%		1.93%	
Carbon disulfide	<0.300 ug/L	99.5% / NA	95.7% / 97.2%		1.60%	
Carbon Tetrachloride	<0.484 ug/L	84.0% / NA	83.1% / 83.2%		0.177%	
Chlorobenzene	<0.181 ug/L	92.3% / NA	91.0% / 92.5%		1.64%	
Chloroethane	<0.392 ug/L	103% / NA	98.9% / 99.0%		0.0610%	
Chloroform	<0.244 ug/L	83.5% / NA	80.0% / 82.9%		3.55%	
Chloromethane	<0.155 ug/L	105% / NA	98.5% / 102%		3.11%	
Chloroprene	<1.00 ug/L	89.5% / NA	86.3% / 86.1%		0.133%	E2-F
cis-1,3-Dichloropropene	<0.123 ug/L	85.9% / NA	80.7% / 81.6%		1.15%	
Dibromochloromethane	<0.202 ug/L	84.5% / NA	80.1% / 80.3%		0.254%	
Dibromomethane	<0.174 ug/L	83.3% / NA	83.2% / 79.0%		5.15%	%D1
Dichlorodifluoromethane	<0.266 ug/L	103% / NA	99.6% / 102%		2.74%	
Ethyl Methacrylate	<0.843 ug/L	101% / NA	100% / 98.8%		1.20%	
Ethylbenzene	<0.274 ug/L	97.0% / NA	92.9% / 96.5%		3.74%	
Iodomethane	<0.432 ug/L	75.8% / NA	75.2% / 76.5%		1.72%	E21
Isobutyl alcohol	<1.68 ug/L	87.0% / NA	89.3% / 91.7%		2.65%	
m,p-Xylene	<0.500 ug/L	96.0% / NA	92.4% / 94.2%		1.96%	
Methacrylonitrile	<3.29 ug/L	88.9% / NA	92.9% / 90.2%		2.97%	
Methyl Methacrylate	<0.806 ug/L	92.4% / NA	89.7% / 91.0%		1.50%	
Methylene Chloride	0.271 ug/L	81.7% / NA	79.4% / 83.3%		4.74%	B, J
Naphthalene	<0.114 ug/L	82.0% / NA	80.1% / 78.2%		2.39%	
o-Xylene	<0.206 ug/L	93.2% / NA	89.7% / 91.8%		2.29%	
Propionitrile	<2.28 ug/L	85.5% / NA	88.5% / 88.3%		0.206%	

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QUALITY CONTROL RESULTS

Volatiles -- Batch: B508515 (Water)

Prepared: 26-Aug-25 15:15 By: TB -- Analyzed: 26-Aug-25 18:01 By: tb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	93.1% / NA	87.9% / 90.0%		2.38%	
Tetrachloroethene	<0.268 ug/L	94.7% / NA	94.1% / 90.4%		4.03%	
Toluene	<0.295 ug/L	93.5% / NA	89.6% / 91.7%		2.38%	
trans-1,2-Dichloroethene	<0.320 ug/L	86.6% / NA	81.3% / 86.1%		5.74%	%D1
trans-1,3-Dichloropropene	<0.155 ug/L	82.0% / NA	77.3% / 78.0%		0.923%	%D1
trans-1,4-Dichloro-2-butene	<0.430 ug/L	103% / NA	98.1% / 94.0%		4.20%	
Trichloroethene	<0.306 ug/L	89.7% / NA	87.1% / 86.7%		0.541%	
Trichlorofluoromethane	<0.423 ug/L	93.3% / NA	87.7% / 91.6%		4.32%	
Vinyl acetate	<0.880 ug/L	124% / NA	123% / 124%		0.765%	E-01
Vinyl chloride	<0.369 ug/L	98.2% / NA	96.1% / 96.7%		0.719%	
1,2-Dichloroethane-d4 [surr]	90.7 %	97.0% / NA	96.6% / 93.8%		NA	
4-Bromofluorobenzene [surr]	97.8 %	101% / NA	100% / 99.7%		NA	
Toluene-d8 [surr]	98.4 %	102% / NA	102% / 99.1%		NA	

Wet Chemistry -- Batch: B508526 (Water)

Prepared: 27-Aug-25 08:28 By: KJ -- Analyzed: 27-Aug-25 08:28 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.002 mg/L	96.0% / 91.0%	99.0% / NA		5.35%	

Anions -- Batch: B508541 (Water)

Prepared: 28-Aug-25 07:16 By: MB -- Analyzed: 28-Aug-25 15:08 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	106% / NA	98.0% / 98.2%		0.204%	

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QUALITY CONTROL RESULTS

Total Metals -- Batch: B508544 (Water)

Prepared: 28-Aug-25 08:24 By: ST -- Analyzed: 02-Sep-25 11:57 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	94.2% / NA	94.4% / 102%		7.83%	
Arsenic	<0.052 ug/L	97.1% / NA	104% / 100%		3.37%	
Barium	<0.078 ug/L	95.0% / NA	96.7% / 107%		8.16%	
Beryllium	<0.074 ug/L	109% / NA	94.3% / 100%		5.99%	
Cadmium	<0.038 ug/L	101% / NA	106% / 102%		3.99%	
Chromium	<0.0751 ug/L	98.6% / NA	99.3% / 96.8%		2.55%	
Cobalt	<0.035 ug/L	97.1% / NA	101% / 96.1%		4.57%	
Copper	<0.149 ug/L	97.2% / NA	101% / 96.8%		4.17%	
Lead	<0.115 ug/L	95.3% / NA	96.0% / 104%		8.14%	
Nickel	<0.42 ug/L	98.3% / NA	100% / 97.6%		2.88%	
Selenium	<1.50 ug/L	95.3% / NA	102% / 101%		0.936%	
Silver	<0.099 ug/L	98.8% / NA	102% / 97.6%		4.31%	
Thallium	<0.035 ug/L	97.9% / NA	98.1% / 106%		7.90%	
Tin	<1.62 ug/L	92.8% / NA	93.2% / 101%		7.98%	
Vanadium	<0.042 ug/L	101% / NA	103% / 99.9%		3.58%	
Zinc	<4.89 ug/L	106% / NA	118% / 104%		12.9%	

Anions -- Batch: B509008 (Water)

Prepared: 02-Sep-25 10:28 By: MB -- Analyzed: 02-Sep-25 13:06 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	98.4% / NA	96.7% / 99.5%		2.85%	

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
 *B: Analyte Is Found In The Associated Blank
 *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.
 *E1: Estimated Result Due to Surrogate Failure
 *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
 *EDL: Elevated Detection Limit Due to one or more of the following: Sample Matrix, Sample Dilution, or Limited Sample Volume
 *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).

16 September 2025



Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2025
Date Received: 22-Aug-25 15:28

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.

A handwritten signature in blue ink, reading "Norma James", is positioned above a horizontal line.

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-Sp, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Ti, Sn, V, Zn), (7470A-Hg)		Appendix IX Herbicides (8151)		Appendix IX Pesticides (8081) / Appendix IX PCBs (8082)		Appendix IX SemiVolatiles (8270)		Appendix IX PCBs (SUBCONTRACT)**		Arkansas Analytical Work Order Number: 2508443					
Field Number		SAMPLE COLLECTION		Grab		Comp		Number of Bottles		Sample Matrix		IDENTIFICATION / DESCRIPTION																			
		Date/s Time/s																													
		8-22-25 1125		X				12		Water		MW-16 (mg/mso)																			
		8-22-25 1318		X				12		Water		mw-2																			
		8-22-25 1236		X				12		Water		FB																			
*		8-22-25 930*		X				12		Water		Leachate cell-1																			
*		8-22-25 750*		X				12		Water		Leachate cell-2																			
		8-22-25 1342		X				12		Water		Leachate 3-8																			
		8-22-25 910		X				12		Water		mw-45																			
		8-22-25 9:40		X				12		Water		mw-65																			
		8-22-25 8:10		X				12		Water		MW-85																			
* *		8-22-25 1207*		X				12		Water		* POP MW-12 * 10																			
4. Relinquished by: (Signature)				Date/Time				2. Received by: (Signature)				SAMPLE CONDITION UPON RECEIPT IN LAB										REMARKS / SAMPLE COMMENTS									
Wes Williams				8-22-25 13:13 X				Blank				1. CUSTODY SEALS: Yes No										Email: 13- JWP Blank									
Wes Williams				8-22-25 1528				Blank				2. CONTAINERS CORRECT: Yes No										Cole Clark - cole.clark@veolia.com									
Blank				Blank				Blank				3. COC/LABELS AGREE: Yes No										David Jaros - david.jaros@terracon.com									
Blank				Blank				Blank				4. RECEIVED ON ICE: Yes No										Paul Gramling - paul.gramling@terracon.com									
Blank				Blank				Blank				5. TEMPERATURE ON RECEIPT: 2 °C										Matt Acree - Matt.Acree@terracon.com									
Blank				Blank				Blank				6. TEMPERATURE GUN ID: HHT# 6										* Both Leachate cells were labeled #2, went by times on 8/22/25									
FOR COMPLETION BY LAB ONLY																															

* Pesticides/POBs added to Leachate 2 - per sample containers received - 8/27/25-5

* This Blank NOT listed on 8/29/25

Revision 3 1/4/16

* MW-12 was received but the bottles weren't listed on the chain. MW-12 is 10, dup. is 11 * JW-8/25/25 @ 1207. JW 8/25/25

* No dup received bottles received were labeled MW-12 listed on the bottles/chains. JW 8/25/25

Report Prepared for:

Norma James
Arkansas Analytical
8100 National Drive
Little Rock AR 72209

REPORT OF LABORATORY ANALYSIS FOR PCDD/PCDF

Report Prepared Date:

September 16, 2025

Report Information:

Pace Project #: 10747864

Sample Receipt Date: 08/28/2025

Client Project #: Quarterly Dioxin Sampling

Client Sub PO #: N/A

State Cert #: 88-0680

Invoicing & Reporting Options:

The report provided has been invoiced as a Level 2 PCDD/PCDF Report. If an upgrade of this report package is requested, an additional charge may be applied.

Please review the attached invoice for accuracy and forward any questions to Joanne Richardson, your Pace Project Manager.

This report has been reviewed by:



September 16, 2025

Joanne Richardson, Project Manager
(612) 607-6453
(612) 607-6444 (fax)



Report of Laboratory Analysis

This report should not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc.

The results relate only to the samples included in this report.

DISCUSSION

This report presents the results from the analyses performed on twenty-four samples submitted by a representative of Arkansas Analytical. The samples were analyzed for the presence or absence of Appendix IX List polychlorodibenzo-p-dioxins (PCDDs) and polychlorodibenzofurans (PCDFs) using a modified version of USEPA Method 8290. The estimated detection limits (EDLs) were based on signal-to-noise measurements.

The isotopically-labeled PCDD/PCDF internal standards in the sample extracts were recovered at 58-113%. All of the labeled internal standard recoveries obtained for this project were within the 40-135% target range specified in Method 8290. Since the quantification of the native 2,3,7,8-substituted congeners was based on isotope dilution, the data were automatically corrected for recovery and accurate values were obtained.

Values were flagged "I" where incorrect isotope ratios were obtained. Concentrations below the calibration range were flagged "J" and should be regarded as estimates.

A laboratory method blank was prepared and analyzed with each sample batch as part of our routine quality control procedures. The results show the blanks to contain trace levels of selected congeners. These levels were below the calibration range of the method. Sample concentrations similar to the corresponding blank levels were flagged "B" on the results tables and may be, at least partially, attributed to the background.

Laboratory and matrix spike samples were also prepared using clean reference matrix or sample matrix that had been fortified with native standard materials. The results show that the spiked native compounds were recovered at 85-115% with relative percent differences of 0.0-12.0%. These results were within the target ranges for the method. Matrix spikes were not prepared with the 05/05/2025 extraction batch.

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
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Minnesota Laboratory Certifications

Authority	Certificate #	Authority	Certificate #
A2LA	2926.01	Missouri	10100
Alabama	40770	Montana	CERT0092
Alaska-DW	MN00064	Nebraska	NE-OS-18-06
Alaska-UST	17-009	Nevada	MN00064
Arizona	AZ0014	New Hampshire	2081
Arkansas - WW	88-0680	New Jersey	MN002
Arkansas-DW	MN00064	New York	11647
California	2929	North Carolina-DW	27700
Colorado	MN00064	North Carolina-WW	530
Connecticut	PH-0256	North Dakota	R-036
Florida	E87605	Ohio-DW	41244
Georgia	959	Ohio-VAP (1700)	CL101
Idaho	MN00064	Ohio-VAP (1800)	CL110
Illinois	200011	Oklahoma	9507
Indiana	C-MN-01	Oregon-Primary	MN300001
Iowa	368	Oregon-Secondary	MN200001
Kansas	E-10167	Pennsylvania	68-00563
Kentucky-DW	90062	Puerto Rico	MN00064
Kentucky-WW	90062	South Carolina	74003
Louisiana-DEQ	AI-84596	Tennessee	TN02818
Louisiana-DW	MN00064	Texas	T104704192
Maine	MN00064	Utah	MN00064
Maryland	322	Vermont	VT-027053137
Michigan	9909	Virginia	460163
Minnesota	027-053-137	Washington	C486
Minnesota-Ag	via MN 027-053-137	West Virginia-DEP	382
Minnesota-Petrofund	1240	West Virginia-DW	9952C
Mississippi	MN00064	Wisconsin	999407970
		Wyoming-UST	via A2LA 2926.01

REPORT OF LABORATORY ANALYSIS

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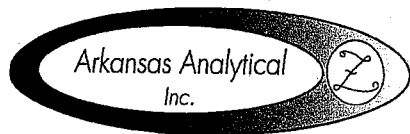
Pace Analytical Services, LLC
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Appendix A

Sample Management

REPORT OF LABORATORY ANALYSIS

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

SUBCONTRACT CHAIN OF CUSTODY RECORD

CLIENT INFORMATION						Project Description		Turnaround Time	Preservation Codes:											
Arkansas Analytical, Inc.						Dioxin/Furan Samples		1 Day	1. Cool, 6 Degrees Centigrade						4. Thiosulfate for Dechlorination					
8100 National Dr.						3rd Quarter -- August 2025		2 Day	2. Sulfuric Acid (H ₂ SO ₄), pH < 2						5. Hydrochloric Acid (HCl)					
Little Rock, AR 72209						Reporting Information		3 Day	3. Nitric Acid (HNO ₃), pH < 2						6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Norma James						Telephone: 501-455-3233		<u>Routine</u>	TEST PARAMETERS										Bottle Type Code	
						Fax: 501-455-6118		Preservative Code:	1	1								G = Glass; P = Plastic		
								Bottle Type:	GA	GA								V = Septum; A = Amber		
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION	Dioxins (Method 8290 App IX)	Furans (Method 8290 App IX)									Lab Number:		
	8/19/2025	1307	X		2	Water	MW-25	X	X									001		
	8/19/2025	1007	X		2	Water	MW-26	X	X									002		
	8/19/2025	0833	X		2	Water	MW-27	X	X									003		
	8/19/2025	1150	X		4	Water	MW-28 (MS/MSD)	X	X									004		
	8/20/2025	0855	X		2	Water	27-PZ-2	X	X									005		
	8/20/2025	0928	X		2	Water	24-PZ-2	X	X									006		
	8/20/2025	1020	X		2	Water	MW-24	X	X									007		
	8/21/2025	0851	X		2	Water	MW-18	X	X									008		
	8/21/2025	0937	X		2	Water	MW-4	X	X									009		
	8/21/2025	1021	X		2	Water	MW-6	X	X									010		
1. Relinquished by: (Signature)			Date/Time			2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB						REMARKS / SAMPLE COMMENTS					
Sydney James			8/27/25 1100			FedEx			1. CUSTODY SEALS: ____ Yes ____ No						Please Email Results :					
									2. CONTAINERS CORRECT: ____ Yes ____ No						njames@arkansasanalytical.com					
3. Relinquished by: (Signature)			Date/Time			4. Received by lab: (Signature)			3. COC/LABELS AGREE: ____ Yes ____ No						sjames@arkansasanalytical.com					
FedEx			8/28/25 0950			Paul Boyer Pax			4. RECEIVED ON ICE: ____ Yes ____ No						WO#: 10747864					
									5. TEMPERATURE ON RECEIPT: ____ °C											
FOR COMPLETION BY LAB ONLY																				

EZ: 3284669

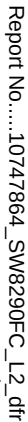
Pg. 1 of 3



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

SUBCONTRACT CHAIN OF CUSTODY RECORD

CLIENT INFORMATION				Project Description		Turnaround Time	Preservation Codes:										
Arkansas Analytical, Inc.				Dioxin/Furan Samples		1 Day	1. Cool, 6 Degrees Centigrade					4. Thiosulfate for Dechlorination					
8100 National Dr.				3rd Quarter -- August 2025		2 Day	2. Sulfuric Acid (H ₂ SO ₄), pH < 2					5. Hydrochloric Acid(HCl)					
Little Rock, AR 72209				Reporting Information		3 Day	3. Nitric Acid (HNO ₃), pH < 2					6. Sodium Hydroxide (NaOH), pH > 12					
Attn: Norma James				Telephone: 501-455-3233		<u>Routine</u>	TEST PARAMETERS										
				Fax: 501-455-6118		Preservative Code:	1	1								Bottle Type Code	
						Bottle Type:	GA	GA								G = Glass; P = Plastic V = Septum; A = Amber	
Field Number	SAMPLE COLLECTION		Grab	Comp	Number of Bottles	Sample Matrix	SAMPLE IDENTIFICATION/ DESCRIPTION		Dioxins (Method 8290 App IX)	Furans (Method 8290 App IX)							Lab Number:
	8/21/2025	1111	X		2	Water	MW-8		X	X							011
	8/21/2025	1212	X		2	Water	MW-29		X	X							012
	8/21/2025	1240	X		2	Water	MW-30		X	X							013
	8/21/2025	1255	X		2	Water	MW-31		X	X							014
	8/21/2025	1315	X		2	Water	31-PZ-2		X	X							015
	8/21/2025	1405	X		2	Water	MW-1A		X	X							016
	8/22/2025	1125	X		2	Water	MW-16 (MS/MSD)		X	X							017
	8/22/2025	1318	X		2	Water	MW-2		X	X							018
	8/22/2025	1236	X		2	Water	Field Blank		X	X							019
	8/22/2025	0930	X		2	Water	Leachate Cell 1		X	X							020
1. Relinquished by: (Signature)			Date/Time		2. Received by: (Signature)			SAMPLE CONDITION UPON RECEIPT IN LAB				REMARKS / SAMPLE COMMENTS					
Sydney James			8/27/25. 1100		Fedex			1. CUSTODY SEALS: ____Yes ____No 2. CONTAINERS CORRECT: ____Yes ____No 3. COC/LABELS AGREE: ____Yes ____No 4. RECEIVED ON ICE: ____Yes ____No 5. TEMPERATURE ON RECEIPT: ____°C				Please Email Results : njames@arkansasanalytical.com sjames@arkansasanalytical.com					
3. Relinquished by: (Signature)			Date/Time		4. Received by lab: (Signature)			FOR COMPLETION BY LAB ONLY									
Fedex			8/28/25 800		[Signature]												



Page 7 of 50

Pg. 3 of 3

Revision 3
1/4/16

ENV-FRM-MIN4-0150 v19 Sample Condition Upon Receipt

Person Examining & Date: KRM 8/28/25

PROJECT #:

WO#: **10747864**

PM: JMR

Due Date: 09/12/25

CLIENT: Arkansas

Client Name: Arkansas Analytical

Custody Seal Present: ☒ YES ☐ NO Seals Intact: ☒ YES ☐ NO

Tracking Number: 4510 49980032 ☐ See Exceptions form ENV-FRM-MIN4-0142.

Courier: ☐ Client ☐ Commercial ☒ FedEx ☐ Pace Courier/Field ☐ Speedee ☐ UPS ☐ USPS

Packing Material: ☒ Bubble Bags ☐ Bubble Wrap ☐ None ☐ Other: _____ Biological Tissue Frozen: ☐ YES ☒ NO

Thermometer: ☐ T1 (0461) ☐ T2 (0431) ☐ T3 (0459) ☐ T4 (0402) ☐ T5 (0187) ☒ T6 (0396) ☐ T7 (0377) ☐ T8 (0775) ☐ T9 (0428) ☐ 01339252 (0710)

Type of Ice: ☐ Blue ☐ Dry ☒ Wet ☐ Melted ☐ None

Temp Blank: ☒ YES ☐ NO

NOTE: Temp should be $\leq 6^{\circ}\text{C}$, but above freezing.

Read Temp w/Temp Blank: 1.1 $^{\circ}\text{C}$

Correction Factor: _____

Corrected Temp w/Temp Blank: 1.1 $^{\circ}\text{C}$

Did Samples Originate in West Virginia: ☐ YES ☒ NO (list temps on exception)

Were All Container Temps Taken: ☐ YES ☐ NO ☒ N/A

Average Corrected Temp (No Temp Blank Only): _____

☐ See Exceptions form ENV-FRM-MIN4-0142. ☐ 1 Container

USDA Regulated Soil: ☒ N/A ☐ Water Sample/Other (describe): _____

Did Samples originate from one of the following states (check maps): ☐ YES ☐ NO

Circle State: AL, AR, AZ, CA, FL, GA, ID, LA, MS, NC, NM, NY, OK, OR, SC, TN, TX, VA

Are samples from a foreign source (international, including Hawaii and Puerto Rico): ☐ YES ☐ NO

NOTE: If YES to either question, fill out a Regulated Soil Checklist (ENV-FRM-MIN4-0154) and include with SCUR/COC paperwork.

LOCATION (check one): ☐ DULUTH ☒ MINNEAPOLIS ☐ VIRGINIA	YES	NO	N/A	COMMENT(S)
Chain of Custody Present and Filled Out? (i.e., Analysis/ID/Date/Time)	☒	☐		1.
Chain of Custody Relinquished?	☒	☐		2. <u>00460-0018</u>
Sampler Name and/or Signature on COC?	☒	☐	☐	3.
Samples Arrived within Hold Time?	☒	☐		4.
If Fecal: ☐ <8 hrs ☐ >8 hr but <24 hr ☐ >24 hr		☒		5. ☐ BOD / cBOD ☐ Fecal coliform ☐ Hex Chrom ☐ HPC ☐ Nitrate ☐ Nitrite ☐ Ortho Phos ☐ Total coliform/E. coli ☐ Turbidity ☐ Other: _____
Short Hold Time Analysis (<72 hr)?	☐	☒		6. ☐ Same Day ☐ 1 Day ☐ 2 Day ☐ 3 Day ☐ 5 Day Due Date: _____
Rush Turn Around Time Requested?	☐	☒		7.
Sufficient Sample Volume? (If NO, list approximate volume in section 7.)	☒	☐		8. <u>4 Aglu for -017</u>
Correct Containers Used?	☒	☐	☐	9.
— Pace Containers Used?	☒	☐		10.
Containers Intact?	☒	☐		11. Is sediment visible in the dissolved container: ☐ YES ☐ NO
Field Filtered Volume Received for Dissolved Tests?	☐	☐	☒	12. ☐ See Exceptions form ENV-FRM-MIN4-0142
ID/Date/Time Match? (If NO, fill out section 11.)	☒	☐	☐	
Matrix: ☐ Oil ☐ Soil ☐ Water ☐ Other				
All containers needing acid/base preservation have been checked?	☐	☐	☒	
Sample #:				
☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ Zinc Acetate				
pH Paper Lot #:				
☐ Residual Chlorine ☐ 0-6 Roll ☐ 0-6 Strip ☐ 0-14 Strip				
Preserved containers in compliance with EPA recommendations? (HNO3, H2SO4, < 2 pH, NaOH > 9 Sulfide, NaOH > 10 Cyanide)	☐	☐	☒	☐ See Exceptions form ENV-FRM-MIN4-0142
EXCEPTIONS (water only): VOA, Coliform, TOC/DOC, Oil & Grease, Phenols, DRO/8015, Dioxins, and PFAS	☐	☐	☒	
Extra labels present on soil VOA or WIDRO containers? (soil only)	☐	☐	☒	13.
Headspace in Methyl Mercury Container?	☐	☐	☒	14.
Headspace in VOA Vials (greater than 6mm)?	☐	☐	☒	☐ See Exceptions form ENV-FRM-MIN4-0140
Trip Blanks Present?	☐	☐	☒	15.
Trip Blank Custody Seals Present?	☐	☐	☒	Pace Trip Blank Lot # (if purchased): _____

CLIENT NOTIFICATION / RESOLUTION:

Labeled By: _____ Line: _____

Person Contacted & Date/Time: _____

PM Review & Date: Joanne Richardson 8-29-25

NOTE: When there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEQ Certification Office.

Qualtrax ID: 52742

Effective Date: 03/04/25

Page 1 of 1

Pace® Analytical Services, LLC (PAS)

Report No.....10747864_SW8290FC_L2_dfr

Page 8 of 50



Reporting Flags

- A = Reporting Limit based on signal to noise (EDL)
- B = Less than 10x higher than method blank level
- C = Result obtained from confirmation analysis
- D = Result obtained from analysis of diluted sample
- E = Exceeds calibration range
- H2 = Extracted outside of holding time
- I = Isotope ratio out of specification
- J = Estimated value
- L = Suppressive interference, analyte may be biased low
- Nn = Value obtained from additional analysis
- P = PCDE Interference
- R = Recovery outside target range
- S = Peak saturated
- U = Analyte not detected
- V = Result verified by confirmation analysis
- X = %D Exceeds limits
- Y = Calculated using average of daily RFs

REPORT OF LABORATORY ANALYSIS

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Pace Analytical Services, LLC
1700 Elm Street, Suite 200
Minneapolis, MN 55414
Phone: 612.607.1700
Fax: 612.607.6444
www.pacelabs.com

Appendix B

Sample Analysis Summary

REPORT OF LABORATORY ANALYSIS

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-25		
Lab Sample ID	10747864001		
Filename	U250912B_03		
Injected By	SMT		
Total Amount Extracted	957 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/19/2025 13:07
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 12:29

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.73	2,3,7,8-TCDF-13C	2.00	86
Total TCDF	ND	----	0.73	2,3,7,8-TCDD-13C	2.00	77
				1,2,3,7,8-PeCDF-13C	2.00	72
2,3,7,8-TCDD	ND	----	1.0	2,3,4,7,8-PeCDF-13C	2.00	77
Total TCDD	ND	----	1.0	1,2,3,7,8-PeCDD-13C	2.00	85
				1,2,3,4,7,8-HxCDF-13C	2.00	90
1,2,3,7,8-PeCDF	ND	----	0.87	1,2,3,6,7,8-HxCDF-13C	2.00	82
2,3,4,7,8-PeCDF	ND	----	0.56	2,3,4,6,7,8-HxCDF-13C	2.00	87
Total PeCDF	ND	----	0.87	1,2,3,7,8,9-HxCDF-13C	2.00	85
				1,2,3,4,7,8-HxCDD-13C	2.00	82
1,2,3,7,8-PeCDD	ND	----	0.44	1,2,3,6,7,8-HxCDD-13C	2.00	84
Total PeCDD	ND	----	0.44			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.52	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.50			
2,3,4,6,7,8-HxCDF	ND	----	0.44	2,3,7,8-TCDD-37Cl4	0.20	81
1,2,3,7,8,9-HxCDF	----	1.4	0.57 J			
Total HxCDF	ND	----	0.57			
1,2,3,4,7,8-HxCDD	2.2	----	0.44 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.43			
1,2,3,7,8,9-HxCDD	ND	----	0.42			
Total HxCDD	2.2	----	0.44 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-26		
Lab Sample ID	10747864002		
Filename	U250912B_04		
Injected By	SMT		
Total Amount Extracted	943 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/19/2025 10:07
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 13:16

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.52	2,3,7,8-TCDF-13C	2.00	80
Total TCDF	ND	----	0.52	2,3,7,8-TCDD-13C	2.00	73
				1,2,3,7,8-PeCDF-13C	2.00	71
2,3,7,8-TCDD	ND	----	0.70	2,3,4,7,8-PeCDF-13C	2.00	76
Total TCDD	ND	----	0.70	1,2,3,7,8-PeCDD-13C	2.00	83
				1,2,3,4,7,8-HxCDF-13C	2.00	87
1,2,3,7,8-PeCDF	ND	----	0.38	1,2,3,6,7,8-HxCDF-13C	2.00	80
2,3,4,7,8-PeCDF	ND	----	0.28	2,3,4,6,7,8-HxCDF-13C	2.00	82
Total PeCDF	ND	----	0.38	1,2,3,7,8,9-HxCDF-13C	2.00	82
				1,2,3,4,7,8-HxCDD-13C	2.00	82
1,2,3,7,8-PeCDD	ND	----	0.32	1,2,3,6,7,8-HxCDD-13C	2.00	84
Total PeCDD	ND	----	0.32			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.51	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.49			
2,3,4,6,7,8-HxCDF	ND	----	0.46			
1,2,3,7,8,9-HxCDF	----	0.92	0.60	2,3,7,8-TCDD-37Cl4	0.20	74
Total HxCDF	ND	----	0.60			
1,2,3,4,7,8-HxCDD	2.4	----	0.53			
1,2,3,6,7,8-HxCDD	ND	----	0.45			
1,2,3,7,8,9-HxCDD	ND	----	0.48			
Total HxCDD	2.4	----	0.53			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-27		
Lab Sample ID	10747864003		
Filename	U250912B_05		
Injected By	SMT		
Total Amount Extracted	958 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/19/2025 08:33
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 14:02

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.56	2,3,7,8-TCDF-13C	2.00	78
Total TCDF	ND	----	0.56	2,3,7,8-TCDD-13C	2.00	72
				1,2,3,7,8-PeCDF-13C	2.00	69
2,3,7,8-TCDD	ND	----	0.56	2,3,4,7,8-PeCDF-13C	2.00	72
Total TCDD	ND	----	0.56	1,2,3,7,8-PeCDD-13C	2.00	81
				1,2,3,4,7,8-HxCDF-13C	2.00	83
1,2,3,7,8-PeCDF	ND	----	0.35	1,2,3,6,7,8-HxCDF-13C	2.00	78
2,3,4,7,8-PeCDF	ND	----	0.25	2,3,4,6,7,8-HxCDF-13C	2.00	81
Total PeCDF	ND	----	0.35	1,2,3,7,8,9-HxCDF-13C	2.00	78
				1,2,3,4,7,8-HxCDD-13C	2.00	76
1,2,3,7,8-PeCDD	ND	----	0.18	1,2,3,6,7,8-HxCDD-13C	2.00	79
Total PeCDD	ND	----	0.18			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.41	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.40			
2,3,4,6,7,8-HxCDF	ND	----	0.40	2,3,7,8-TCDD-37Cl4	0.20	77
1,2,3,7,8,9-HxCDF	1.2	----	0.48 J			
Total HxCDF	1.2	----	0.48 BJ			
1,2,3,4,7,8-HxCDD	2.1	----	0.58 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.49			
1,2,3,7,8,9-HxCDD	ND	----	0.52			
Total HxCDD	2.1	----	0.58 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-28		
Lab Sample ID	10747864004		
Filename	U250905A_12		
Injected By	AH5		
Total Amount Extracted	943 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/19/2025 11:50
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250905A_02 & U250905A_18	Extracted	09/03/2025 11:33
Method Blank ID	BLANK-121012	Analyzed	09/05/2025 16:58

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.31	2,3,7,8-TCDF-13C	2.00	91
Total TCDF	ND	----	0.31	2,3,7,8-TCDD-13C	2.00	90
				1,2,3,7,8-PeCDF-13C	2.00	89
2,3,7,8-TCDD	ND	----	0.62	2,3,4,7,8-PeCDF-13C	2.00	92
Total TCDD	ND	----	0.62	1,2,3,7,8-PeCDD-13C	2.00	100
				1,2,3,4,7,8-HxCDF-13C	2.00	113
1,2,3,7,8-PeCDF	ND	----	0.30	1,2,3,6,7,8-HxCDF-13C	2.00	102
2,3,4,7,8-PeCDF	ND	----	0.21	2,3,4,6,7,8-HxCDF-13C	2.00	103
Total PeCDF	ND	----	0.30	1,2,3,7,8,9-HxCDF-13C	2.00	98
				1,2,3,4,7,8-HxCDD-13C	2.00	93
1,2,3,7,8-PeCDD	ND	----	0.27	1,2,3,6,7,8-HxCDD-13C	2.00	105
Total PeCDD	ND	----	0.27			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.48	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.49			
2,3,4,6,7,8-HxCDF	ND	----	0.46	2,3,7,8-TCDD-37Cl4	0.20	90
1,2,3,7,8,9-HxCDF	----	1.2	0.61 J			
Total HxCDF	ND	----	0.61			
1,2,3,4,7,8-HxCDD	2.7	----	0.65 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.62			
1,2,3,7,8,9-HxCDD	ND	----	0.63			
Total HxCDD	2.7	----	0.65 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	27-PZ-2		
Lab Sample ID	10747864005		
Filename	U250912B_06		
Injected By	SMT		
Total Amount Extracted	931 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/20/2025 08:55
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 14:49

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L		Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.44		2,3,7,8-TCDF-13C	2.00	84
Total TCDF	ND	----	0.44		2,3,7,8-TCDD-13C	2.00	77
					1,2,3,7,8-PeCDF-13C	2.00	74
2,3,7,8-TCDD	ND	----	0.66		2,3,4,7,8-PeCDF-13C	2.00	78
Total TCDD	ND	----	0.66		1,2,3,7,8-PeCDD-13C	2.00	85
					1,2,3,4,7,8-HxCDF-13C	2.00	87
1,2,3,7,8-PeCDF	1.1	----	0.27	J	1,2,3,6,7,8-HxCDF-13C	2.00	81
2,3,4,7,8-PeCDF	----	0.44	0.19	Jl	2,3,4,6,7,8-HxCDF-13C	2.00	84
Total PeCDF	1.1	----	0.27	J	1,2,3,7,8,9-HxCDF-13C	2.00	84
					1,2,3,4,7,8-HxCDD-13C	2.00	81
1,2,3,7,8-PeCDD	----	0.80	0.37	Jl	1,2,3,6,7,8-HxCDD-13C	2.00	83
Total PeCDD	ND	----	0.37				
					1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	----	0.89	0.51	Jl	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	----	0.56	0.49	Jl			
2,3,4,6,7,8-HxCDF	----	0.43	0.43	Jl	2,3,7,8-TCDD-37Cl4	0.20	82
1,2,3,7,8,9-HxCDF	----	1.3	0.56	Jl			
Total HxCDF	ND	----	0.56				
1,2,3,4,7,8-HxCDD	2.5	----	0.46	BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.41				
1,2,3,7,8,9-HxCDD	ND	----	0.43				
Total HxCDD	2.5	----	0.46	BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	24-PZ-2		
Lab Sample ID	10747864006		
Filename	U250912B_07		
Injected By	SMT		
Total Amount Extracted	966 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/20/2025 09:28
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 15:36

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.25	2,3,7,8-TCDF-13C	2.00	80
Total TCDF	ND	----	0.25	2,3,7,8-TCDD-13C	2.00	71
				1,2,3,7,8-PeCDF-13C	2.00	65
2,3,7,8-TCDD	ND	----	0.79	2,3,4,7,8-PeCDF-13C	2.00	67
Total TCDD	ND	----	0.79	1,2,3,7,8-PeCDD-13C	2.00	73
				1,2,3,4,7,8-HxCDF-13C	2.00	73
1,2,3,7,8-PeCDF	ND	----	0.41	1,2,3,6,7,8-HxCDF-13C	2.00	68
2,3,4,7,8-PeCDF	ND	----	0.30	2,3,4,6,7,8-HxCDF-13C	2.00	70
Total PeCDF	ND	----	0.41	1,2,3,7,8,9-HxCDF-13C	2.00	72
				1,2,3,4,7,8-HxCDD-13C	2.00	69
1,2,3,7,8-PeCDD	ND	----	0.43	1,2,3,6,7,8-HxCDD-13C	2.00	68
Total PeCDD	ND	----	0.43			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.58	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.58			
2,3,4,6,7,8-HxCDF	ND	----	0.51	2,3,7,8-TCDD-37Cl4	0.20	79
1,2,3,7,8,9-HxCDF	----	0.91	0.68 JI			
Total HxCDF	ND	----	0.68			
1,2,3,4,7,8-HxCDD	----	1.7	0.61 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.52			
1,2,3,7,8,9-HxCDD	ND	----	0.55			
Total HxCDD	ND	----	0.61			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-24		
Lab Sample ID	10747864007		
Filename	U250912B_08		
Injected By	SMT		
Total Amount Extracted	964 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/20/2025 10:20
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 16:22

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.41	2,3,7,8-TCDF-13C	2.00	73
Total TCDF	ND	----	0.41	2,3,7,8-TCDD-13C	2.00	67
				1,2,3,7,8-PeCDF-13C	2.00	68
2,3,7,8-TCDD	ND	----	0.56	2,3,4,7,8-PeCDF-13C	2.00	71
Total TCDD	ND	----	0.56	1,2,3,7,8-PeCDD-13C	2.00	78
				1,2,3,4,7,8-HxCDF-13C	2.00	83
1,2,3,7,8-PeCDF	ND	----	0.35	1,2,3,6,7,8-HxCDF-13C	2.00	76
2,3,4,7,8-PeCDF	ND	----	0.25	2,3,4,6,7,8-HxCDF-13C	2.00	80
Total PeCDF	ND	----	0.35	1,2,3,7,8,9-HxCDF-13C	2.00	77
				1,2,3,4,7,8-HxCDD-13C	2.00	76
1,2,3,7,8-PeCDD	ND	----	0.25	1,2,3,6,7,8-HxCDD-13C	2.00	77
Total PeCDD	ND	----	0.25			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.69	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.74			
2,3,4,6,7,8-HxCDF	ND	----	0.67	2,3,7,8-TCDD-37Cl4	0.20	73
1,2,3,7,8,9-HxCDF	ND	----	0.91			
Total HxCDF	ND	----	0.91			
1,2,3,4,7,8-HxCDD	2.2	----	0.70 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.62			
1,2,3,7,8,9-HxCDD	ND	----	0.65			
Total HxCDD	2.2	----	0.70 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-18		
Lab Sample ID	10747864008		
Filename	U250912B_09		
Injected By	SMT		
Total Amount Extracted	947 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 08:51
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 17:09

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.75	2,3,7,8-TCDF-13C	2.00	81
Total TCDF	ND	----	0.75	2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	70
2,3,7,8-TCDD	ND	----	0.87	2,3,4,7,8-PeCDF-13C	2.00	75
Total TCDD	ND	----	0.87	1,2,3,7,8-PeCDD-13C	2.00	82
				1,2,3,4,7,8-HxCDF-13C	2.00	89
1,2,3,7,8-PeCDF	ND	----	0.31	1,2,3,6,7,8-HxCDF-13C	2.00	82
2,3,4,7,8-PeCDF	ND	----	0.23	2,3,4,6,7,8-HxCDF-13C	2.00	84
Total PeCDF	ND	----	0.31	1,2,3,7,8,9-HxCDF-13C	2.00	83
				1,2,3,4,7,8-HxCDD-13C	2.00	79
1,2,3,7,8-PeCDD	ND	----	0.29	1,2,3,6,7,8-HxCDD-13C	2.00	80
Total PeCDD	ND	----	0.29			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.60	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.57			
2,3,4,6,7,8-HxCDF	ND	----	0.58	2,3,7,8-TCDD-37Cl4	0.20	79
1,2,3,7,8,9-HxCDF	0.99	----	0.70 J			
Total HxCDF	0.99	----	0.70 BJ			
1,2,3,4,7,8-HxCDD	----	1.6	1.0 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.87			
1,2,3,7,8,9-HxCDD	ND	----	0.92			
Total HxCDD	ND	----	1.0			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-4		
Lab Sample ID	10747864009		
Filename	U250912B_10		
Injected By	SMT		
Total Amount Extracted	948 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 09:37
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 17:55

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.38	2,3,7,8-TCDF-13C	2.00	80
Total TCDF	ND	----	0.38	2,3,7,8-TCDD-13C	2.00	73
				1,2,3,7,8-PeCDF-13C	2.00	66
2,3,7,8-TCDD	ND	----	0.55	2,3,4,7,8-PeCDF-13C	2.00	72
Total TCDD	ND	----	0.55	1,2,3,7,8-PeCDD-13C	2.00	78
				1,2,3,4,7,8-HxCDF-13C	2.00	85
1,2,3,7,8-PeCDF	ND	----	0.45	1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	ND	----	0.31	2,3,4,6,7,8-HxCDF-13C	2.00	80
Total PeCDF	ND	----	0.45	1,2,3,7,8,9-HxCDF-13C	2.00	79
				1,2,3,4,7,8-HxCDD-13C	2.00	76
1,2,3,7,8-PeCDD	ND	----	0.45	1,2,3,6,7,8-HxCDD-13C	2.00	77
Total PeCDD	ND	----	0.45			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.50	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.51			
2,3,4,6,7,8-HxCDF	ND	----	0.47	2,3,7,8-TCDD-37Cl4	0.20	78
1,2,3,7,8,9-HxCDF	----	1.5	0.61 J			
Total HxCDF	ND	----	0.61			
1,2,3,4,7,8-HxCDD	2.1	----	0.62 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.53			
1,2,3,7,8,9-HxCDD	ND	----	0.56			
Total HxCDD	2.1	----	0.62 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-6		
Lab Sample ID	10747864010		
Filename	U250912B_11		
Injected By	SMT		
Total Amount Extracted	961 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 10:21
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 18:42

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.37	2,3,7,8-TCDF-13C	2.00	83
Total TCDF	ND	----	0.37	2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	72
2,3,7,8-TCDD	ND	----	1.3	2,3,4,7,8-PeCDF-13C	2.00	76
Total TCDD	ND	----	1.3	1,2,3,7,8-PeCDD-13C	2.00	85
				1,2,3,4,7,8-HxCDF-13C	2.00	86
1,2,3,7,8-PeCDF	ND	----	0.41	1,2,3,6,7,8-HxCDF-13C	2.00	79
2,3,4,7,8-PeCDF	ND	----	0.28	2,3,4,6,7,8-HxCDF-13C	2.00	82
Total PeCDF	ND	----	0.41	1,2,3,7,8,9-HxCDF-13C	2.00	82
				1,2,3,4,7,8-HxCDD-13C	2.00	79
1,2,3,7,8-PeCDD	ND	----	0.28	1,2,3,6,7,8-HxCDD-13C	2.00	81
Total PeCDD	ND	----	0.28			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.64	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.63			
2,3,4,6,7,8-HxCDF	ND	----	0.58	2,3,7,8-TCDD-37Cl4	0.20	80
1,2,3,7,8,9-HxCDF	----	0.95	0.77 JI			
Total HxCDF	ND	----	0.77			
1,2,3,4,7,8-HxCDD	2.1	----	0.60 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.55			
1,2,3,7,8,9-HxCDD	ND	----	0.57			
Total HxCDD	2.1	----	0.60 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-8		
Lab Sample ID	10747864011		
Filename	U250912B_12		
Injected By	SMT		
Total Amount Extracted	967 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 11:11
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250912B_01 & U250912B_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/12/2025 19:28

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.48	2,3,7,8-TCDF-13C	2.00	81
Total TCDF	ND	----	0.48	2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	72
2,3,7,8-TCDD	ND	----	0.78	2,3,4,7,8-PeCDF-13C	2.00	77
Total TCDD	ND	----	0.78	1,2,3,7,8-PeCDD-13C	2.00	83
				1,2,3,4,7,8-HxCDF-13C	2.00	92
1,2,3,7,8-PeCDF	ND	----	0.55	1,2,3,6,7,8-HxCDF-13C	2.00	85
2,3,4,7,8-PeCDF	ND	----	0.39	2,3,4,6,7,8-HxCDF-13C	2.00	84
Total PeCDF	ND	----	0.55	1,2,3,7,8,9-HxCDF-13C	2.00	86
				1,2,3,4,7,8-HxCDD-13C	2.00	81
1,2,3,7,8-PeCDD	ND	----	0.36	1,2,3,6,7,8-HxCDD-13C	2.00	84
Total PeCDD	ND	----	0.36			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.53	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.51			
2,3,4,6,7,8-HxCDF	ND	----	0.51	2,3,7,8-TCDD-37Cl4	0.20	77
1,2,3,7,8,9-HxCDF	1.1	----	0.65 J			
Total HxCDF	1.1	----	0.65 BJ			
1,2,3,4,7,8-HxCDD	2.2	----	1.1 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.91			
1,2,3,7,8,9-HxCDD	ND	----	0.97			
Total HxCDD	2.2	----	1.1 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-29		
Lab Sample ID	10747864012		
Filename	F250910A_06		
Injected By	SMT		
Total Amount Extracted	956 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 12:12
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/10/2025 12:13

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.50	2,3,7,8-TCDF-13C	2.00	78
Total TCDF	ND	----	0.50	2,3,7,8-TCDD-13C	2.00	63
				1,2,3,7,8-PeCDF-13C	2.00	66
2,3,7,8-TCDD	ND	----	0.69	2,3,4,7,8-PeCDF-13C	2.00	69
Total TCDD	ND	----	0.69	1,2,3,7,8-PeCDD-13C	2.00	67
				1,2,3,4,7,8-HxCDF-13C	2.00	70
1,2,3,7,8-PeCDF	ND	----	0.86	1,2,3,6,7,8-HxCDF-13C	2.00	75
2,3,4,7,8-PeCDF	ND	----	0.75	2,3,4,6,7,8-HxCDF-13C	2.00	72
Total PeCDF	ND	----	0.86	1,2,3,7,8,9-HxCDF-13C	2.00	67
				1,2,3,4,7,8-HxCDD-13C	2.00	58
1,2,3,7,8-PeCDD	ND	----	0.74	1,2,3,6,7,8-HxCDD-13C	2.00	73
Total PeCDD	ND	----	0.74			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.50	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.50			
2,3,4,6,7,8-HxCDF	ND	----	0.44	2,3,7,8-TCDD-37Cl4	0.20	75
1,2,3,7,8,9-HxCDF	ND	----	0.62			
Total HxCDF	ND	----	0.62			
1,2,3,4,7,8-HxCDD	----	1.6	0.46 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.36			
1,2,3,7,8,9-HxCDD	ND	----	0.39			
Total HxCDD	ND	----	0.46			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-30		
Lab Sample ID	10747864013		
Filename	F250910A_07		
Injected By	SMT		
Total Amount Extracted	948 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 12:40
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/10/2025 12:59

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.30	2,3,7,8-TCDF-13C	2.00	88
Total TCDF	ND	----	0.30	2,3,7,8-TCDD-13C	2.00	70
				1,2,3,7,8-PeCDF-13C	2.00	67
2,3,7,8-TCDD	ND	----	0.47	2,3,4,7,8-PeCDF-13C	2.00	72
Total TCDD	ND	----	0.47	1,2,3,7,8-PeCDD-13C	2.00	70
				1,2,3,4,7,8-HxCDF-13C	2.00	80
1,2,3,7,8-PeCDF	ND	----	0.62	1,2,3,6,7,8-HxCDF-13C	2.00	83
2,3,4,7,8-PeCDF	ND	----	0.46	2,3,4,6,7,8-HxCDF-13C	2.00	87
Total PeCDF	ND	----	0.62	1,2,3,7,8,9-HxCDF-13C	2.00	81
				1,2,3,4,7,8-HxCDD-13C	2.00	69
1,2,3,7,8-PeCDD	ND	----	0.83	1,2,3,6,7,8-HxCDD-13C	2.00	84
Total PeCDD	ND	----	0.83			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.48	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.48			
2,3,4,6,7,8-HxCDF	ND	----	0.42	2,3,7,8-TCDD-37Cl4	0.20	80
1,2,3,7,8,9-HxCDF	----	0.62	0.57 JI			
Total HxCDF	ND	----	0.57			
1,2,3,4,7,8-HxCDD	----	1.2	1.1 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.91			
1,2,3,7,8,9-HxCDD	ND	----	0.97			
Total HxCDD	ND	----	1.1			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-31		
Lab Sample ID	10747864014		
Filename	F250910A_08		
Injected By	SMT		
Total Amount Extracted	960 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 12:55
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/10/2025 13:44

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.29	2,3,7,8-TCDF-13C	2.00	84
Total TCDF	ND	----	0.29	2,3,7,8-TCDD-13C	2.00	71
				1,2,3,7,8-PeCDF-13C	2.00	74
2,3,7,8-TCDD	ND	----	0.88	2,3,4,7,8-PeCDF-13C	2.00	77
Total TCDD	ND	----	0.88	1,2,3,7,8-PeCDD-13C	2.00	80
				1,2,3,4,7,8-HxCDF-13C	2.00	87
1,2,3,7,8-PeCDF	ND	----	0.69	1,2,3,6,7,8-HxCDF-13C	2.00	91
2,3,4,7,8-PeCDF	ND	----	0.55	2,3,4,6,7,8-HxCDF-13C	2.00	87
Total PeCDF	ND	----	0.69	1,2,3,7,8,9-HxCDF-13C	2.00	83
				1,2,3,4,7,8-HxCDD-13C	2.00	73
1,2,3,7,8-PeCDD	ND	----	0.63	1,2,3,6,7,8-HxCDD-13C	2.00	89
Total PeCDD	ND	----	0.63			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.31	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.31			
2,3,4,6,7,8-HxCDF	ND	----	0.30	2,3,7,8-TCDD-37Cl4	0.20	71
1,2,3,7,8,9-HxCDF	ND	----	0.39			
Total HxCDF	ND	----	0.39			
1,2,3,4,7,8-HxCDD	----	1.1	0.50 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.42			
1,2,3,7,8,9-HxCDD	ND	----	0.43			
Total HxCDD	ND	----	0.50			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	31-PZ-2		
Lab Sample ID	10747864015		
Filename	F250910A_09		
Injected By	SMT		
Total Amount Extracted	952 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 13:15
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/10/2025 14:30

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.34	2,3,7,8-TCDF-13C	2.00	83
Total TCDF	ND	----	0.34	2,3,7,8-TCDD-13C	2.00	68
				1,2,3,7,8-PeCDF-13C	2.00	69
2,3,7,8-TCDD	ND	----	0.93	2,3,4,7,8-PeCDF-13C	2.00	71
Total TCDD	ND	----	0.93	1,2,3,7,8-PeCDD-13C	2.00	71
				1,2,3,4,7,8-HxCDF-13C	2.00	74
1,2,3,7,8-PeCDF	ND	----	0.77	1,2,3,6,7,8-HxCDF-13C	2.00	75
2,3,4,7,8-PeCDF	ND	----	0.58	2,3,4,6,7,8-HxCDF-13C	2.00	77
Total PeCDF	ND	----	0.77	1,2,3,7,8,9-HxCDF-13C	2.00	75
				1,2,3,4,7,8-HxCDD-13C	2.00	65
1,2,3,7,8-PeCDD	ND	----	0.90	1,2,3,6,7,8-HxCDD-13C	2.00	76
Total PeCDD	ND	----	0.90			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.46	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.43			
2,3,4,6,7,8-HxCDF	ND	----	0.40	2,3,7,8-TCDD-37Cl4	0.20	81
1,2,3,7,8,9-HxCDF	ND	----	0.53			
Total HxCDF	ND	----	0.53			
1,2,3,4,7,8-HxCDD	----	1.6	0.94 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.77			
1,2,3,7,8,9-HxCDD	ND	----	0.82			
Total HxCDD	ND	----	0.94			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-1A		
Lab Sample ID	10747864016		
Filename	F250910A_10		
Injected By	SMT		
Total Amount Extracted	950 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/21/2025 14:05
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/10/2025 15:15

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.40	2,3,7,8-TCDF-13C	2.00	82
Total TCDF	ND	----	0.40	2,3,7,8-TCDD-13C	2.00	66
				1,2,3,7,8-PeCDF-13C	2.00	67
2,3,7,8-TCDD	ND	----	0.77	2,3,4,7,8-PeCDF-13C	2.00	71
Total TCDD	ND	----	0.77	1,2,3,7,8-PeCDD-13C	2.00	71
				1,2,3,4,7,8-HxCDF-13C	2.00	73
1,2,3,7,8-PeCDF	ND	----	1.0	1,2,3,6,7,8-HxCDF-13C	2.00	76
2,3,4,7,8-PeCDF	ND	----	0.73	2,3,4,6,7,8-HxCDF-13C	2.00	73
Total PeCDF	ND	----	1.0	1,2,3,7,8,9-HxCDF-13C	2.00	69
				1,2,3,4,7,8-HxCDD-13C	2.00	63
1,2,3,7,8-PeCDD	ND	----	1.1	1,2,3,6,7,8-HxCDD-13C	2.00	77
Total PeCDD	ND	----	1.1			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.40	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.38			
2,3,4,6,7,8-HxCDF	ND	----	0.38	2,3,7,8-TCDD-37Cl4	0.20	83
1,2,3,7,8,9-HxCDF	----	0.66	0.49 JI			
Total HxCDF	ND	----	0.49			
1,2,3,4,7,8-HxCDD	----	1.3	0.56 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.44			
1,2,3,7,8,9-HxCDD	ND	----	0.48			
Total HxCDD	ND	----	0.56			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-16		
Lab Sample ID	10747864017		
Filename	U250905A_13		
Injected By	AH5		
Total Amount Extracted	937 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 11:25
ICAL ID	U250825	Received	08/28/2025 08:50
CCal Filename(s)	U250905A_02 & U250905A_18	Extracted	09/03/2025 11:33
Method Blank ID	BLANK-121012	Analyzed	09/05/2025 17:45

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.43	2,3,7,8-TCDF-13C	2.00	77
Total TCDF	ND	----	0.43	2,3,7,8-TCDD-13C	2.00	73
				1,2,3,7,8-PeCDF-13C	2.00	76
2,3,7,8-TCDD	ND	----	0.45	2,3,4,7,8-PeCDF-13C	2.00	78
Total TCDD	ND	----	0.45	1,2,3,7,8-PeCDD-13C	2.00	87
				1,2,3,4,7,8-HxCDF-13C	2.00	91
1,2,3,7,8-PeCDF	ND	----	0.25	1,2,3,6,7,8-HxCDF-13C	2.00	84
2,3,4,7,8-PeCDF	ND	----	0.18	2,3,4,6,7,8-HxCDF-13C	2.00	85
Total PeCDF	ND	----	0.25	1,2,3,7,8,9-HxCDF-13C	2.00	83
				1,2,3,4,7,8-HxCDD-13C	2.00	73
1,2,3,7,8-PeCDD	ND	----	0.20	1,2,3,6,7,8-HxCDD-13C	2.00	83
Total PeCDD	ND	----	0.20			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.38	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.37			
2,3,4,6,7,8-HxCDF	ND	----	0.36	2,3,7,8-TCDD-37Cl4	0.20	86
1,2,3,7,8,9-HxCDF	----	0.88	0.45 JI			
Total HxCDF	ND	----	0.45			
1,2,3,4,7,8-HxCDD	2.0	----	0.56 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.48			
1,2,3,7,8,9-HxCDD	ND	----	0.51			
Total HxCDD	2.0	----	0.56 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-2		
Lab Sample ID	10747864018		
Filename	F250910A_11		
Injected By	SMT		
Total Amount Extracted	951 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 13:18
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/04/2025 16:41
Method Blank ID	BLANK-121036	Analyzed	09/10/2025 16:01

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.64	2,3,7,8-TCDF-13C	2.00	90
Total TCDF	ND	----	0.64	2,3,7,8-TCDD-13C	2.00	76
				1,2,3,7,8-PeCDF-13C	2.00	78
2,3,7,8-TCDD	ND	----	0.66	2,3,4,7,8-PeCDF-13C	2.00	82
Total TCDD	ND	----	0.66	1,2,3,7,8-PeCDD-13C	2.00	86
				1,2,3,4,7,8-HxCDF-13C	2.00	80
1,2,3,7,8-PeCDF	ND	----	0.89	1,2,3,6,7,8-HxCDF-13C	2.00	84
2,3,4,7,8-PeCDF	ND	----	0.70	2,3,4,6,7,8-HxCDF-13C	2.00	84
Total PeCDF	ND	----	0.89	1,2,3,7,8,9-HxCDF-13C	2.00	80
				1,2,3,4,7,8-HxCDD-13C	2.00	70
1,2,3,7,8-PeCDD	ND	----	1.1	1,2,3,6,7,8-HxCDD-13C	2.00	90
Total PeCDD	ND	----	1.1			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.63	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.58			
2,3,4,6,7,8-HxCDF	ND	----	0.58	2,3,7,8-TCDD-37Cl4	0.20	83
1,2,3,7,8,9-HxCDF	ND	----	0.77			
Total HxCDF	ND	----	0.77			
1,2,3,4,7,8-HxCDD	1.6	----	1.3 BJ			
1,2,3,6,7,8-HxCDD	ND	----	1.0			
1,2,3,7,8,9-HxCDD	ND	----	1.1			
Total HxCDD	1.6	----	1.3 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	Field Blank		
Lab Sample ID	10747864019		
Filename	F250910A_12		
Injected By	SMT		
Total Amount Extracted	943 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 12:36
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/05/2025 14:24
Method Blank ID	BLANK-121074	Analyzed	09/10/2025 16:46

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.49	2,3,7,8-TCDF-13C	2.00	75
Total TCDF	ND	----	0.49	2,3,7,8-TCDD-13C	2.00	58
				1,2,3,7,8-PeCDF-13C	2.00	64
2,3,7,8-TCDD	ND	----	0.91	2,3,4,7,8-PeCDF-13C	2.00	68
Total TCDD	ND	----	0.91	1,2,3,7,8-PeCDD-13C	2.00	67
				1,2,3,4,7,8-HxCDF-13C	2.00	73
1,2,3,7,8-PeCDF	ND	----	1.2	1,2,3,6,7,8-HxCDF-13C	2.00	73
2,3,4,7,8-PeCDF	ND	----	0.95	2,3,4,6,7,8-HxCDF-13C	2.00	75
Total PeCDF	ND	----	1.2	1,2,3,7,8,9-HxCDF-13C	2.00	71
				1,2,3,4,7,8-HxCDD-13C	2.00	61
1,2,3,7,8-PeCDD	ND	----	0.75	1,2,3,6,7,8-HxCDD-13C	2.00	72
Total PeCDD	ND	----	0.75			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.37	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.39			
2,3,4,6,7,8-HxCDF	ND	----	0.35	2,3,7,8-TCDD-37Cl4	0.20	83
1,2,3,7,8,9-HxCDF	ND	----	0.47			
Total HxCDF	ND	----	0.47			
1,2,3,4,7,8-HxCDD	----	0.99	0.69 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.55			
1,2,3,7,8,9-HxCDD	ND	----	0.59			
Total HxCDD	ND	----	0.69			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	Leachate Cell 1		
Lab Sample ID	10747864020		
Filename	F250910A_13		
Injected By	SMT		
Total Amount Extracted	1020 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 09:30
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/05/2025 14:24
Method Blank ID	BLANK-121074	Analyzed	09/10/2025 17:31

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.62	2,3,7,8-TCDF-13C	2.00	79
Total TCDF	ND	----	0.62	2,3,7,8-TCDD-13C	2.00	67
				1,2,3,7,8-PeCDF-13C	2.00	70
2,3,7,8-TCDD	ND	----	1.1	2,3,4,7,8-PeCDF-13C	2.00	73
Total TCDD	ND	----	1.1	1,2,3,7,8-PeCDD-13C	2.00	76
				1,2,3,4,7,8-HxCDF-13C	2.00	79
1,2,3,7,8-PeCDF	ND	----	1.2	1,2,3,6,7,8-HxCDF-13C	2.00	77
2,3,4,7,8-PeCDF	ND	----	0.81	2,3,4,6,7,8-HxCDF-13C	2.00	80
Total PeCDF	ND	----	1.2	1,2,3,7,8,9-HxCDF-13C	2.00	76
				1,2,3,4,7,8-HxCDD-13C	2.00	66
1,2,3,7,8-PeCDD	ND	----	1.2	1,2,3,6,7,8-HxCDD-13C	2.00	81
Total PeCDD	ND	----	1.2			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.66	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.66			
2,3,4,6,7,8-HxCDF	ND	----	0.59	2,3,7,8-TCDD-37Cl4	0.20	92
1,2,3,7,8,9-HxCDF	ND	----	0.79			
Total HxCDF	ND	----	0.79			
1,2,3,4,7,8-HxCDD	1.9	----	0.77 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.59			
1,2,3,7,8,9-HxCDD	ND	----	0.65			
Total HxCDD	1.9	----	0.77 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

P = PCDE Interference

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	Leachate Cell 2		
Lab Sample ID	10747864021		
Filename	F250910A_14		
Injected By	SMT		
Total Amount Extracted	1050 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 07:50
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/05/2025 14:24
Method Blank ID	BLANK-121074	Analyzed	09/10/2025 18:17

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.86	2,3,7,8-TCDF-13C	2.00	98
Total TCDF	ND	----	0.86	2,3,7,8-TCDD-13C	2.00	79
				1,2,3,7,8-PeCDF-13C	2.00	85
2,3,7,8-TCDD	ND	----	0.98	2,3,4,7,8-PeCDF-13C	2.00	90
Total TCDD	ND	----	0.98	1,2,3,7,8-PeCDD-13C	2.00	94
				1,2,3,4,7,8-HxCDF-13C	2.00	97
1,2,3,7,8-PeCDF	ND	----	1.1	1,2,3,6,7,8-HxCDF-13C	2.00	102
2,3,4,7,8-PeCDF	ND	----	0.81	2,3,4,6,7,8-HxCDF-13C	2.00	100
Total PeCDF	ND	----	1.1	1,2,3,7,8,9-HxCDF-13C	2.00	87
				1,2,3,4,7,8-HxCDD-13C	2.00	87
1,2,3,7,8-PeCDD	ND	----	1.1	1,2,3,6,7,8-HxCDD-13C	2.00	97
Total PeCDD	ND	----	1.1			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	1.3	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	1.3			
2,3,4,6,7,8-HxCDF	ND	----	1.2	2,3,7,8-TCDD-37Cl4	0.20	92
1,2,3,7,8,9-HxCDF	ND	----	1.7			
Total HxCDF	ND	----	1.7			
1,2,3,4,7,8-HxCDD	ND	----	1.0			
1,2,3,6,7,8-HxCDD	ND	----	0.84			
1,2,3,7,8,9-HxCDD	ND	----	0.90			
Total HxCDD	6.2	----	1.0 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

P = PCDE Interference

I = Isotope ratio out of specification

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	Leachate Cell 3-8		
Lab Sample ID	10747864022		
Filename	F250910A_15		
Injected By	SMT		
Total Amount Extracted	1070 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 13:42
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/05/2025 14:24
Method Blank ID	BLANK-121074	Analyzed	09/10/2025 19:02

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	1.3	2,3,7,8-TCDF-13C	2.00	78
Total TCDF	ND	----	1.3	2,3,7,8-TCDD-13C	2.00	65
				1,2,3,7,8-PeCDF-13C	2.00	76
2,3,7,8-TCDD	ND	----	1.9	2,3,4,7,8-PeCDF-13C	2.00	80
Total TCDD	ND	----	1.9	1,2,3,7,8-PeCDD-13C	2.00	81
				1,2,3,4,7,8-HxCDF-13C	2.00	79
1,2,3,7,8-PeCDF	ND	----	1.5	1,2,3,6,7,8-HxCDF-13C	2.00	82
2,3,4,7,8-PeCDF	ND	----	1.2	2,3,4,6,7,8-HxCDF-13C	2.00	81
Total PeCDF	ND	----	1.5	1,2,3,7,8,9-HxCDF-13C	2.00	72
				1,2,3,4,7,8-HxCDD-13C	2.00	71
1,2,3,7,8-PeCDD	ND	----	1.4	1,2,3,6,7,8-HxCDD-13C	2.00	79
Total PeCDD	ND	----	1.4			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	1.2	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	1.2			
2,3,4,6,7,8-HxCDF	ND	----	1.1	2,3,7,8-TCDD-37Cl4	0.20	86
1,2,3,7,8,9-HxCDF	ND	----	1.5			
Total HxCDF	ND	----	1.5			
1,2,3,4,7,8-HxCDD	2.2	----	1.1 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.86			
1,2,3,7,8,9-HxCDD	ND	----	0.91			
Total HxCDD	2.2	----	1.1 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value
B = Less than 10x higher than method blank level
P = PCDE Interference

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	MW-12		
Lab Sample ID	10747864023		
Filename	F250910A_16		
Injected By	SMT		
Total Amount Extracted	959 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 12:07
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/05/2025 14:24
Method Blank ID	BLANK-121074	Analyzed	09/10/2025 19:48

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.58	2,3,7,8-TCDF-13C	2.00	90
Total TCDF	ND	----	0.58	2,3,7,8-TCDD-13C	2.00	76
				1,2,3,7,8-PeCDF-13C	2.00	81
2,3,7,8-TCDD	ND	----	1.4	2,3,4,7,8-PeCDF-13C	2.00	86
Total TCDD	ND	----	1.4	1,2,3,7,8-PeCDD-13C	2.00	89
				1,2,3,4,7,8-HxCDF-13C	2.00	93
1,2,3,7,8-PeCDF	ND	----	0.93	1,2,3,6,7,8-HxCDF-13C	2.00	91
2,3,4,7,8-PeCDF	ND	----	0.80	2,3,4,6,7,8-HxCDF-13C	2.00	94
Total PeCDF	ND	----	0.93	1,2,3,7,8,9-HxCDF-13C	2.00	86
				1,2,3,4,7,8-HxCDD-13C	2.00	77
1,2,3,7,8-PeCDD	ND	----	1.2	1,2,3,6,7,8-HxCDD-13C	2.00	96
Total PeCDD	ND	----	1.2			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.44	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.43			
2,3,4,6,7,8-HxCDF	ND	----	0.40	2,3,7,8-TCDD-37Cl4	0.20	90
1,2,3,7,8,9-HxCDF	1.0	----	0.52 J			
Total HxCDF	1.0	----	0.52 J			
1,2,3,4,7,8-HxCDD	1.8	----	0.81 BJ			
1,2,3,6,7,8-HxCDD	ND	----	0.66			
1,2,3,7,8,9-HxCDD	ND	----	0.70			
Total HxCDD	1.8	----	0.81 BJ			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

B = Less than 10x higher than method blank level

REPORT OF LABORATORY ANALYSIS

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Method 8290 Sample Analysis Results

Client - Arkansas Analytical

Client's Sample ID	Duplicate		
Lab Sample ID	10747864024		
Filename	F250910A_17		
Injected By	SMT		
Total Amount Extracted	951 mL	Matrix	WATER
% Moisture	NA	Dilution	NA
Dry Weight Extracted	NA	Collected	08/22/2025 12:07
ICAL ID	F250825	Received	08/28/2025 08:50
CCal Filename(s)	F250910A_02 & F250910A_18	Extracted	09/05/2025 14:24
Method Blank ID	BLANK-121074	Analyzed	09/10/2025 20:33

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.83	2,3,7,8-TCDF-13C	2.00	86
Total TCDF	ND	----	0.83	2,3,7,8-TCDD-13C	2.00	73
				1,2,3,7,8-PeCDF-13C	2.00	78
2,3,7,8-TCDD	ND	----	0.95	2,3,4,7,8-PeCDF-13C	2.00	81
Total TCDD	ND	----	0.95	1,2,3,7,8-PeCDD-13C	2.00	84
				1,2,3,4,7,8-HxCDF-13C	2.00	86
1,2,3,7,8-PeCDF	ND	----	0.93	1,2,3,6,7,8-HxCDF-13C	2.00	86
2,3,4,7,8-PeCDF	ND	----	0.68	2,3,4,6,7,8-HxCDF-13C	2.00	90
Total PeCDF	ND	----	0.93	1,2,3,7,8,9-HxCDF-13C	2.00	83
				1,2,3,4,7,8-HxCDD-13C	2.00	75
1,2,3,7,8-PeCDD	ND	----	0.75	1,2,3,6,7,8-HxCDD-13C	2.00	92
Total PeCDD	ND	----	0.75			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.48	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.47			
2,3,4,6,7,8-HxCDF	ND	----	0.45	2,3,7,8-TCDD-37Cl4	0.20	88
1,2,3,7,8,9-HxCDF	----	0.78	0.64 JI			
Total HxCDF	ND	----	0.64			
1,2,3,4,7,8-HxCDD	----	1.2	0.52 JI			
1,2,3,6,7,8-HxCDD	ND	----	0.46			
1,2,3,7,8,9-HxCDD	ND	----	0.47			
Total HxCDD	ND	----	0.52			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).
EMPC = Estimated Maximum Possible Concentration
EDL = Estimated Detection Limit

ND = Not Detected
NA = Not Applicable
NC = Not Calculated

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Blank Analysis Results

Lab Sample Name	DFBLKPE	Matrix	Water
Lab Sample ID	BLANK-121012	Dilution	NA
Filename	U250905A_11	Extracted	09/03/2025 11:33
Total Amount Extracted	978 mL	Analyzed	09/05/2025 16:10
ICAL ID	U250825	Injected By	AH5
CCal Filename(s)	U250905A_02 & U250905A_18		

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.33	2,3,7,8-TCDF-13C	2.00	84
Total TCDF	ND	----	0.33	2,3,7,8-TCDD-13C	2.00	81
				1,2,3,7,8-PeCDF-13C	2.00	85
2,3,7,8-TCDD	ND	----	0.45	2,3,4,7,8-PeCDF-13C	2.00	88
Total TCDD	ND	----	0.45	1,2,3,7,8-PeCDD-13C	2.00	98
				1,2,3,4,7,8-HxCDF-13C	2.00	102
1,2,3,7,8-PeCDF	----	0.54	0.34 JI	1,2,3,6,7,8-HxCDF-13C	2.00	95
2,3,4,7,8-PeCDF	----	0.42	0.24 JI	2,3,4,6,7,8-HxCDF-13C	2.00	96
Total PeCDF	ND	----	0.34	1,2,3,7,8,9-HxCDF-13C	2.00	97
				1,2,3,4,7,8-HxCDD-13C	2.00	91
1,2,3,7,8-PeCDD	----	0.45	0.29 JI	1,2,3,6,7,8-HxCDD-13C	2.00	97
Total PeCDD	ND	----	0.29			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	0.53	----	0.45 J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	0.47	----	0.41 J			
2,3,4,6,7,8-HxCDF	ND	----	0.42	2,3,7,8-TCDD-37Cl4	0.20	75
1,2,3,7,8,9-HxCDF	----	1.1	0.53 JI			
Total HxCDF	1.00	----	0.53 J			
1,2,3,4,7,8-HxCDD	2.4	----	0.57 J			
1,2,3,6,7,8-HxCDD	ND	----	0.46			
1,2,3,7,8,9-HxCDD	ND	----	0.50			
Total HxCDD	2.4	----	0.57 J			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).

EMPC = Estimated Maximum Possible Concentration

EDL = Estimated Detection Limit

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Blank Analysis Results

Lab Sample Name	DFBLKPN	Matrix	Water
Lab Sample ID	BLANK-121036	Dilution	NA
Filename	U250910A_15	Extracted	09/04/2025 16:41
Total Amount Extracted	989 mL	Analyzed	09/10/2025 19:22
ICAL ID	U250825	Injected By	SMT
CCal Filename(s)	U250910A_02 & U250910A_19		

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.28	2,3,7,8-TCDF-13C	2.00	92
Total TCDF	ND	----	0.28	2,3,7,8-TCDD-13C	2.00	86
				1,2,3,7,8-PeCDF-13C	2.00	95
2,3,7,8-TCDD	ND	----	0.34	2,3,4,7,8-PeCDF-13C	2.00	99
Total TCDD	ND	----	0.34	1,2,3,7,8-PeCDD-13C	2.00	106
				1,2,3,4,7,8-HxCDF-13C	2.00	104
1,2,3,7,8-PeCDF	ND	----	0.39	1,2,3,6,7,8-HxCDF-13C	2.00	98
2,3,4,7,8-PeCDF	ND	----	0.28	2,3,4,6,7,8-HxCDF-13C	2.00	100
Total PeCDF	ND	----	0.39	1,2,3,7,8,9-HxCDF-13C	2.00	97
				1,2,3,4,7,8-HxCDD-13C	2.00	87
1,2,3,7,8-PeCDD	ND	----	0.28	1,2,3,6,7,8-HxCDD-13C	2.00	95
Total PeCDD	ND	----	0.28			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	0.44	----	0.31 J	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.30			
2,3,4,6,7,8-HxCDF	ND	----	0.29	2,3,7,8-TCDD-37Cl4	0.20	82
1,2,3,7,8,9-HxCDF	----	1.1	0.37 JI			
Total HxCDF	0.44	----	0.37 J			
1,2,3,4,7,8-HxCDD	1.9	----	0.58 J			
1,2,3,6,7,8-HxCDD	ND	----	0.48			
1,2,3,7,8,9-HxCDD	ND	----	0.51			
Total HxCDD	1.9	----	0.58 J			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).

EMPC = Estimated Maximum Possible Concentration

EDL = Estimated Detection Limit

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Blank Analysis Results

Lab Sample Name	DFBLKPS	Matrix	Water
Lab Sample ID	BLANK-121074	Dilution	NA
Filename	U250910B_04	Extracted	09/05/2025 14:24
Total Amount Extracted	992 mL	Analyzed	09/11/2025 01:42
ICAL ID	U250825	Injected By	SMT
CCal Filename(s)	U250910A_19 & U250910B_16		

Native Isomers	Conc pg/L	EMPC pg/L	EDL pg/L	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	ND	----	0.34	2,3,7,8-TCDF-13C	2.00	82
Total TCDF	ND	----	0.34	2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	82
2,3,7,8-TCDD	ND	----	0.57	2,3,4,7,8-PeCDF-13C	2.00	87
Total TCDD	ND	----	0.57	1,2,3,7,8-PeCDD-13C	2.00	93
				1,2,3,4,7,8-HxCDF-13C	2.00	94
1,2,3,7,8-PeCDF	ND	----	0.26	1,2,3,6,7,8-HxCDF-13C	2.00	89
2,3,4,7,8-PeCDF	ND	----	0.18	2,3,4,6,7,8-HxCDF-13C	2.00	87
Total PeCDF	ND	----	0.26	1,2,3,7,8,9-HxCDF-13C	2.00	88
				1,2,3,4,7,8-HxCDD-13C	2.00	80
1,2,3,7,8-PeCDD	ND	----	0.28	1,2,3,6,7,8-HxCDD-13C	2.00	86
Total PeCDD	ND	----	0.28			
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	ND	----	0.30	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	ND	----	0.32			
2,3,4,6,7,8-HxCDF	ND	----	0.31	2,3,7,8-TCDD-37Cl4	0.20	76
1,2,3,7,8,9-HxCDF	----	0.93	0.38 JI			
Total HxCDF	ND	----	0.38			
1,2,3,4,7,8-HxCDD	1.9	----	0.47 J			
1,2,3,6,7,8-HxCDD	ND	----	0.40			
1,2,3,7,8,9-HxCDD	ND	----	0.42			
Total HxCDD	1.9	----	0.47 J			

Conc = Concentration (Totals include 2,3,7,8-substituted isomers).

EMPC = Estimated Maximum Possible Concentration

EDL = Estimated Detection Limit

J = Estimated value

I = Isotope ratio out of specification

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Method 8290 Laboratory Control Spike Results

Lab Sample ID	LCS-121013	Matrix	Water
Filename	U250905A_03	Dilution	NA
Total Amount Extracted	981 mL	Extracted	09/03/2025 11:33
ICAL ID	U250825	Analyzed	09/05/2025 09:52
CCal Filename(s)	U250905A_02 & U250905A_18	Injected By	AH5
Method Blank ID	BLANK-121012		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.21	105	2,3,7,8-TCDF-13C	2.0	81
				2,3,7,8-TCDD-13C	2.0	81
				1,2,3,7,8-PeCDF-13C	2.0	82
2,3,7,8-TCDD	0.20	0.22	112	2,3,4,7,8-PeCDF-13C	2.0	83
				1,2,3,7,8-PeCDD-13C	2.0	91
				1,2,3,4,7,8-HxCDF-13C	2.0	95
1,2,3,7,8-PeCDF	1.0	1.1	109	1,2,3,6,7,8-HxCDF-13C	2.0	91
2,3,4,7,8-PeCDF	1.0	1.0	100	2,3,4,6,7,8-HxCDF-13C	2.0	91
				1,2,3,7,8,9-HxCDF-13C	2.0	91
				1,2,3,4,7,8-HxCDD-13C	2.0	90
1,2,3,7,8-PeCDD	1.0	0.96	96	1,2,3,6,7,8-HxCDD-13C	2.0	95
				1,2,3,4-TCDD-13C	2.0	NA
1,2,3,4,7,8-HxCDF	1.0	0.97	97	1,2,3,7,8,9-HxCDD-13C	2.0	NA
1,2,3,6,7,8-HxCDF	1.0	1.0	103			
2,3,4,6,7,8-HxCDF	1.0	1.0	105	2,3,7,8-TCDD-37Cl4	0.20	81
1,2,3,7,8,9-HxCDF	1.0	1.1	107			
1,2,3,4,7,8-HxCDD	1.0	1.1	114			
1,2,3,6,7,8-HxCDD	1.0	0.98	98			
1,2,3,7,8,9-HxCDD	1.0	1.0	101			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
R = Recovery outside of target range

Y = RF averaging used in calculations
Nn = Value obtained from additional analysis
NA = Not Applicable
* = See Discussion

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Method 8290 Laboratory Control Spike Results

Lab Sample ID	LCS-121037	Matrix	Water
Filename	U250910A_05	Dilution	NA
Total Amount Extracted	985 mL	Extracted	09/04/2025 16:41
ICAL ID	U250825	Analyzed	09/10/2025 11:27
CCal Filename(s)	U250910A_02 & U250910A_19	Injected By	SMT
Method Blank ID	BLANK-121036		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.19	94	2,3,7,8-TCDF-13C	2.0	88
				2,3,7,8-TCDD-13C	2.0	81
				1,2,3,7,8-PeCDF-13C	2.0	88
2,3,7,8-TCDD	0.20	0.20	100	2,3,4,7,8-PeCDF-13C	2.0	92
				1,2,3,7,8-PeCDD-13C	2.0	99
				1,2,3,4,7,8-HxCDF-13C	2.0	99
1,2,3,7,8-PeCDF	1.0	0.98	98	1,2,3,6,7,8-HxCDF-13C	2.0	94
2,3,4,7,8-PeCDF	1.0	0.92	92	2,3,4,6,7,8-HxCDF-13C	2.0	96
				1,2,3,7,8,9-HxCDF-13C	2.0	95
				1,2,3,4,7,8-HxCDD-13C	2.0	82
1,2,3,7,8-PeCDD	1.0	0.85	85	1,2,3,6,7,8-HxCDD-13C	2.0	92
				1,2,3,4-TCDD-13C	2.0	NA
1,2,3,4,7,8-HxCDF	1.0	0.89	89	1,2,3,7,8,9-HxCDD-13C	2.0	NA
1,2,3,6,7,8-HxCDF	1.0	0.92	92			
2,3,4,6,7,8-HxCDF	1.0	0.91	91	2,3,7,8-TCDD-37Cl4	0.20	80
1,2,3,7,8,9-HxCDF	1.0	0.90	90			
1,2,3,4,7,8-HxCDD	1.0	1.0	104			
1,2,3,6,7,8-HxCDD	1.0	0.88	88			
1,2,3,7,8,9-HxCDD	1.0	0.93	93			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
R = Recovery outside of target range

Y = RF averaging used in calculations
Nn = Value obtained from additional analysis
NA = Not Applicable
* = See Discussion

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Method 8290 Laboratory Control Spike Results

Lab Sample ID	LCS-121075	Matrix	Water
Filename	U250910A_11	Dilution	NA
Total Amount Extracted	985 mL	Extracted	09/05/2025 14:24
ICAL ID	U250825	Analyzed	09/10/2025 16:12
CCal Filename(s)	U250910A_02 & U250910A_19	Injected By	SMT
Method Blank ID	BLANK-121074		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.20	102	2,3,7,8-TCDF-13C	2.0	43
				2,3,7,8-TCDD-13C	2.0	40
				1,2,3,7,8-PeCDF-13C	2.0	44
2,3,7,8-TCDD	0.20	0.22	109	2,3,4,7,8-PeCDF-13C	2.0	47
				1,2,3,7,8-PeCDD-13C	2.0	50
				1,2,3,4,7,8-HxCDF-13C	2.0	53
1,2,3,7,8-PeCDF	1.0	1.1	105	1,2,3,6,7,8-HxCDF-13C	2.0	49
2,3,4,7,8-PeCDF	1.0	0.97	97	2,3,4,6,7,8-HxCDF-13C	2.0	49
				1,2,3,7,8,9-HxCDF-13C	2.0	46
				1,2,3,4,7,8-HxCDD-13C	2.0	42
1,2,3,7,8-PeCDD	1.0	0.92	92	1,2,3,6,7,8-HxCDD-13C	2.0	48
				1,2,3,4-TCDD-13C	2.0	NA
1,2,3,4,7,8-HxCDF	1.0	0.96	96	1,2,3,7,8,9-HxCDD-13C	2.0	NA
1,2,3,6,7,8-HxCDF	1.0	1.0	100			
2,3,4,6,7,8-HxCDF	1.0	0.98	98	2,3,7,8-TCDD-37Cl4	0.20	42
1,2,3,7,8,9-HxCDF	1.0	1.0	103			
1,2,3,4,7,8-HxCDD	1.0	1.1	113			
1,2,3,6,7,8-HxCDD	1.0	0.98	98			
1,2,3,7,8,9-HxCDD	1.0	1.0	103			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
R = Recovery outside of target range

Y = RF averaging used in calculations
Nn = Value obtained from additional analysis
NA = Not Applicable
* = See Discussion

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Method 8290 Laboratory Control Spike Results

Lab Sample ID	LCSD-121038	Matrix	Water
Filename	U250910A_06	Dilution	NA
Total Amount Extracted	976 mL	Extracted	09/04/2025 16:41
ICAL ID	U250825	Analyzed	09/10/2025 12:14
CCal Filename(s)	U250910A_02 & U250910A_19	Injected By	SMT
Method Blank ID	BLANK-121036		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.19	94	2,3,7,8-TCDF-13C	2.0	86
				2,3,7,8-TCDD-13C	2.0	79
				1,2,3,7,8-PeCDF-13C	2.0	85
2,3,7,8-TCDD	0.20	0.20	100	2,3,4,7,8-PeCDF-13C	2.0	87
				1,2,3,7,8-PeCDD-13C	2.0	95
				1,2,3,4,7,8-HxCDF-13C	2.0	102
1,2,3,7,8-PeCDF	1.0	0.98	98	1,2,3,6,7,8-HxCDF-13C	2.0	96
2,3,4,7,8-PeCDF	1.0	0.91	91	2,3,4,6,7,8-HxCDF-13C	2.0	95
				1,2,3,7,8,9-HxCDF-13C	2.0	91
				1,2,3,4,7,8-HxCDD-13C	2.0	85
1,2,3,7,8-PeCDD	1.0	0.85	85	1,2,3,6,7,8-HxCDD-13C	2.0	89
				1,2,3,4-TCDD-13C	2.0	NA
1,2,3,4,7,8-HxCDF	1.0	0.87	87	1,2,3,7,8,9-HxCDD-13C	2.0	NA
1,2,3,6,7,8-HxCDF	1.0	0.93	93			
2,3,4,6,7,8-HxCDF	1.0	0.94	94	2,3,7,8-TCDD-37Cl4	0.20	85
1,2,3,7,8,9-HxCDF	1.0	0.94	94			
1,2,3,4,7,8-HxCDD	1.0	1.0	103			
1,2,3,6,7,8-HxCDD	1.0	0.91	91			
1,2,3,7,8,9-HxCDD	1.0	0.90	90			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
R = Recovery outside of target range

Y = RF averaging used in calculations
Nn = Value obtained from additional analysis
NA = Not Applicable
* = See Discussion

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Method 8290 Laboratory Control Spike Results

Lab Sample ID	LCSD-121076	Matrix	Water
Filename	U250910A_12	Dilution	NA
Total Amount Extracted	987 mL	Extracted	09/05/2025 14:24
ICAL ID	U250825	Analyzed	09/10/2025 16:59
CCal Filename(s)	U250910A_02 & U250910A_19	Injected By	SMT
Method Blank ID	BLANK-121074		

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.20	101	2,3,7,8-TCDF-13C	2.0	88
				2,3,7,8-TCDD-13C	2.0	81
				1,2,3,7,8-PeCDF-13C	2.0	88
2,3,7,8-TCDD	0.20	0.22	109	2,3,4,7,8-PeCDF-13C	2.0	91
				1,2,3,7,8-PeCDD-13C	2.0	101
				1,2,3,4,7,8-HxCDF-13C	2.0	102
1,2,3,7,8-PeCDF	1.0	1.1	106	1,2,3,6,7,8-HxCDF-13C	2.0	95
2,3,4,7,8-PeCDF	1.0	0.96	96	2,3,4,6,7,8-HxCDF-13C	2.0	95
				1,2,3,7,8,9-HxCDF-13C	2.0	93
				1,2,3,4,7,8-HxCDD-13C	2.0	81
1,2,3,7,8-PeCDD	1.0	0.92	92	1,2,3,6,7,8-HxCDD-13C	2.0	92
				1,2,3,4-TCDD-13C	2.0	NA
1,2,3,4,7,8-HxCDF	1.0	0.97	97	1,2,3,7,8,9-HxCDD-13C	2.0	NA
1,2,3,6,7,8-HxCDF	1.0	0.99	99			
2,3,4,6,7,8-HxCDF	1.0	1.0	101	2,3,7,8-TCDD-37Cl4	0.20	87
1,2,3,7,8,9-HxCDF	1.0	1.0	101			
1,2,3,4,7,8-HxCDD	1.0	1.2	115			
1,2,3,6,7,8-HxCDD	1.0	0.98	98			
1,2,3,7,8,9-HxCDD	1.0	1.0	102			

Qs = Quantity Spiked
Qm = Quantity Measured
Rec. = Recovery (Expressed as Percent)
R = Recovery outside of target range

Y = RF averaging used in calculations
Nn = Value obtained from additional analysis
NA = Not Applicable
* = See Discussion

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Method 8290

Spike Recovery Relative Percent Difference (RPD) Results

Client Arkansas Analytical

Spike 1 ID LCS-121037
Spike 1 Filename U250910A_05

Spike 2 ID LCSD-121038
Spike 2 Filename U250910A_06

Compound	Spike 1 %REC	Spike 2 %REC	%RPD
2,3,7,8-TCDF	94	94	0.0
2,3,7,8-TCDD	100	100	0.0
1,2,3,7,8-PeCDF	98	98	0.0
2,3,4,7,8-PeCDF	92	91	1.1
1,2,3,7,8-PeCDD	85	85	0.0
1,2,3,4,7,8-HxCDF	89	87	2.3
1,2,3,6,7,8-HxCDF	92	93	1.1
2,3,4,6,7,8-HxCDF	91	94	3.2
1,2,3,7,8,9-HxCDF	90	94	4.3
1,2,3,4,7,8-HxCDD	104	103	1.0
1,2,3,6,7,8-HxCDD	88	91	3.4
1,2,3,7,8,9-HxCDD	93	90	3.3

%REC = Percent Recovered

RPD = The difference between the two values divided by the mean value

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Method 8290

Spike Recovery Relative Percent Difference (RPD) Results

Client Arkansas Analytical

Spike 1 ID LCS-121075
Spike 1 Filename U250910A_11

Spike 2 ID LCSD-121076
Spike 2 Filename U250910A_12

Compound	Spike 1 %REC	Spike 2 %REC	%RPD
2,3,7,8-TCDF	102	101	1.0
2,3,7,8-TCDD	109	109	0.0
1,2,3,7,8-PeCDF	105	106	0.9
2,3,4,7,8-PeCDF	97	96	1.0
1,2,3,7,8-PeCDD	92	92	0.0
1,2,3,4,7,8-HxCDF	96	97	1.0
1,2,3,6,7,8-HxCDF	100	99	1.0
2,3,4,6,7,8-HxCDF	98	101	3.0
1,2,3,7,8,9-HxCDF	103	101	2.0
1,2,3,4,7,8-HxCDD	113	115	1.8
1,2,3,6,7,8-HxCDD	98	98	0.0
1,2,3,7,8,9-HxCDD	103	102	1.0

%REC = Percent Recovered

RPD = The difference between the two values divided by the mean value

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Method 8290 Spiked Sample Report

Client - Arkansas Analytical

Client's Sample ID	MW-28-MS		
Lab Sample ID	10747864004-MS		
Filename	U250905A_04	Matrix	WATER
Total Amount Extracted	946 mL	Dilution	NA
ICAL ID	U250825	Extracted	09/03/2025 11:33
CCal Filename(s)	U250905A_02 & U250905A_18	Analyzed	09/05/2025 10:38
Method Blank ID	BLANK-121012	Injected By	AH5

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.19	96	2,3,7,8-TCDF-13C	2.00	80
				2,3,7,8-TCDD-13C	2.00	76
				1,2,3,7,8-PeCDF-13C	2.00	78
2,3,7,8-TCDD	0.20	0.22	110	2,3,4,7,8-PeCDF-13C	2.00	79
				1,2,3,7,8-PeCDD-13C	2.00	88
				1,2,3,4,7,8-HxCDF-13C	2.00	89
1,2,3,7,8-PeCDF	1.00	1.05	105	1,2,3,6,7,8-HxCDF-13C	2.00	83
2,3,4,7,8-PeCDF	1.00	0.98	98	2,3,4,6,7,8-HxCDF-13C	2.00	84
				1,2,3,7,8,9-HxCDF-13C	2.00	86
				1,2,3,4,7,8-HxCDD-13C	2.00	81
1,2,3,7,8-PeCDD	1.00	0.91	91	1,2,3,6,7,8-HxCDD-13C	2.00	89
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	1.00	0.95	95	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	1.00	1.01	101			
2,3,4,6,7,8-HxCDF	1.00	1.01	101	2,3,7,8-TCDD-37Cl4	0.20	87
1,2,3,7,8,9-HxCDF	1.00	1.00	100			
1,2,3,4,7,8-HxCDD	1.00	1.07	107			
1,2,3,6,7,8-HxCDD	1.00	0.95	95			
1,2,3,7,8,9-HxCDD	1.00	0.97	97			

Qs = Quantity Spiked

Qm = Quantity Measured

Rec. = Recovery (Expressed as Percent)

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Method 8290 Spiked Sample Report

Client - Arkansas Analytical

Client's Sample ID	MW-28-MSD		
Lab Sample ID	10747864004-MSD		
Filename	U250905A_05	Matrix	WATER
Total Amount Extracted	944 mL	Dilution	NA
ICAL ID	U250825	Extracted	09/03/2025 11:33
CCal Filename(s)	U250905A_02 & U250905A_18	Analyzed	09/05/2025 11:25
Method Blank ID	BLANK-121012	Injected By	AH5

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.20	102	2,3,7,8-TCDF-13C	2.00	78
				2,3,7,8-TCDD-13C	2.00	75
				1,2,3,7,8-PeCDF-13C	2.00	76
2,3,7,8-TCDD	0.20	0.21	106	2,3,4,7,8-PeCDF-13C	2.00	77
				1,2,3,7,8-PeCDD-13C	2.00	84
				1,2,3,4,7,8-HxCDF-13C	2.00	90
1,2,3,7,8-PeCDF	1.00	1.06	106	1,2,3,6,7,8-HxCDF-13C	2.00	85
2,3,4,7,8-PeCDF	1.00	0.94	94	2,3,4,6,7,8-HxCDF-13C	2.00	83
				1,2,3,7,8,9-HxCDF-13C	2.00	85
				1,2,3,4,7,8-HxCDD-13C	2.00	80
1,2,3,7,8-PeCDD	1.00	0.90	90	1,2,3,6,7,8-HxCDD-13C	2.00	87
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	1.00	0.94	94	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	1.00	0.97	97			
2,3,4,6,7,8-HxCDF	1.00	1.01	101	2,3,7,8-TCDD-37Cl4	0.20	87
1,2,3,7,8,9-HxCDF	1.00	1.00	100			
1,2,3,4,7,8-HxCDD	1.00	1.09	109			
1,2,3,6,7,8-HxCDD	1.00	0.91	91			
1,2,3,7,8,9-HxCDD	1.00	0.98	98			

Qs = Quantity Spiked

Qm = Quantity Measured

Rec. = Recovery (Expressed as Percent)

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Method 8290 Spiked Sample Report

Client - Arkansas Analytical

Client's Sample ID	MW-16-MS		
Lab Sample ID	10747864017-MS		
Filename	U250905A_06	Matrix	WATER
Total Amount Extracted	953 mL	Dilution	NA
ICAL ID	U250825	Extracted	09/03/2025 11:33
CCal Filename(s)	U250905A_02 & U250905A_18	Analyzed	09/05/2025 12:13
Method Blank ID	BLANK-121012	Injected By	AH5

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.20	98	2,3,7,8-TCDF-13C	2.00	61
				2,3,7,8-TCDD-13C	2.00	57
				1,2,3,7,8-PeCDF-13C	2.00	60
2,3,7,8-TCDD	0.20	0.21	106	2,3,4,7,8-PeCDF-13C	2.00	61
				1,2,3,7,8-PeCDD-13C	2.00	68
				1,2,3,4,7,8-HxCDF-13C	2.00	72
1,2,3,7,8-PeCDF	1.00	1.01	101	1,2,3,6,7,8-HxCDF-13C	2.00	68
2,3,4,7,8-PeCDF	1.00	0.95	95	2,3,4,6,7,8-HxCDF-13C	2.00	68
				1,2,3,7,8,9-HxCDF-13C	2.00	67
				1,2,3,4,7,8-HxCDD-13C	2.00	58
1,2,3,7,8-PeCDD	1.00	0.87	87	1,2,3,6,7,8-HxCDD-13C	2.00	65
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	1.00	0.91	91	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	1.00	0.95	95			
2,3,4,6,7,8-HxCDF	1.00	0.95	95	2,3,7,8-TCDD-37Cl4	0.20	65
1,2,3,7,8,9-HxCDF	1.00	0.96	96			
1,2,3,4,7,8-HxCDD	1.00	1.11	110			
1,2,3,6,7,8-HxCDD	1.00	0.93	93			
1,2,3,7,8,9-HxCDD	1.00	1.00	100			

Qs = Quantity Spiked

Qm = Quantity Measured

Rec. = Recovery (Expressed as Percent)

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Method 8290 Spiked Sample Report

Client - Arkansas Analytical

Client's Sample ID	MW-16-MSD		
Lab Sample ID	10747864017-MSD		
Filename	U250905A_07	Matrix	WATER
Total Amount Extracted	945 mL	Dilution	NA
ICAL ID	U250825	Extracted	09/03/2025 11:33
CCal Filename(s)	U250905A_02 & U250905A_18	Analyzed	09/05/2025 13:00
Method Blank ID	BLANK-121012	Injected By	AH5

Native Isomers	Qs (ng)	Qm (ng)	% Rec.	Internal Standards	ng's Added	Percent Recovery
2,3,7,8-TCDF	0.20	0.21	105	2,3,7,8-TCDF-13C	2.00	80
				2,3,7,8-TCDD-13C	2.00	77
				1,2,3,7,8-PeCDF-13C	2.00	78
2,3,7,8-TCDD	0.20	0.23	114	2,3,4,7,8-PeCDF-13C	2.00	79
				1,2,3,7,8-PeCDD-13C	2.00	89
				1,2,3,4,7,8-HxCDF-13C	2.00	96
1,2,3,7,8-PeCDF	1.00	1.10	110	1,2,3,6,7,8-HxCDF-13C	2.00	90
2,3,4,7,8-PeCDF	1.00	1.02	102	2,3,4,6,7,8-HxCDF-13C	2.00	88
				1,2,3,7,8,9-HxCDF-13C	2.00	89
				1,2,3,4,7,8-HxCDD-13C	2.00	81
1,2,3,7,8-PeCDD	1.00	0.95	95	1,2,3,6,7,8-HxCDD-13C	2.00	89
				1,2,3,4-TCDD-13C	2.00	NA
1,2,3,4,7,8-HxCDF	1.00	0.99	99	1,2,3,7,8,9-HxCDD-13C	2.00	NA
1,2,3,6,7,8-HxCDF	1.00	1.05	105			
2,3,4,6,7,8-HxCDF	1.00	1.07	107	2,3,7,8-TCDD-37Cl4	0.20	84
1,2,3,7,8,9-HxCDF	1.00	1.04	104			
1,2,3,4,7,8-HxCDD	1.00	1.15	115			
1,2,3,6,7,8-HxCDD	1.00	1.01	101			
1,2,3,7,8,9-HxCDD	1.00	1.03	103			

Qs = Quantity Spiked

Qm = Quantity Measured

Rec. = Recovery (Expressed as Percent)

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Pace Analytical Services, LLC
 1700 Elm Street, Suite 200
 Minneapolis, MN 55414
 Phone: 612.607.1700
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Method 8290 Spike Sample Results

Client - Arkansas Analytical

Client Sample ID MW-28
 Lab Sample ID 10747864004
 MS ID 10747864004-MS
 MSD ID 10747864004-MSD

Sample Filename U250905A_12
 MS Filename U250905A_04
 MSD Filename U250905A_05

Analyte	Quantity Spiked	Unspiked Sample Contribution		Quantity Measured		RPD	Subtracted Recovery	
	(ng)	to MS	to MSD	MS	MSD		MS	MSD
		(ng)	(ng)	(ng)	(ng)		(%)	(%)
2,3,7,8-TCDF	0.20	ND	ND	0.19	0.20	5.4	96	102
2,3,7,8-TCDD	0.20	ND	ND	0.22	0.21	4.1	110	106
1,2,3,7,8-PeCDF	1.00	ND	ND	1.05	1.06	1.0	105	106
2,3,4,7,8-PeCDF	1.00	ND	ND	0.98	0.94	4.2	98	94
1,2,3,7,8-PeCDD	1.00	ND	ND	0.91	0.90	1.5	91	90
1,2,3,4,7,8-HxCDF	1.00	ND	ND	0.95	0.94	0.2	95	94
1,2,3,6,7,8-HxCDF	1.00	ND	ND	1.01	0.97	3.8	101	97
2,3,4,6,7,8-HxCDF	1.00	ND	ND	1.01	1.01	0.3	101	101
1,2,3,7,8,9-HxCDF	1.00	0.00135	0.00135	1.00	1.00	0.1	100	100
1,2,3,4,7,8-HxCDD	1.00	0.00255	0.00255	1.07	1.09	1.7	107	109
1,2,3,6,7,8-HxCDD	1.00	ND	ND	0.95	0.91	4.4	95	91
1,2,3,7,8,9-HxCDD	1.00	ND	ND	0.97	0.98	0.1	97	98

Quantity Spiked - the amount of analyte spiked into the spiked samples

Unspiked Sample Contribution - calculated based on the amount found in the sample and the extracted amounts of the spiked and unspiked samples

Quantity Measured - the total amount of analyte measured in the spiked samples

RPD - the Relative Percent Difference of the spiked sample Quantity Measured values

Subtracted Recovery - calculated after subtracting the unspiked sample contribution

Method 8290 Spike Sample Results

Client - Arkansas Analytical

Client Sample ID MW-16
Lab Sample ID 10747864017
MS ID 10747864017-MS
MSD ID 10747864017-MSD

Sample Filename U250905A_13
MS Filename U250905A_06
MSD Filename U250905A_07

Analyte	Quantity Spiked	Unspiked Sample Contribution		Quantity Measured		RPD	Subtracted Recovery	
	(ng)	to MS	to MSD	MS	MSD		MS	MSD
		(ng)	(ng)	(ng)	(ng)		(%)	(%)
2,3,7,8-TCDF	0.20	ND	ND	0.20	0.21	7.1	98	105
2,3,7,8-TCDD	0.20	ND	ND	0.21	0.23	7.4	106	114
1,2,3,7,8-PeCDF	1.00	ND	ND	1.01	1.10	8.6	101	110
2,3,4,7,8-PeCDF	1.00	ND	ND	0.95	1.02	7.0	95	102
1,2,3,7,8-PeCDD	1.00	ND	ND	0.87	0.95	9.3	87	95
1,2,3,4,7,8-HxCDF	1.00	ND	ND	0.91	0.99	8.8	91	99
1,2,3,6,7,8-HxCDF	1.00	ND	ND	0.95	1.05	9.9	95	105
2,3,4,6,7,8-HxCDF	1.00	ND	ND	0.95	1.07	12.0	95	107
1,2,3,7,8,9-HxCDF	1.00	0.00105	0.00104	0.96	1.04	8.2	96	104
1,2,3,4,7,8-HxCDD	1.00	0.00192	0.00191	1.11	1.15	4.0	110	115
1,2,3,6,7,8-HxCDD	1.00	ND	ND	0.93	1.01	7.6	93	101
1,2,3,7,8,9-HxCDD	1.00	ND	ND	1.00	1.03	3.7	100	103

Quantity Spiked - the amount of analyte spiked into the spiked samples

Unspiked Sample Contribution - calculated based on the amount found in the sample and the extracted amounts of the spiked and unspiked samples

Quantity Measured - the total amount of analyte measured in the spiked samples

RPD - the Relative Percent Difference of the spiked sample Quantity Measured values

Subtracted Recovery - calculated after subtracting the unspiked sample contribution

Appendix C

Key to Parameter Abbreviations/Statistical Database Revision

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

Third Quarter 2025

Historical Database

			Sr (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)	Cd (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mn (ug/l)	Mg (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	
	3/7/2025	3.16	n/a		0.743	68.3	<0.260	n/a	<0.260	0.842	<0.260		0.428	n/a	n/a	<0.416	n/a	n/a	<0.200	
	8/19/2025	1.45	n/a		0.613	60	<0.260	n/a	<0.260	0.941	<0.260		0.574	n/a	n/a	0.172	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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(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</	

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

MW-1A	u	Ni (ug/l)	Se (ug/l)	As (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)		
	5/11/2020	0.78	<2	<2	n/a	<2	<2	0.905	7.57(U)	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(U)	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(U)	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(U)	<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	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		
	3/7/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	1.57	<20.8	502	n/a	<5	<150	n/a	n/a	8.05	1732	0.94		
	8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	1.25	<20.8	517	n/a	<5	<150	n/a	n/a	7.22	1895	0.17		
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	<10	<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	<10	<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	<10	<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	<10	<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	<10	<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	<10	<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	<10	<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					

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Bc (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-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	3	<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	4	<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	6	<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	2	<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	3	<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	1	<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	2	<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	4	<30	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	0.256	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
	3/7/2025	<2.08	n/a	1.61	27.3	<0.260	n/a	<0.260	<0.260	0.506	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	1.56	27.1	<0.260	n/a	<0.260	<0.260	0.45	<0.520	n/a	n/a	0.118	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	n/a	0.148	16.1	n/a	n/a	0.039	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						

Historical Database

		N (µg/l)	Se (µg/l)	As (µg/l)	Mn (µg/l)	Tl (µg/l)	Sr (µg/l)	Va (µg/l)	Zn (µg/l)	Fluoride (µg/l)	Chloride (µg/l)	Oxalate (µg/l)	Sulfite (µg/l)	Sulfate (µg/l)	TDS (µg/l)	pH (±U)	Spec Cond (µmhos/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		n/a	6	<10	100	1200	<5	n/a	35000	245000	6.88	339	26	
		3/8/1995	<30	<2		2.8	n/a	<1	n/a		7	10	400	1900	<5	n/a	48000	369000	6.96	540	29
		9/28/1995	<30	<2	<2	n/a	<1	n/a		16	<10	230	1900	<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	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	<10		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	<0.002(J)	<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	<20.80	1.72	<0.260	4.91	304	n/a	<5	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	
		3/7/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.80	0.043	<20.8		321	n/a	<5	<150	n/a	n/a	6.51	560	0.82	
		8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.80	<0.260	<20.8		278	n/a	<5	<150	n/a	n/a	6.78	619	0.41	
MW-4S	d	5/11/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	473	n/a	n/a	<50	n/a	n/a	n/a	n/a	7.3	3.42	0.71	
		8/4/2020	0.61	7.68	<2	n/a	<2	3.94	<10	502	n/a	<5	<50	n/a	n/a	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																		

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		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-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	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	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	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	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	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	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	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	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	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	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	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
	3/7/2025	<2.08	n/a	5.43	56	<0.260	n/a	<0.260	<0.260	1.72	<0.520	n/a	n/a	<0.26	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	7.51	79	<0.260	n/a	<0.260	0.0759	1.88	<0.520	n/a	n/a	0.182	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
	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	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															

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

MW-6	d		N (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)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
	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		330	13400	<5	n/a	24800	228000	7	315	22.9
	3/10/1993	<40	<2		0.5	n/a	<1	n/a		17	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	<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	<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	<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	<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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	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	6.36	485	1.01
	2/25/2020	1.03	<2	<2	n/a		<2	<2	0.05	8.9	296	n/a	<5	<50	n/a	n/a	6.76	454	1.5
	5/11/2020	1.27	<2	<2	n/a		<2	<2	0.048(J)	8.9	304	n/a	<5	<50	n/a	n/a	6.71	453	3.71
	8/4/2020	0.93	<2	<2	n/a		<2	<2	0.062	<10	390	n/a	<5	<50	n/a	n/a	6.62	440	1.21
	11/3/2020	2.36	<2	<2	n/a		<2	<2	0.099	6.44	414	n/a	<5	<50	n/a	n/a	6.59	543	1.68
	2/23/2021	1.27	<5	<0.3	n/a		<0.25	<20	0.074(J)	<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(J)	<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(J)	<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
	3/7/2025	1.03	<5.20	<0.312	n/a		<0.260	<20.8	0.044	<20.8	484	n/a	<5	<150	n/a	n/a	6.58	571	9.5
	8/19/2025	1.22	<5.20	<0.312	n/a		<0.260	<20.8	0.063	<20.8	514	n/a	<5	<150	n/a	n/a	6.7	638	8.51
MW-6S	d																		
	5/11/2020	2.35	2.98(J)	<2															

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		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-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
	3/7/2025	<2.08	n/a	4.88	36.2	<0.260	n/a	0.085	0.218	2.35	0.286	n/a	n/a	0.494	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	1.74	52.5	<0.260	n/a	0.075	<0.260	1.05	0.211	n/a	n/a	<0.416	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
	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	<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	<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	<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	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
	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	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	<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	0.684	n/a	n/a	n/a
	8/23/2024	n/a	n/a	0.138	19	n/a	n/a	<0.260									

Elemental Environmental Solutions

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Historical Database

			Ni (ug/l)	Se (ug/l)	As (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)	Temp (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	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	<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	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	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		<50	n/a	n/a	6.34	860	0.41	
	2/25/2020	2.57	<2	<2	n/a		<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		0.224(I)	9.86(I)	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(I)	<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		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
	3/7/2025	2.06	<5.20	<0.312	n/a	<0.260	<20.8		0.643	<20.8	791	n/a	<5	<150	n/a	n/a	6.45	948	10.03	
	8/19/2025	1.22	<5.20	<0.312	n/a	<0.260	<20.8		0.656	<20.8	830	n/a	<5	<150	n/a	n/a	6.47	1256	1.11	
MW-8S	d																			
	5/11/2020	n/a	n/a	n/a	n/a	n/a														

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		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)	Fa (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	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	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	n/a	<0.1	<50	4	<20	3770	n/a		3	n/a	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	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	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	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	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	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	132	n/a
	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	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	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	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	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	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	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	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	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	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
	3/7/2025	<2.08	n/a	0.08	12.6	<0.260	n/a	<0.260	0.104	0.208	0.211	n/a	n/a	0.133	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	<0.260	11.5	<0.260	n/a	<0.260	0.146	0.219	2.33	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		Ni (ug/l)	Sr (ug/l)	As (ug/l)	Na (ug/l)	Ti (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Chloride (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	215000	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	<10	180	n/a	<20	n/a	n/a	n/a	n/a	6.42	207	28.5
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	n/a	6.63	344	8.11
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	<10	140	n/a	<20	n/a	n/a	n/a	n/a	6.1	340	12.8
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	<10	<100	n/a	<20	n/a	n/a	n/a	n/a	6.76	341	4.34
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	<10	199	n/a	<5	n/a	n/a	n/a	n/a	6.46	316	6.17
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	<10	150	n/a	<5	n/a	n/a	n/a	n/a	6.89	322	5.45
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	<10	<250	n/a	<5	n/a	n/a	n/a	n/a	6.64	321	22.9
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	<10	270	n/a	<5	n/a	n/a	n/a	n/a	6.6	335	6.56
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	n/a	6.5	321	4.01
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	<10	290	n/a	<5	n/a	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	n/a	7.02	318	35.4
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	<10	275	n/a	<5	n/a	n/a	n/a	n/a	6.63	398	9.97
	2/21/2006	n/a	<2	<2	n/a	n/a	n/a	<10	350	n/a	<5	n/a	n/a	n/a	n/a	6.84	310	4.83
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	n/a	6.83	225	3.28
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	<10	269	n/a	<5	n/a	n/a	n/a	n/a	6.45	316	1.28
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	<10	228	n/a	<5	n/a	n/a	n/a	n/a	6.59	306	2.23
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	n/a	6.57	252	3.26
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	<10	247	n/a	<5	n/a	n/a	n/a	n/a	6.6	225	3.53
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	<10	238	n/a	<5	n/a	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	<10	198	n/a	<5	n/a	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	<10	191	n/a	<5	n/a	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	219	n/a	<5	n/a	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	280	n/a	<2	n/a	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	207	n/a	<2	n/a	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	306	n/a	<2	n/a	n/a	n/a	n/a	6.32	279	2.63
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	314	n/a	<2	n/a	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	209	n/a	<5	n/a	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	275	n/a	<5	n/a	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	228	n/a	<5	n/a	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	205	n/a	<5	n/a	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	205	n/a	<5	n/a	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	171	n/a	5	n/a	n/a	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	312	n/a	<5	n/a	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	206	n/a	<5	n/a	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	203	n/a	<5	n/a	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	281	n/a	<5	n/a	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	283	n/a	<5	n/a	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	208	n/a	<5	n/a	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	190	n/a	<5	n/a	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	n/a	6.42	284	2.18
	8/4/2020	0.65	<3	<2	n/a	<2	<2	0.135(J)	<10	258	n/a	<5	113	n/a	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	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(J)	7.9(J)	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(J)	<5.20	<0.312	n/a	<0.260	<20.8	0.096(J)	<20.8	318	n/a	<5	<150	n/a	n/a	7.08	253	0.88
	8/25/2022	0.68	<5.20	<0														

Elemental Environmental Solutions

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Historical Database

		Sr (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cl (ug/l)	Cr (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
	10/27/1995	6	n/a	6	201	0.3	<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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	3/21/2000	n/a	n/a	7	33	<0.2	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	9/16/2019	<2	15	<2	12.2	<2	43400	<1	1.53	0.287	2.2	400	4140	<2	5900	164
	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
	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
	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	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
	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
	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.200
	3/7/2025	<2.08	n/a	0.116	15.2	<0.260	n/a	<0.260	0.219	0.113	0.23	n/a	n/a	0.214	n/a	<0.200
	8/19/2025	<2.08	n/a	0.115	12.4	<0.260	n/a	<0.260	0.128	0.07	4.42	n/a	n/a	<0.416	n/a	<0.200

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		Ni (ug/l)	Sg (ug/l)	As (ug/l)	Md (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 (pH)	Spec. Cond. (umho/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		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	<10	30	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	20	134	n/a	<20	n/a	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	2.3	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	2.24
		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	16000	<2	<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	<20	0.049(j)	<20	219	n/a	<5	<150	n/a	n/a	6.75	356	0.64
		5/12/2021	0.66	<5.2	<0.312	n/a	<0.26	<20.8	0.06(j)	9.54(j)	213	n/a	<5	<150	n/a	n/a	6.64	310	0.79
		8/24/2021	0.31	<5.2	<0.312	n/a	<0.26	<20.8	<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	<20.8	<0.26	<20.8	347	n/a	<5	<150	n/a	n/a	6.6	358	0.4
		3/3/2022	0.62	<5.2	<0.312	n/a	<0.26	<20.8	<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	<20.8	<0.260	<20.8	314(j)	n/a	<5	<150	n/a	n/a	6.78	303	1.22
		8/25/2022	0.33	<5.20	<0.312	n/a	<2.60	<20.8	<0.260	<20.8	284	n/a	<5	<150	n/a	n/a	6.26	162.4	4.84
		8/25/2022	0.33	<5.20	<0.312	n/a	<2.60	<20.8	<0.260	<20.8	284	n/a	<5	<150	n/a	n/a	6.26	162.4	4.84
		8/15/2023	3.23	<5.20	<0.312	n/a	<0.260	<20.8	0.208(j)	8.48(j)	255	n/a	<5	<150	n/a	n/a	6.17	203	11.3
		3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	1.71	<0.260	<20.8	265	n/a	2	<150	n/a	n/a	6.24	484	6.5
		8/23/2024	2.82	<5.20	<0.312	n/a	<0.260	<20.8	0.15	11	277	n/a	<5	<150	n/a	n/a	6.58	292	10.06
		3/7/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	0.131	<20.8	280	n/a	<5	<150	n/a	n/a	6.49	302	6.13
		8/19/2																	

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		Sa (µg/l)	Al (µg/l)	As (µg/l)	Ba (µg/l)	Be (µg/l)	Ca (µg/l)	Co (µg/l)	Cr (µg/l)	Cu (µg/l)	Fe (µg/l)	K (µg/l)	Pb (µg/l)	Mg (µg/l)	Mn (µg/l)	Hg (µg/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		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(n/a)	n/a	<3	n/a	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
	3/7/2025	<2.08	n/a	0.235	9.4	<2.60	n/a	<0.260	0.121	<0.260	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	0.203	9.36	<2.60	n/a	<0.260	<0.260	<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
	6/11/2025	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a></		

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		Ni (ug/l)	Se (ug/l)	Kr (ug/l)	Na (ug/l)	Ti (ug/l)	Sa (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfate (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(I)	<2	<2	n/a	<2	<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(I)	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(I)	<5.20	<0.312	n/a	<0.260	<20.8	0.042(I)	<20.8	301(I)	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 (I)	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	243	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
	3/7/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	274	n/a	<5	<150	n/a	n/a	6.65	444	0.53
	8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	246	n/a	<5	<150	n/a	n/a	7.17	572	0.09
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(I)	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(I)	<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 (I)	<5.20	<0.312	n/a	<0.260	<20.8	0.073 (I)	<20.8	0.24	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	<2											

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		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cl (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Hg (ug/l)	Mn (ug/l)	Ni (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
	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
	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
	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
	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
	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
	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
	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
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
	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
	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
	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
	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
	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
	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
	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
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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	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
	9/16/2019	<2	<100		2.81	53.7	<2	27200	<1	<2	0.665	2.09	4460	3410	<2	4230	263
	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
	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
	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
	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
	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
	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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<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	<0.200
	3/7/2025	<2.08	n/a		2.67	89.7	<0.260	n/a	<0.260	0.162	0.514	0.291	n/a	n/a	<0.416	n/a	<0.200
	8/19/2025	<2.08	n/a		2.77	104	<0.260	n/a	<0.260	0.102	0.52	0.167	n/a	n/a	0.153	n/a	<0.200

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		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 (pH)	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	<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	311	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
	3/7/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	0.08	<20.8	366	n/a	2	<150	n/a	n/a	6.65	297	10.03
	8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	239	n/a	<5	<150	n/a	n/a	6.83	311	6.49

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Historical Database

		Sb (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)	Hf (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
	3/7/2025	<2.08	n/a	0.746	25.4	<2.60	n/a	<0.260	<0.260	0.142	0.233	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	0.653	23.6	<2.60	n/a	<0.260	<0.260	0.156	0.162	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions

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Historical Database

		Ni (ug/l)	Se (ug/l)	Ks (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)	Temp (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	n/a	14	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	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(J)	<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(J)	<20.8	395(J)	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	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
	3/7/2025	0.52	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	344	n/a	<5	<150	n/a	n/a	6.49	214	10.89
	8/19/2025	0.51	<5.20	<0.312	n/a	<0.260	<20.8	<0.26	<20.8	304	n/a	<5	<150	n/a	n/a	6.32	1108	6

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Historical Database

		Sb (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)	Hf (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
	1/0/1900	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
	3/7/2025	<2.08	n/a	0.915	15.1	<0.260	n/a	<0.260	<0.260	0.246	0.322	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	0.932	13.9	<0.260	n/a	<0.260	<0.260	0.213	0.167	n/a	n/a	<0.416	n/a	n/a	<0.200

Elemental Environmental Solutions

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Historical Database

		Ni (ug/l)	Se (ug/l)	Ks (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. (umhscm)	Temp (Nt)
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
	1/0/1900	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	<2	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	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	6.55	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	162	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	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
	3/7/2025	0.74	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	236	n/a	<5	<150	n/a	n/a	6.5	234	8.44
	8/19/2025	0.66	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	213	n/a	<5	<150	n/a	n/a	6.45	264	6.26

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		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Ba (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)	Hg (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
	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
	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
	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
	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
	8/29/2003	n/a	n/a		2	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	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
	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
	8/10/2004	n/a	n/a		1.2	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a
	2/25/2005	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
	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
	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
	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
	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
	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
	2/7/2008	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
	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
	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
	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
	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
	8/17/2010	n/a	n/a		n/a	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
	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
	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
	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
	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
	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
	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
	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	n/a
	11/13/2019	<2	<100	1.02	24.4	<2	n/a	<1	0.133	0.155	0.214	n/a	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	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 (	3.29	n/a	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 (	0.249 (J)	n/a	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	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	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	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	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	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	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	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	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	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	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	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	n/a	<0.416	n/a	n/a	<0.200
	3/7/2025	<2.08	n/a	1.18	28.5	<0.260	n/a	<0.260	<0.260	0.162	0.254	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	1	28.8	<0.260	n/a	<0.260	<0.260	0.164	0.162	n/a	n/a	<0.416	n/a	n/a	<0.200

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Historical Database

		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. (umasc/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	5.89	271	4.96
	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	n/a	1.08	6.83	253
	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
	3/7/2025	0.5	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	265	n/a	<5	<150	n/a	n/a	6.5	260	12.9
	8/19/2025	0.51	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	179	n/a	<5	<150	n/a	n/a	6.57	1254	8.25

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

		Se (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)	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
	3/7/2025	<2.08	n/a	<0.260	8.5	<0.260	n/a	<0.260	0.149	<0.260	0.365	n/a	n/a		0.18	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	<0.260	21.3	<0.260	n/a	<0.260	<0.260	<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
	3/7/2025	<2.08	n/a	<2.60	10.4	<2.60	n/a	<0.260	0.0801	<0.260	<0.520	n/a	n/a		<0.416	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	<2.60	10	<2.60	n/a	<0.260	<0.260	<0.260	<0.520	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
	3/7/2025	<2.08	n/a	0.459	16	<0.260	n/a	<0.260	0.505	0.232	0.369	n/a	n/a		0.485	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	0.215	14.2	<0.260	n/a	0.05	0.302	0.151	0.21	n/a	n/a		0.235	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
	3/7/2025	<2.08	n/a	1.4	40	<0.260	n/a	0.162	0.677	0.742	1.27	n/a	n/a		2.18	n/a	n/a	<0.200
	8/19/2025	<2.08	n/a	0.212	52.1	<0.260	n/a	0.072	0.139	0.551	0.264	n/a	n/a		0.21	n/a	n/a	<0.200
PZ-24-2	d																	
	8/19/2025	<2.08	n/a	0.382	52.9	<0.260	n/a	0.073	0.174	0.095	0.355	n/a	n/a		0.186	n/a	n/a	<0.200
PZ-25-2	d																	
	8/19/2025	<2.08	n/a	0.947	75.5	0.105	n/a	0.069	1.12	0.413	1.32	n/a	n/a		1.58	n/a	n/a	0.09
PZ-26-2	d																	
	8/19/2025	<2.08	n/a	2.8	244	0.584	n/a	0.1	1.47	4.92	7.12	n/a	n/a		8.94	n/a	n/a	0.0825
PZ-27-2	d																	
	8/19/2025	<2.08	n/a	2.42	48.2	0.112	n/a	0.042	1.62	0.506	2.18	n/a	n/a		2.09	n/a	n/a	<0.200
PZ-31-2	d																	
	8/19/2025	0.94	n/a	0.868	19.9	<0.260	n/a	0.537	0.397	1.06	1.04	n/a	n/a		2.72	n/a	n/a	<0.200

Elemental Environmental Solutions

Third Quarter 2025

Historical Database

			N (ug/l)	Se (ug/l)	As (ug/l)	Mn (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	
		3/7/2025	2.93	<5.20	<0.312	n/a	<0.26	<20.8	0.045	7.79	199	n/a	<5	<150	n/a	n/a	6.72	221	9.6	
		8/19/2025	<1.56	<5.20	<0.312	n/a	<0.26	<20.8	0.046	<20.8	172	n/a	<5	<150	n/a	n/a	6.45	255	9	
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	<20.8	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	
		3/7/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	435	n/a	<5	<150	n/a	n/a	6.33	155.1	1.5	
		8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	<0.260	<20.8	418	n/a	<5	<150	n/a	n/a	5.93	185	0.11	
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	<20.8	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	
		3/7/2025	0.58	<5.20	<0.312	n/a	<0.260	<20.8	0.599	<20.8	291	n/a	<5	<150	n/a	n/a	6.56	310	4.68	
		8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	0.467	<20.8	250	n/a	<5	<150	n/a	n/a	5.93	266	6.16	
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	<20.8	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	
		3/7/2025	2.01	<5.20	<0.312	n/a	<0.260	<20.8	1.38	7.97	463	n/a	<5	<150	n/a	n/a	6.25	1349	11.09	
		8/19/2025	1.86	<5.20	<0.312	n/a	<0.260	<20.8	0.335	5.39	433	n/a	<5	<150	n/a	n/a	6.28	1269	0.1	
PZ-24-2	d	8/19/2025	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	0.134	<20.8	303	n/a	<5	<150	n/a	n/a	6.93	243	14	
PZ-25-2	d	8/19/2025	2.36	<5.20	<0.312	n/a	<0.260	<20.8	6.56	10.9	1080	n/a	<5	<150	n/a	n/a	6.47	585	18.3	
PZ-26-2	d	8/19/2025	6.55	<5.20	<0.312	n/a	<0.260	<20.8	14.2	35.7	n/a	n/a	<5	<150	n/a	n/a	7	1150	1000	
PZ-27-2	d	8/19/2025	1.44	<5.20	<0.312	n/a	<0.260	<20.8	9.62	17.5	763	n/a	<5	<150	n/a	n/a	6.78	1050	18	
PZ-31-2	d	8/19/2025	5.04	<5.20	<0.312	n/a	<0.260	<20.8	3.09	5.39	359	n/a	<5	<150	n/a	n/a	6.64	2320	1.98	