Haley Griffith (adpce.ad)

From: Acree, Matt J <Matt.Acree@terracon.com>
Sent: Friday, December 13, 2024 1:16 PM
To: EE GW Reports
Cc: 'Clark, Cole'; Jaros, David G.
Subject: Veolia 3rd Quarter 2024 GWMR (AFIN: 10-00004)
Attachments: Veolia 3rd Quarter 2024 GWMR.pdf

To whom it may concern,

Please find attached the 3rd Quarter of 2024 Groundwater Monitoring Report for the Veolia - Gum Springs plant (AFIN: 10-00004).

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

Thank you,

Matt Acree, P.G.

Staff Geologist

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December 13, 2024

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

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

Dear Mr. Clark:

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

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

Sincerely,
Terracon Consultants, Inc.

Matt Acree, P.G.
Staff Geologist

David Jaros, P.G.
Project Manager

Quin Baber, P.G.
Environmental Department Manager

Third Quarter 2024

Groundwater Monitoring Report

ELEMENTAL ENVIRONMENTAL SOLUTIONS
GUM SPRINGS PLANT LANDFILL
SOLID WASTE PERMIT 262-S
AFIN 10-00004

TERRACON PROJECT 35237054
December 13, 2024

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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TABLE OF CONTENTS

THIRD QUARTER 2024 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 2024 semi-annual detection monitoring event.

1.1 Site Location

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

1.2 Site Groundwater Monitoring System

The uppermost aquifer groundwater monitoring system for the Veolia Landfill consists of thirteen 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, and MW-29. Monitoring wells MW-2, MW-12, and MW-16 are upgradient wells. The remaining wells were installed at the point of compliance dictated by the landfill construction footprint and the RCRA permit (Module X Permit 30H).

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

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

2.0 GROUNDWATER SAMPLING

The Third Quarter 2024 groundwater monitoring event for the EES Landfill was conducted on August 21-23 and 26, 2024. The procedures for obtaining groundwater samples, parameters analyzed, and sample preservation and handling are discussed in the following sections. Samples were collected according to the *Sampling and Analysis Plan* presented in Attachment E-3, Section 3.0 of the Part B Application and Module X.

2.1 Water Level Determination

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

2.2 Well Evacuation

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

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

In order to document that formation waters are entering the well, representative samples of the discharge water were periodically collected and tested for field water quality parameters. The parameters measured were pH, specific conductance, temperature, and turbidity. Water quality parameters (with the exception of turbidity) were considered stable if three 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 2024 sampling event is presented in TABLE 2.

TABLE 2
FIELD MEASUREMENTS

WELL #	DATE	DATUM ELEV. (FMSL)	DEPTH TO WATER(FT)	GW SURF. ELEV. (FMSL)	TEMP. (ºC)	pH (SU)	SPEC. COND. (µS/cm)	TURB. (NTU)
MW-2	8/21/2024	271.10	84.57	186.53	22.7	6.20	352	26.7
MW-4	8/23/2024	189.88	10.15	179.73	23.1	6.74	531	2.11
MW-6	8/23/2024	187.57	9.05	178.52	22.2	6.61	603	12.1
MW-8	8/26/2024	189.64	10.93	178.71	24.0	6.70	794	18.7
MW-12	8/21/2024	270.04	82.76	187.28	21.8	6.50	261	3.24
MW-16	8/21/2024	270.14	82.00	188.14	21.0	6.58	292	10.06
MW-18	8/23/2024	191.87	10.34	181.53	21.7	6.94	486	3.62
MW-24	8/23/2024	179.86	3.88	175.98	22.5	6.80	334	3.12
MW-25	8/23/2024	179.43	3.84	175.59	20.9	6.45	227	6.44
MW-26	8/22/2024	178.89	3.75	175.14	22.8	6.70	231	9.62
MW-27	8/22/2024	178.66	3.79	174.87	23.2	6.74	262	10.31
MW-28	8/22/2024	177.76	2.89	174.87	22.7	6.69	223	3.14
MW-29	8/26/2024	188.97	8.09	180.88	24.3	6.55	158.8	1.72
MW-30	8/22/2024	188.81	7.82	180.99	23.6	6.78	244	18.7
MW-31	8/21/2024	189.43	13.02	176.41	20.9	6.41	1011	9.16
MW-1A	8/23/2024	270.27	31.54	238.73	19.6	8.47	1541	3.45
MW-4S	8/23/2024	189.43	14.74	174.69	22.2	6.80	2420	4.99
MW-6S	8/23/2024	188.95	12.34	176.61	21.8	6.58	1490	6.22
MW-8S	8/22/2024	188.97	12.78	176.19	24.8	6.99	1525	1.88
MW-18S	8/23/2024	192.29	7.46	184.83	21.2	6.98	2150	3.69

2.6 Field QA/QC Procedures

It should be noted that chromium was detected in the field blank and cyanide and sulfide were detected as J values in the field blank during the Third Quarter 2024 event.

A duplicate sample was collected at MW-12 labeled Dup. Procedures utilized for collecting the duplicate sample was identical to the sampling protocol detailed in Section 2.4 and collected at the same time as the MW-12 samples. 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 2024 SAMPLING EVENT

The sampling results included in this report are for the Third Quarter 2024 detection monitoring event conducted on August 21-23 and 26, 2024. 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 2024 sampling event. As stated previously, there are currently thirteen 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, and MW-29) 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 2024 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 2024 sampling event. The statistical methods used to evaluate the groundwater data for statistically significant increases (SSIs) are based on procedures outlined in the Reynolds Metals Company Gum Springs Facility RCRA Renewal Permit 30H-RN1 Module X Condition F.1. Currently, Module X Condition F.1 states that the reported parameter concentrations determined to exceed the background values specified in Condition C.1 are evaluated utilizing prediction interval statistics. It should be noted that this is the fourteenth quarterly event for the Appendix IX parameters to help determine background values in accordance with Regulation No. 23 §264. Since eight background events have occurred, EES will propose background values for all appendix IX parameters as well as indicators parameters of fluoride, cyanide, arsenic, and pH. The Sampling and Analysis Plan (SAP) will also be updated once the background levels have been approved by ADEQ.

The criterion for selecting a method is as follows:

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

3.2.2 Comparison to Established Water Quality Standards

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

It should be noted that the "S" wells have historically had poor recharge and limited water was available for sampling Appendix IX constituents. Constituents that were not collected during the Third Quarter 2024 event will be attempted in the Fourth Quarter 2024 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	0.588	<0.005	0.000135 J	6.80	0.0149	0.000045 J	0.000180 J	0.000569	<0.000416
MW-6S	0.343 J	<0.005	0.000172 J	6.58	0.0136	0.000099 J	0.000475 J	0.000445	0.000556
MW-8S	0.589	<0.005	0.000138 J	6.94	0.0190	0.000074 J	0.000236 J	0.000494	<0.000416
MW-18S	1.73	<0.005	0.000396	6.98	0.0140	0.000338	0.000608	0.000586	<0.000416
MW-1A	0.466 J	<0.005	0.000584 J	8.47	0.0621	0.000038 J	0.000330 J	0.00186	<0.000416
MW-2	0.289 J	<0.005	0.000291	**6.20**	0.0231	0.000568	0.000635	0.00343	0.000497
MW-4	0.285 J	<0.005	0.00127	6.74	0.0279	0.000374	<0.00052	0.000317	<0.000416
MW-6	0.456 J	<0.005	0.00789	6.61	0.0662	0.00172	0.000575	0.000256 J	<0.000416
MW-8	1.71	0.002 J	0.00384	6.70	0.059	0.00132	0.00109	0.00144	0.00129
MW-12	0.285 J	<0.005	0.000080 J	6.50	0.0123	0.000249 J	0.000214 J	0.00135	<0.000416
(Dup)	0.274 J	<0.005	0.000062 J	**6.36**	0.0121	0.000282	0.000249 J	0.00150	<0.000416
MW-16	0.277 J	<0.005	0.000163 J	6.58	0.0148	0.000350	0.000454 J	0.00232	0.000263 J
MW-18	0.259 J	<0.005	0.000216 J	6.94	0.00867	<0.000260	<0.00052	0.000263	<0.000416
MW-24	0.249 J	<0.005	0.00267	6.80	0.0842	0.000586	0.000160 J	0.000303	<0.000416
MW-25	0.310 J	<0.005	0.000747	**6.45**	0.0220	0.000147 J	<0.00052	0.000294	<0.000416
MW-26	0.233 J	<0.005	0.000882	6.70	0.0115	0.000259 J	0.000179 J	0.000280	<0.000416
MW-27	0.200 J	<0.005	0.00102	6.74	0.0251	0.000159 J	<0.00052	0.000325	<0.000416
MW-28	0.196 J	<0.005	<0.000260	6.69	0.0106	<0.000260	<0.00052	0.000311	<0.000416
MW-29	0.412 J	0.002 J	<0.000260	6.55	0.00966	<0.000260	0.000216 J	0.000334	<0.000416
MW-30	0.276 J	<0.005	0.000295	6.78	0.0154	0.000294	0.000208 J	0.000687	0.000387 J
MW-31	0.416 J	<0.005	0.000503	**6.41**	0.0369	0.000570	0.000280 J	0.00147	0.000121 J
Limit	**4***	**0.2***	**0.01***	**6.5-8.5****	**2***	---	**1.3***	**0.1***	**0.015***

*Primary Drinking Water Standard-Maximum Contaminant Level (MCL)
**Secondary Drinking Water Standard (SDWS)
Values in **Bold** exceed a Drinking Water Standard
The pH values noted on this table are field measurements

Dup is a duplicate sample of MW-12
FB is a field blank

TABLE 3 Cont.
GROUNDWATER QUALITY RESULTS

Monitoring wells	Antimony (mg/l)	Cadmium (mg/l)	Nickel (mg/l)	Vanadium (mg/l)	Zinc (mg/l)	Acetone (ug/l)	Acetonitrile (ug/l)	Bis(2-ethylhexyl) phthalate (ug/l)
MW-4S	<0.00208	<0.000260	0.00064 J	0.000230 J	<0.0208	<50.0	<50.0	<7.50
MW-6S	<0.00208	<0.000260	0.00173	0.000407	<0.0208	<50.0	<50.0	<7.50
MW-8S	<0.00208	<0.000260	0.00076 J	0.000209 J	<0.0208	2.47 J	<50.0	<7.50
MW-18S	0.000724 J	0.000586	0.00256	0.000354	<0.0208	2.81 J	<50.0	<7.50
MW-1A	0.00145 J	<0.000260	<0.00156	0.00131	<0.0208	<50.0	<50.0	<7.50
MW-2	0.000442 J	<0.000260	0.00328	0.000904	0.00828 J	<50.0	<50.0	<7.50
MW-4	<0.00208	<0.000260	<0.00156	<0.000260	<0.0208	4.01 J	<50.0	<7.50
MW-6	<0.00208	<0.000260	0.00203	0.000054 J	0.00521 J	2.95 J	<50.0	<7.50
MW-8	<0.00208	0.000116 J	0.00274	0.00342	0.00715 J	4.53 J	<50.0	<7.50
MW-12	<0.00208	<0.000260	0.00140 J	0.000101 J	0.00645 J	<50.0	<50.0	<7.50
(Dup)	<0.00208	<0.000260	0.00167	0.000104 J	0.00798 J	1.92 J	<50.0	<7.50
MW-16	<0.00208	<0.000260	0.00282	0.000150 J	0.011 J	<50.0	17.6 J	<7.50
MW-18	<0.00208	<0.000260	0.0005 J	<0.000260	<0.0208	3.99 J	<50.0	<7.50
MW-24	0.000392 J	<0.000260	0.00064 J	0.00005 J	<0.0208	2.36 J	<50.0	<7.50
MW-25	<0.00208	<0.000260	0.00071 J	<0.000260	<0.0208	1.83 J	<50.0	<7.50
MW-26	0.000476 J	<0.000260	0.00085	<0.000260	<0.0208	1.85 J	<50.0	<7.50
MW-27	0.000344 J	0.00102	0.00063 J	<0.000260	<0.0208	9.96	<50.0	<7.50
MW-28	<0.00208	<0.000260	<0.00156	<0.000260	<0.0208	9.39	<50.0	<7.50
MW-29	<0.00208	<0.000260	0.00153 J	<0.000260	<0.0208	<50.0	<50.0	<7.50
MW-30	<0.00208	<0.000260	0.00276	0.000237 J	<0.0208	3.10 J	<50.0	<7.50
MW-31	<0.00208	0.000056 J	0.00257	0.000178 J	0.00893 J	5.98	<50.0	<7.50
Limit	***0.006****	***0.005****	---	**---**	**5****	**---**	---	**6***

*Primary Drinking Water Standard-Maximum Contaminant Level (MCL)
**Secondary Drinking Water Standard (SDWS)
Values in **Bold** exceed a Drinking Water Standard
The pH values noted on this table are field measurements
Dup is a duplicate sample of MW-12
FB is a field blank

The pH value for wells MW-2, MW-25, and MW-31 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 was collected at MW-12 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 samples. The duplicate samples were collected to verify the consistency and precision of the sampling and testing procedures. Analysis of the rinsate blank shows all concentrations within normal limits.

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					
	8/23/2024	0.000584	<0.005	0.466 J	8.47
MW-4S					
	8/23/2024	0.000135 J	<0.005	0.588	6.80
MW-6S					
	8/23/2024	0.000172 J	<0.005	0.343 J	6.58
MW-8S					
	8/22/2024	0.000138 J	<0.005	0.589	6.92
MW-18S					
	8/23/2024	0.000396	<0.005	1.73	6.98
Cell 1 Leachate					
	8/26/2024	5.2	15.6	792	12.00
	Historical Range	0.243 – 18.7	1.15 – 87.0	324 – 2800	8.49 – 13.4
Cell 2 Leachate					
	8/26/2024	8.22	28.5	3790	12.60
	Historical Range	0.369 – 14.3	2.30 – 8812.8	884 - 6270	8.12 – 12.7
Cell 3,4,5,6,8 Leachate					
	8/26/2024	2.31	4.95	808	10.70
	Historical Range	0.062 – 13.6	0.139 – 81.8	112 - 8210	9.37 – 12.8

4.0 CONCLUSIONS

Based on the results of the Third Quarter 2024 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 2024 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 2024 sampling event.*

- *The pH value for wells MW-2, MW-25, and MW-31 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.*

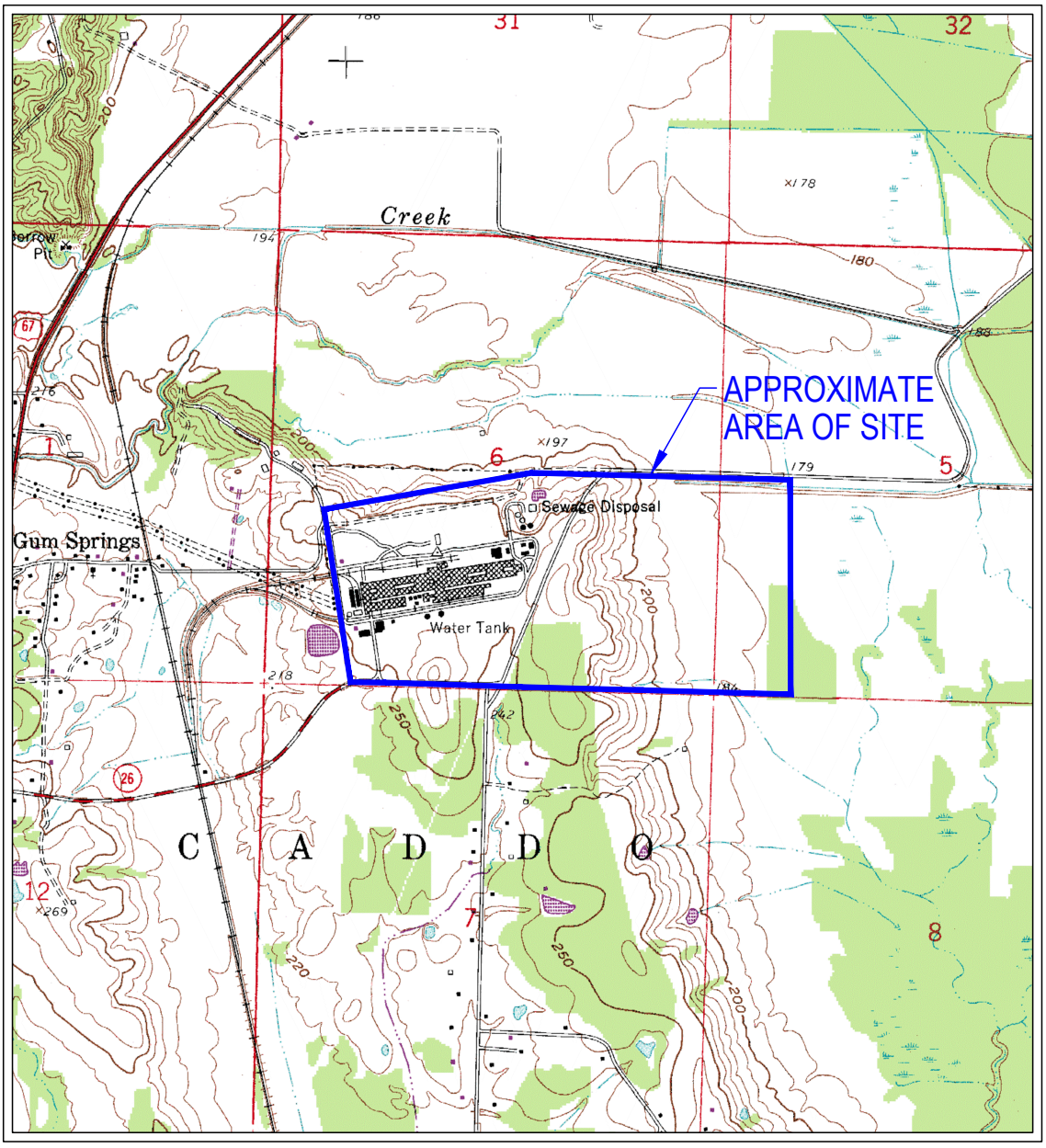
- *It should be noted that this is the fourteenth quarterly event for the Appendix IX parameters to help determine background values in accordance with Regulation No. 23 §264.*

Statistical Evaluation

- *The next quarterly groundwater sampling event is tentatively scheduled for November 2024.*

Figures

UNITED STATES – DEPARTMENT OF THE INTERIOR – GEOLOGICAL SURVEY



SCALE 1:24 000

1 .5 0 KILOMETERS 1 2

1000 0 METERS 1000 2000

1 .5 0 1

MILES

1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

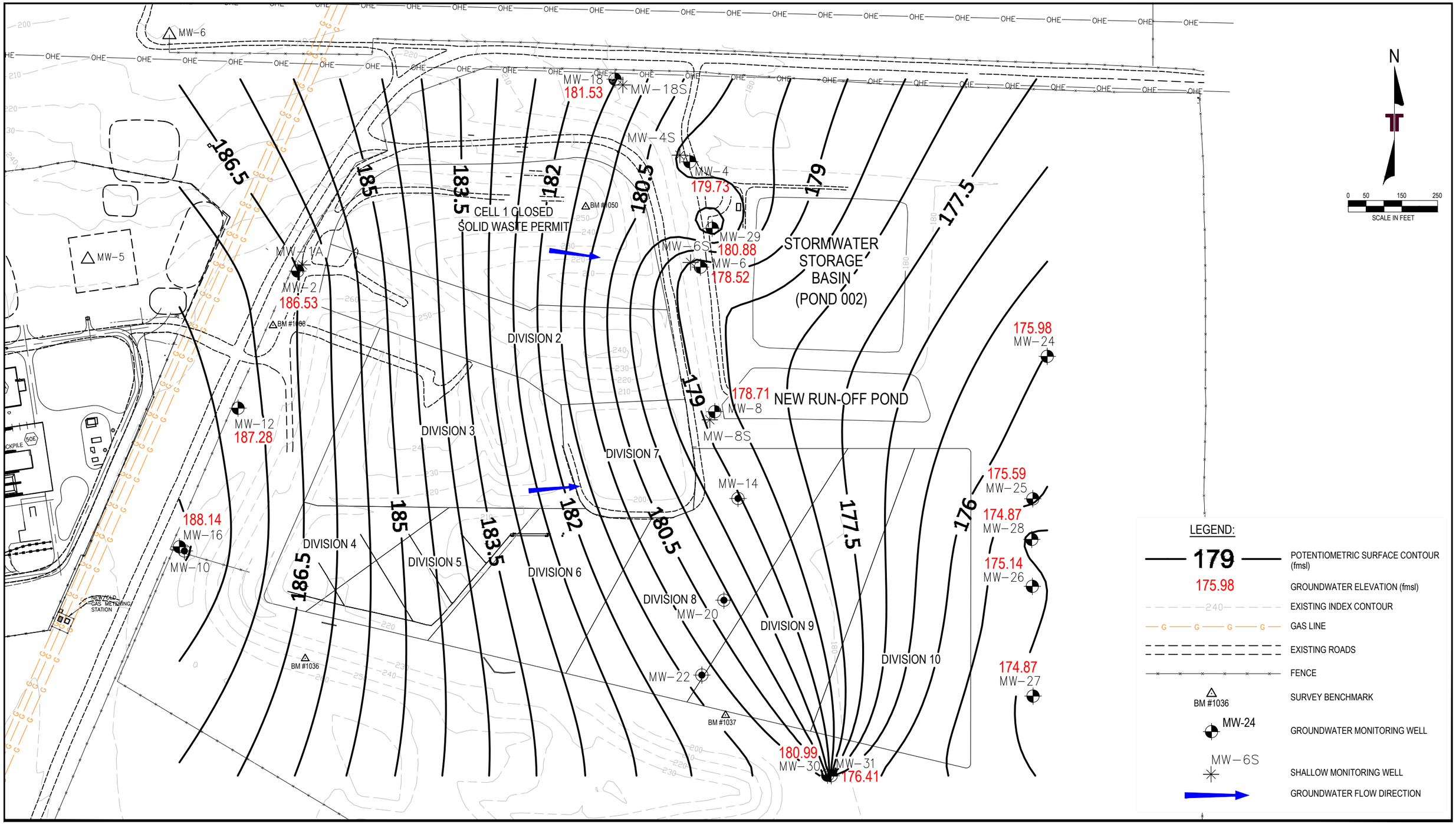
N

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	Project No. 052-002-35987017B	Terracon Consulting Engineers and Scientists	SITE LOCATION MAP	FIG. No.
Drawn By: PTG	Scale: AS SHOWN	25809 I-30 SOUTH BRYANT, AR 72022	ELEMENTAL ENVIRONMENTAL SOLUTIONS	1
Checked By: PTG	File No. 032	PH. (501) 847-9292 FAX. (501) 847-9210	GUM SPRINGS PLANT	
Approved By: DGJ	Date: 4/13/2020		GUM SPRINGS ARKANSAS	



LEGEND:

- 179 — POTENTIOMETRIC SURFACE CONTOUR (fmsl)
- 175.98 — GROUNDWATER ELEVATION (fmsl)
- 240 — EXISTING INDEX CONTOUR
- G G G G — GAS LINE
- EXISTING ROADS
- FENCE
- BM #1036 — SURVEY BENCHMARK
- MW-24 — GROUNDWATER MONITORING WELL
- MW-6S — SHALLOW MONITORING WELL
- GROUNDWATER FLOW DIRECTION

REV.	DATE	BY	DESCRIPTION

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

POTENTIOMETRIC SURFACE MAP

NACATOCH SAND / ALLUVIAL AQUIFER - 3rd QUARTER 2024

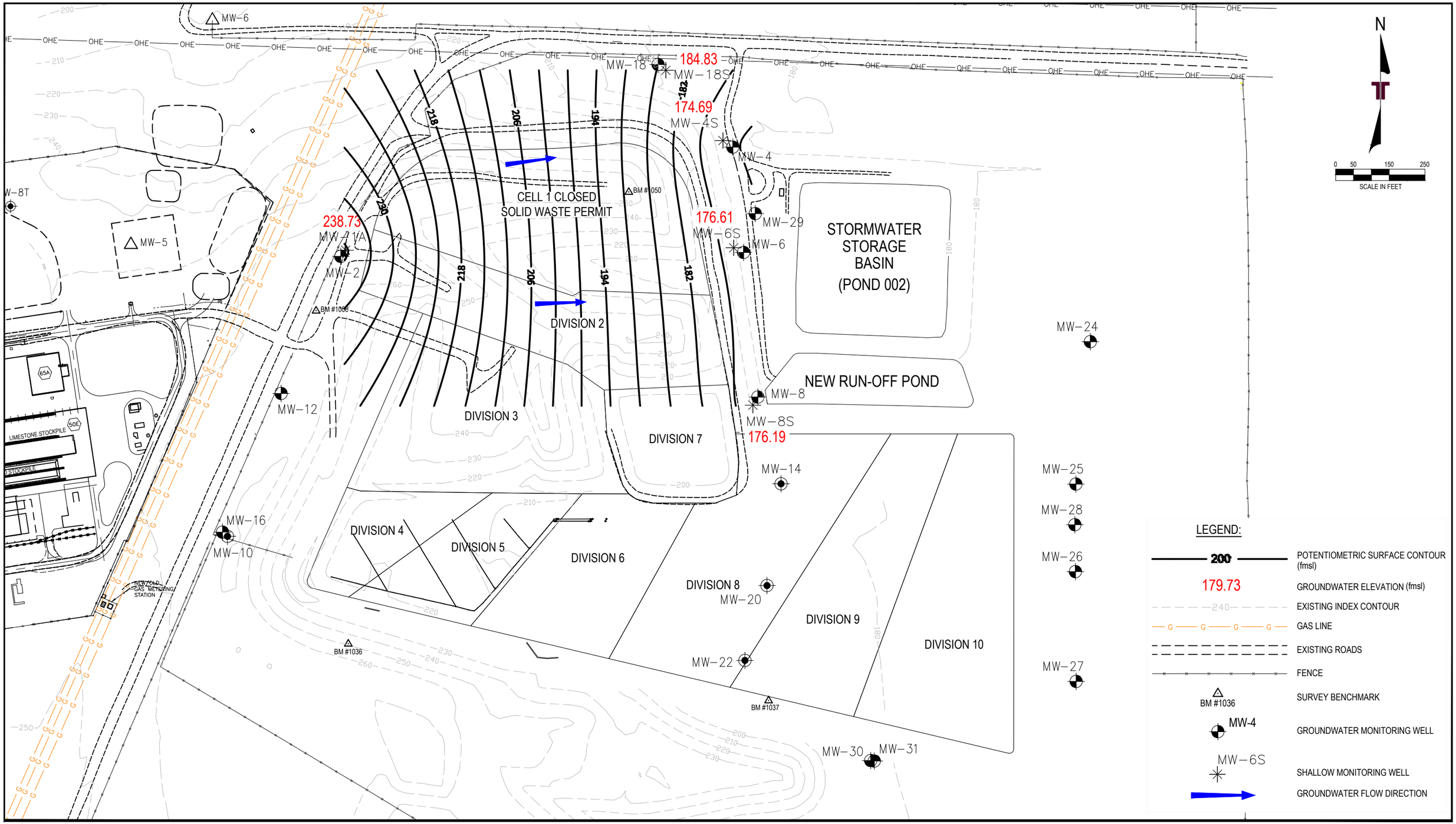
ELEMENTAL ENVIRONMENTAL SOLUTIONS

GUM SPRINGS PLANT

GUM SPRINGS ARKANSAS

FIGURE 2

DESIGNED BY:	PTG
DRAWN BY:	PTG
APPVD. BY:	DGJ
SCALE:	AS SHOWN
DATE:	9/9/2024
JOB NO.	052-002-35987017B
ACAD NO.	094
SHEET NO.:	OF



REV.	DATE	BY	DESCRIPTION

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

POTENTIOMETRIC SURFACE MAP

SHALLOW CLAY HORIZON - 3rd QUARTER 2024

ELEMENTAL ENVIRONMENTAL SOLUTIONS

GUM SPRINGS PLANT

GUM SPRINGS ARKANSAS

FIGURE 3

DESIGNED BY:	PTG
DRAWN BY:	PTG
APPVD. BY:	DGJ
SCALE:	AS SHOWN
DATE:	9/9/2024
JOB NO.	052-002-35987017B
ACAD NO.	095
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:** 8/21/2024
Client Name: Veolia Water North America
Project Name: Veolia - RMC 2024 Groundwater Services
Location: Gum Springs, AR
Representative: Cole Clark
Technician(s): Wes Williams
Sampling Area: Landfill
Sampling Event: 3rd Quarter 2024

[x]	Clear	[ ]	Raining
[ ]	Cloudy	[ ]	Windy
[ ]	Partly Cloudy	[ ]	Foggy / Misty
65	Low Temp. (°F)	90	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:

[x]	Sample Retrieval	[ ]	Well Development
[ ]	Well Purge	[ ]	Well Installation

EQUIPMENT USED:

X	Grundfos Pump		Battery
	Peristaltic Pump		Air Compressor
X	Water Level Probe	X	Generator
X	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	Grundfos	Good
MW-12/Dup	Grundfos	Good
MW-16/MS/MSD	Grundfos	Good
MW-31	Grundfos	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

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

Project No: 35237054 **Date of Report:** 8/22/2024
Client Name: Veolia Water North America
Project Name: Veolia - RMC 2024 Groundwater Services
Location: Gum Springs, AR
Representative: Cole Clark
Technician(s): Wes Williams
Sampling Area: Landfill
Sampling Event: 3rd Quarter 2024

[x]	Clear	[ ]	Raining
[ ]	Cloudy	[ ]	Windy
[ ]	Partly Cloudy	[ ]	Foggy / Misty
63	Low Temp. (°F)	83	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:

[x]	Sample Retrieval	[ ]	Well Development
[ ]	Well Purge	[ ]	Well Installation

EQUIPMENT USED:

x	Grundfos Pump		Battery
	Peristaltic Pump		Air Compressor
x	Water Level Probe	x	Generator
x	Control Box		
x	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-26	Peristaltic	Good
MW-27	Peristaltic	Good
MW-28	Peristaltic	Good
MW-30	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.

Daily Project Groundwater Sampling Summary

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

Project No: 35237054 **Date of Report:** 8/23/2024
Client Name: Veolia Water North America
Project Name: Veolia - RMC 2024 Groundwater Services
Location: Gum Springs, AR
Representative: Cole Clark
Technician(s): Wes Williams
Sampling Area: Landfill
Sampling Event: 3rd Quarter 2024

[x]	Clear	[ ]	Raining
[ ]	Cloudy	[ ]	Windy
[ ]	Partly Cloudy	[ ]	Foggy / Misty
70	Low Temp. (°F)	81	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

FIELD TESTING PERFORMED:

[x]	Sample Retrieval	[ ]	Well Development
[ ]	Well Purge	[ ]	Well Installation

EQUIPMENT USED:

	Grundfos Pump	x	Battery
x	Peristaltic Pump		Air Compressor
	Water Level Probe		
	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-1A	Bailer	Good
MW-4	Peristaltic	Good
MW-6	Peristaltic	Good
MW-18	Peristaltic	Good
MW-24	Peristaltic	Good
MW-25	Peristaltic	Good
MW-4S	Peristaltic	Good
MW-6S	Peristaltic	Good
MW-18S	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.

Daily Project Groundwater Sampling Summary

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

Project No: 35237054 **Date of Report:** 8/26/2024
Client Name: Veolia Water North America
Project Name: Veolia - RMC 2024 Groundwater Services
Location: Gum Springs, AR
Representative: Cole Clark
Technician(s): Wes Williams
Sampling Area: Landfill
Sampling Event: 3rd Quarter 2024

[x]	Clear	[ ]	Raining
[ ]	Cloudy	[ ]	Windy
[ ]	Partly Cloudy	[ ]	Foggy / Misty
76	Low Temp. (°F)	92	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:

[x]	Sample Retrieval	[ ]	Well Development
[ ]	Well Purge	[ ]	Well Installation

EQUIPMENT USED:

x	Grundfos Pump		Battery
	Peristaltic Pump		Air Compressor
x	Water Level Probe	x	Generator
x	Control Box		
x	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-8/FB	Grundfos	Good
MW-29/MS/MSD	Peristaltic	Good
Leachate Cell 1	Grab	Good
Leachate Cell 2	Grab	Good
Leachate Cell 3-8	Grab	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.

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/22/2024
SAMPLING LOCATION:	MW-1A	WEATHER:	Cloudy 63°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	31.54	TOTAL DEPTH OF WELL (feet):	52.48
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons):		3.42	

WELL PURGING

INITIAL APPEARANCE:	Clear	INITIAL ODOR:	None
PURGING DATE:	8/22/2024	PURGING METHOD:	Bailer
TIME START PURGING:	0756	TIME END PURGING:	0815
VOLUME PURGED (gallons):	7.0	WELL PURGED DRY?	☑ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/23/2024	SAMPLE METHOD:	Bailer
TIME START SAMPLING:	0820	TIME END SAMPLING:	0830

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0804	4.0	19.2	9.63	1560	26.4
0815	7.0	18.9	7.03	2340	26.7
	Dry @ 7.0 gals.				
	8/23/2024				
0820	NA	19.6	8.47	1541	3.45

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

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/21/2024
SAMPLING LOCATION:	MW-2	WEATHER:	Clear 78°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	84.57	TOTAL DEPTH OF WELL (feet):	111.74
VOLUME OF WATER $V = r^2 h(0.163$ for 2", 0.653 for 4") (gallons):	4.43		

WELL PURGING

INITIAL APPEARANCE:	Turbid	INITIAL ODOR:	None
PURGING DATE:	8/21/2024	PURGING METHOD:	Grundfos
TIME START PURGING:	1055	TIME END PURGING:	1125
VOLUME PURGED (gallons):	30.0	WELL PURGED DRY?	☑ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE	Turbid	SAMPLE ODOR:	None
SAMPLE DATE:	8/21/2024	SAMPLE METHOD:	Grundfos
TIME START SAMPLING:	1125	TIME END SAMPLING:	1135

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1100	5.60	23.1	6.23	349	76.30
1105	10.0	22.9	6.22	349	37.60
1110	15.0	22.8	6.21	353	24.60
1115	20.0	23.0	6.19	350	22.30
1120	25.0	22.6	6.19	353	22.70
1125	30.0	22.7	6.20	352	26.70

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/23/2024
SAMPLING LOCATION: MW-4 WEATHER: Cloudy 81°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 10.15 TOTAL DEPTH OF WELL (feet): 37.83
VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): 4.51

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
PURGING DATE: 8/23/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 1053 TIME END PURGING: 1123
VOLUME PURGED (gallons): 2.25 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/23/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1123 TIME END SAMPLING: 1145

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1103	0.75	10.19	23.5	6.76	585	6.77
1113	1.50	10.19	23.4	6.70	536	4.12
1123	2.25	10.19	23.1	6.74	531	2.11

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/22/2024
SAMPLING LOCATION:	MW-4S	WEATHER:	Clear 66°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 14.74 — 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):* 0.40

WELL PURGING

INITIAL APPEARANCE:	Clear	INITIAL ODOR:	None
PURGING DATE:	8/22/2024	PURGING METHOD:	Peristaltic
TIME START PURGING:	0855	TIME END PURGING:	0909
VOLUME PURGED (gallons):	1.25	WELL PURGED DRY?	☑ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/23/2024	SAMPLE METHOD:	Peristaltic
TIME START SAMPLING:	0911	TIME END SAMPLING:	0916

FIELD MEASUREMENTS

TIME	WATER LEVEL	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0903	0.5	21.2	7.03	2900	1.8
0907	1.0	20.6	6.78	2970	1.5
0909	Dry @ 1.25 gals.				
	8/23/2024				
0911	NA	22.2	6.80	2420	4.99

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/23/2024
SAMPLING LOCATION: MW-6 WEATHER: Clear 81°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 9.05 TOTAL DEPTH OF WELL (feet): 30.35
VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): 3.47

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
PURGING DATE: 8/23/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 1131 TIME END PURGING: 1221
VOLUME PURGED (gallons): 2.5 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/23/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1221 TIME END SAMPLING: 1242

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1141	0.50	9.10	23.1	6.61	694	23.4
1151	1.00	9.10	22.3	6.62	663	31.8
1201	1.50	9.10	23.2	6.62	604	18.2
1211	2.00	9.10	22.4	6.61	606	16.5
1221	2.50	9.10	22.2	6.61	603	12.1

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/22/2024
SAMPLING LOCATION:	MW-6S	WEATHER:	Clear 63°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	12.34	TOTAL DEPTH OF WELL (feet):	14.70
VOLUME OF WATER $V = r^2 h(0.163$ for 2", 0.653 for 4") (gallons):	0.38		

WELL PURGING

INITIAL APPEARANCE:	Clear	INITIAL ODOR:	None
PURGING DATE:	8/22/2024	PURGING METHOD:	Peristaltic
TIME START PURGING:	0830	TIME END PURGING:	0839
VOLUME PURGED (gallons):	1.25	WELL PURGED DRY?	☑ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/23/2024	SAMPLE METHOD:	Peristaltic
TIME START SAMPLING:	0840	TIME END SAMPLING:	0852

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0832	0.5	21.1	6.98	1373	6.1
0836	1.0	21.0	6.78	1561	2.9
0839	Dry @ 1.25				
	8/23/2024				
0840	NA	21.8	6.58	1490	6.2

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/26/2024
SAMPLING LOCATION:	MW-8	WEATHER:	Clear 76°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: Well was inaccessible

WATER CALCULATIONS

WATER DEPTH (feet):	10.93	TOTAL DEPTH OF WELL (feet):	30.05
VOLUME OF WATER $V = r^2 h(0.163$ for 2", 0.653 for 4") (gallons):			3.12

WELL PURGING

INITIAL APPEARANCE:	Turbid	INITIAL ODOR:	None
PURGING DATE:	8/26/2024	PURGING METHOD:	Grundfos
TIME START PURGING:	0833	TIME END PURGING:	1003
VOLUME PURGED (gallons):	4.50	WELL PURGED DRY?	☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/26/2024	SAMPLE METHOD:	Grundfos
TIME START SAMPLING:	1003	TIME END SAMPLING:	1009

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0843	0.5	11.10	21.9	6.75	900	>100
0853	1.0	11.10	21.9	6.75	886	>100
0903	1.5	11.10	22.1	6.72	888	>100
0913	2.0	11.10	22.4	6.72	876	82.2
0923	2.5	11.10	22.7	6.71	860	56.2
0933	3.0	11.10	23.2	6.70	839	34.1
0943	3.5	11.10	23.7	6.70	821	27.9
0953	4.0	11.10	23.7	6.69	798	23.2
1003	4.5	11.10	24.0	6.70	794	18.7

FIELD SAMPLE PRESERVATION:	Ice	**CONTAINER HANDLING:**	Terracon Consultants, Inc.
Comments:	FB @ 0850		

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/21/2024
SAMPLING LOCATION:	MW-8S	WEATHER:	Clear 85°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: Hinge broken/Well needs to be raised

WATER CALCULATIONS

WATER DEPTH (feet):	12.78	TOTAL DEPTH OF WELL (feet):	15.40
VOLUME OF WATER $V = r^2 h(0.163$ for 2", 0.653 for 4") (gallons):			0.43

WELL PURGING

INITIAL APPEARANCE:	Clear	INITIAL ODOR:	None
PURGING DATE:	8/21/2024	PURGING METHOD:	Peristaltic
TIME START PURGING:	1410	TIME END PURGING:	1417
VOLUME PURGED (gallons):	1.25	WELL PURGED DRY?	☑ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/22/2024	SAMPLE METHOD:	Peristaltic
TIME START SAMPLING:	1425	TIME END SAMPLING:	1431

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1412	0.50	24.5	7.06	1584	2.20
1415	1.00	23.3	7.06	1618	1.21
1417	Dry @ 1.25				
	8/22/2024				
1425	NA	24.8	6.99	1525	1.88

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

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/21/2024
SAMPLING LOCATION: MW-12 WEATHER: Clear 73°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 82.76 TOTAL DEPTH OF WELL (feet): 109.50
VOLUME OF WATER *V = r² h(0.163 for 2", 0.653 for 4") (gallons):* 4.36

WELL PURGING

INITIAL APPEARANCE: Turbid INITIAL ODOR: None
PURGING DATE: 8/21/2024 PURGING METHOD: Grundfos
TIME START PURGING: 0953 TIME END PURGING: 1008
VOLUME PURGED (gallons): 15.0 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/21/2024 SAMPLE METHOD: Grundfos
TIME START SAMPLING: 1008 TIME END SAMPLING: 1024

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0958	5.0	21.9	6.52	260	7.64
1003	10.0	21.9	6.52	262	4.27
1008	15.0	21.8	6.50	261	3.24

FIELD SAMPLE PRESERVATION:	Ice	CONTAINER HANDLING:	Terracon Consultants, Inc.
Comments:	Dup @ 1012		

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/21/2024
SAMPLING LOCATION:	MW-16	WEATHER:	Clear 65°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	82.00	TOTAL DEPTH OF WELL (feet):	112.34
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons):	4.95		

WELL PURGING

INITIAL APPEARANCE:	Turbid	INITIAL ODOR:	None
PURGING DATE:	8/21/2024	PURGING METHOD:	Grundfos
TIME START PURGING:	0840	TIME END PURGING:	0905
VOLUME PURGED (gallons):	25.0	WELL PURGED DRY?	☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/21/2024	SAMPLE METHOD:	Grundfos
TIME START SAMPLING:	0905	TIME END SAMPLING:	0920

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0845	5.0	21.4	6.57	261	32.3
0850	10.0	21.4	6.60	274	17.2
0855	15.0	21.2	6.58	294	13.4
0900	20.0	21.1	6.59	294	13.30
0905	1/25/1900	21.0	6.58	292	10.06

FIELD SAMPLE PRESERVATION:	Ice	**CONTAINER HANDLING:**	Terracon Consultants, Inc.
Comments:	MS/MSD @ 0910		

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/23/2024
SAMPLING LOCATION: MW-18 WEATHER: Clear 75°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 10.34 TOTAL DEPTH OF WELL (feet): 39.88
VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): 4.82

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
PURGING DATE: 8/23/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 0952 TIME END PURGING: 1022
VOLUME PURGED (gallons): 1.5 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/23/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1022 TIME END SAMPLING: 1040

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1002	0.5	10.51	21.8	7.03	570	4.01
1012	1.0	10.51	21.5	6.94	489	3.88
1022	1.5	10.51	21.7	6.94	486	3.62
				.		

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/22/2024
SAMPLING LOCATION:	MW-18S	WEATHER:	Clear 66°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	7.46	TOTAL DEPTH OF WELL (feet):	16.85
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons):	1.53		

WELL PURGING

INITIAL APPEARANCE:	Clear	INITIAL ODOR:	None
PURGING DATE:	8/22/2024	PURGING METHOD:	Peristaltic
TIME START PURGING:	0908	TIME END PURGING:	0937
VOLUME PURGED (gallons):	3.75	WELL PURGED DRY?	☑ Yes ☐ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/23/2024	SAMPLE METHOD:	Peristaltic
TIME START SAMPLING:	0940	TIME END SAMPLING:	0948

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0917	1.50	NA	22.3	7.26	2020	2.39
0928	3.00	NA	21.1	7.06	2590	1.47
0937	Dry @ 3.75 gals.					
	8/23/2024					
0940	NA	NA	21.2	6.98	2150	3.69

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/23/2024
SAMPLING LOCATION: MW-24 WEATHER: Clear 74°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 3.88 TOTAL DEPTH OF WELL (feet): 34.74
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons): 5.03

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
PURGING DATE: 8/23/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 1002 TIME END PURGING: 1032
VOLUME PURGED (gallons): 1.50 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/23/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1032 TIME END SAMPLING: 1037

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1012	0.50	3.89	22.7	6.88	348	4.75
1022	1.00	3.89	22.7	6.87	345	4.07
1032	1.50	3.89	22.5	6.80	334	3.12

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/23/2024
SAMPLING LOCATION:	MW-25	WEATHER:	Clear 70°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	3.84	TOTAL DEPTH OF WELL (feet):	31.45
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons):	4.50		

WELL PURGING

INITIAL APPEARANCE:	Turbid	INITIAL ODOR:	None
PURGING DATE:	8/23/2024	PURGING METHOD:	Peristaltic
TIME START PURGING:	0837	TIME END PURGING:	0917
VOLUME PURGED (gallons):	2.0	WELL PURGED DRY?	☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/23/2024	SAMPLE METHOD:	Peristaltic
TIME START SAMPLING:	0917	TIME END SAMPLING:	0941

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
0847	0.5	3.88	21.5	6.43	217	36.4
0857	1.0	3.88	20.9	6.46	218	15.4
0907	1.5	3.88	20.9	6.45	227	9.47
0917	2.0	3.88	20.9	6.45	227	6.44

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

Comments: Calibrate pH 6.99 - 3.99

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/22/2024
SAMPLING LOCATION: MW-26 WEATHER: Clear 80°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 3.75 TOTAL DEPTH OF WELL (feet): 26.49
VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ (gallons): 3.71

WELL PURGING

INITIAL APPEARANCE: Turbid INITIAL ODOR: None
PURGING DATE: 8/22/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 1150 TIME END PURGING: 1220
VOLUME PURGED (gallons): 3.0 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/22/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1220 TIME END SAMPLING: 1236

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1200	1.0	3.79	23.6	6.71	225	28.4
1210	2.0	3.79	22.9	6.72	230	20.1
1220	3.0	3.79	22.8	6.70	231	9.62

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/22/2024
SAMPLING LOCATION: MW-27 WEATHER: Clear 69°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:

WATER CALCULATIONS

WATER DEPTH (feet): 3.79 TOTAL DEPTH OF WELL (feet): 34.74
VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ *(gallons):* 5.05

WELL PURGING

INITIAL APPEARANCE: Turbid INITIAL ODOR: None
PURGING DATE: 8/22/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 0950 TIME END PURGING: 1100
VOLUME PURGED (gallons): 3.50 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/22/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1100 TIME END SAMPLING: 1129

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1000	0.5	3.81	23.6	6.74	269	44.00
1010	1.0	3.81	22.4	6.74	268	61.1
1020	1.5	3.81	22.4	6.74	267	32.0
1030	2.0	3.81	23.0	6.73	263	21.8
1040	2.5	3.81	22.7	6.71	264	15.7
1050	3.0	3.81	22.9	6.72	263	11.3
1100	3.5	3.81	23.2	6.74	262	10.31

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/22/2024
SAMPLING LOCATION: MW-28 WEATHER: Clear 83°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: Needs purge drum

WATER CALCULATIONS

WATER DEPTH (feet): 2.89 TOTAL DEPTH OF WELL (feet): 48.30
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons): 7.41

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
PURGING DATE: 8/22/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 1315 TIME END PURGING: 1345
VOLUME PURGED (gallons): 3.0 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/22/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1345 TIME END SAMPLING: 1402

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	DEPTH TO WATER	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1325	1.0	3.04	23.9	6.71	218	6.77
1335	2.0	3.04	23.2	6.70	221	4.68
1345	3.0	3.04	22.7	6.69	223	3.14

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/26/2024
SAMPLING LOCATION: MW-29 WEATHER: Clear 84°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: Good

WATER CALCULATIONS

WATER DEPTH (feet): 8.09 TOTAL DEPTH OF WELL (feet): 65.25
VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ *(gallons):* 9.32

WELL PURGING

INITIAL APPEARANCE: Clear INITIAL ODOR: None
PURGING DATE: 8/26/2024 PURGING METHOD: Peristaltic
TIME START PURGING: 1040 TIME END PURGING: 1110
VOLUME PURGED (gallons): 3.0 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/26/2024 SAMPLE METHOD: Peristaltic
TIME START SAMPLING: 1110 TIME END SAMPLING: 1150

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1050	1.0	24.9	6.36	158.6	2.74
1100	2.0	23.1	6.34	157.5	2.24
1110	3.0	24.3	6.35	158.8	1.72

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/21/2024
SAMPLING LOCATION:	MW-30	WEATHER:	Clear 90°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: Good

WATER CALCULATIONS

WATER DEPTH (feet):	7.82	TOTAL DEPTH OF WELL (feet):	55.03
VOLUME OF WATER $V = r^2 h$(0.163 for 2", 0.653 for 4") (gallons):	7.70		

WELL PURGING

INITIAL APPEARANCE:	Turbid	INITIAL ODOR:	None
PURGING DATE:	8/21/2024	PURGING METHOD:	Grundfos
TIME START PURGING:	1157	TIME END PURGING:	1220
VOLUME PURGED (gallons):	23.0	WELL PURGED DRY?	☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	None
SAMPLE DATE:	8/22/2024	SAMPLE METHOD:	Disposable Bailer
TIME START SAMPLING:	1245	TIME END SAMPLING:	1255

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1205	8.0	23.5	6.59	237	69.7
1213	16.0	23.5	6.59	258	94.1
1220	Dry @ 23.0 gals.				
	8/22/2024				
1245	NA	23.6	6.78	244	18.7

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/21/2024
SAMPLING LOCATION: MW-31 WEATHER: Clear 82°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: Needs purge drum

WATER CALCULATIONS

WATER DEPTH (feet): 13.02 TOTAL DEPTH OF WELL (feet): 38.20
VOLUME OF WATER *V = r² h(0.163 for 2", 0.653 for 4") (gallons):* 4.11

WELL PURGING

INITIAL APPEARANCE: Turbid INITIAL ODOR: None
PURGING DATE: 8/21/2024 PURGING METHOD: Grundfos
TIME START PURGING: 1234 TIME END PURGING: 1304
VOLUME PURGED (gallons): 25.0 WELL PURGED DRY? ☐ Yes ☑ No

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: None
SAMPLE DATE: 8/21/2024 SAMPLE METHOD: Grundfos
TIME START SAMPLING: 1304 TIME END SAMPLING: 1311

FIELD MEASUREMENTS

TIME	VOLUME [Gallons]	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]
1239	5.0	23.5	6.32	1164	>100
1244	10.0	22.3	6.36	1146	50.0
1249	15.0	21.9	6.41	1105	28.0
1254	20.0	21.9	6.41	1077	20.10
1304	25.0	20.9	6.41	1011	9.16

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER: 35237054 DATE: 8/26/2024
SAMPLING LOCATION: Leachate - 1 WEATHER: Clear 92°F
DATUM FOR WATER DEPTH MEASUREMENT: T.O.C. WELL DIAMETER (in): N/A

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: Good

WATER CALCULATIONS

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

WELL PURGING

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

WELL SAMPLING

SAMPLE APPEARANCE Clear SAMPLE ODOR: Yes
SAMPLE DATE: 8/26/2024 SAMPLE METHOD: Grab
TIME START SAMPLING: 1230 TIME END SAMPLING: 1240

FIELD MEASUREMENTS

TIME	RATE	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]	Gallons
1230	NA	30.6	11.19	Overlimit	2.45	NA

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/26/2024
SAMPLING LOCATION:	Leachate 2	WEATHER:	Clear 92°F
DATUM FOR WATER DEPTH MEASUREMENT:	T.O.C.	WELL DIAMETER (in):	N/A

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: Good

WATER CALCULATIONS

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

WELL PURGING

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

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	Yes
SAMPLE DATE:	8/26/2024	SAMPLE METHOD:	Grab
TIME START SAMPLING:	1210	TIME END SAMPLING:	1215

FIELD MEASUREMENTS

TIME	RATE	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]	Gallons
1210	NA	28.8	10.91	Overlimit	2.30	NA

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

Comments:

GROUNDWATER MONITORING SAMPLING RECORDS

Terracon

OVERVIEW

PROJECT NUMBER:	35237054	DATE:	8/26/2024
SAMPLING LOCATION:	Leachate Cell 3-8	WEATHER:	Clear 92°F
DATUM FOR WATER DEPTH MEASUREMENT:	NA	WELL DIAMETER (in):	N/A

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: NA

WATER CALCULATIONS

WATER DEPTH (feet): NA TOTAL DEPTH OF WELL (feet): NA

VOLUME OF WATER $V = r^2 h(0.163 \text{ for } 2", 0.653 \text{ for } 4")$ *(gallons):* NA

WELL PURGING

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

WELL SAMPLING

SAMPLE APPEARANCE	Clear	SAMPLE ODOR:	Yes
SAMPLE DATE:	8/26/2024	SAMPLE METHOD:	Bailer
TIME START SAMPLING:	1250	TIME END SAMPLING:	1257

FIELD MEASUREMENTS

TIME	RATE	TEMP [°C]	pH [SU]	CONDUCTIVITY [µS/cm]	TURBIDITY [NTU]	Gallons
1250	NA	NA	10.00	Overlimit	8.17	NA

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

Comments:

Appendix B
Laboratory Analytical Results

Arkansas Analytical Inc.

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

09 September 2024

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2024

SDG Number: 2408501

Enclosed are the results of analyses for samples received by the laboratory on 21-Aug-24 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	5.0°C

Sincerely,

Norma James
Technical Director

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

CASE NARRATIVE

Sample Delivery Group – 2408501

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

ANALYTICAL QUALIFIERS:

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

CALIBRATION QUALIFIERS:

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

pH QUALIFIERS:

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

QUALITY CONTROL QUALIFIERS:

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

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-01
Sample Name: MW-2
Date/Time Collected: 8/21/24 11:25
Sample Matrix: Water

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.289**	J	8/26/24 12:24	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 18:05	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 18:05	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 18:05	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 18:05	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	118		9/3/24 18:05	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 10:07	B408490	EPA 608/SW 8082A
TCMX [surr]	%	130		8/27/24 10:07	B408490	EPA 608/SW 8082A
DCBP [surr]	%	120		8/27/24 10:07	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	61.9		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	59.5		8/27/24 17:43	B408465	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-01
Sample Name: MW-2
Date/Time Collected: 8/21/24 11:25
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-01
Sample Name: MW-2
Date/Time Collected: 8/21/24 11:25
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-01
Sample Name: MW-2
Date/Time Collected: 8/21/24 11:25
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	95.4		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	85.7		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	64.4		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	76.2		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	47.4		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	100		8/29/24 13:33	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Sample Name: MW-2
Date/Time Collected: 8/21/24 11:25
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**0.442**	J	9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.291**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**23.1**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**3.43**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.568**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.635**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	**0.497**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**3.28**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	**0.178**	J	9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.904**		9/3/24 14:01	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	**8.28**	J	9/3/24 14:01	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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ANALYTICAL RESULTS

Lab Number: 2408501-01
Sample Name: MW-2
Date/Time Collected: 8/21/24 11:25
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.236**	J	8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	106		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	73.2		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	97.4		8/28/24 13:06	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**5.87**	E2	8/22/24 14:33	B408467	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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ANALYTICAL RESULTS

Lab Number:	**2408501-01**
Sample Name:	**MW-2**
Date/Time Collected:	**8/21/24 11:25**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.7**		8/22/24 14:33	B408467	SM 2550 B-2010

09 September 2024

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ANALYTICAL RESULTS

Lab Number: **2408501-02**
Sample Name: **MW-12**
Date/Time Collected: **8/21/24 10:08**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.285**	J	8/26/24 12:45	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 18:24	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 18:24	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 18:24	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 18:24	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	123		9/3/24 18:24	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 10:32	B408490	EPA 608/SW 8082A
TCMX [surr]	%	132		8/27/24 10:32	B408490	EPA 608/SW 8082A
DCBP [surr]	%	132		8/27/24 10:32	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	59.4		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	69.1		8/27/24 18:02	B408465	SW 8081B, Rev 2, 2007

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Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-02
Sample Name: MW-12
Date/Time Collected: 8/21/24 10:08
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-02
Sample Name: MW-12
Date/Time Collected: 8/21/24 10:08
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	84.9		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	79.3		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	59.3		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	69.2		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	40.1		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	94.2		8/29/24 13:56	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-02
Sample Name: MW-12
Date/Time Collected: 8/21/24 10:08
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.080**	J	9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**12.3**		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**1.35**		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.249**	J	9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.214**	J	9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**1.40**	J	9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.101**	J	9/3/24 14:05	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	**6.45**	J	9/3/24 14:05	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: **2408501-02**
Sample Name: **MW-12**
Date/Time Collected: **8/21/24 10:08**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.276**	J	8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	103		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		8/28/24 13:30	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.09**	E2	8/22/24 14:33	B408467	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**23.1**		8/22/24 14:33	B408467	SM 2550 B-2010

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: **2408501-03**
Sample Name: **MW-16**
Date/Time Collected: **8/21/24 9:05**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.277**	J	8/26/24 13:07	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 18:42	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 18:42	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 18:42	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 18:42	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	110		9/3/24 18:42	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 10:58	B408490	EPA 608/SW 8082A
TCMX [surr]	%	115		8/27/24 10:58	B408490	EPA 608/SW 8082A
DCBP [surr]	%	136		8/27/24 10:58	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010	E20	8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	38.1		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	58.6		8/27/24 18:20	B408465	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-03
Sample Name: MW-16
Date/Time Collected: 8/21/24 9:05
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E20, E5	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-03
Sample Name: MW-16
Date/Time Collected: 8/21/24 9:05
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E20, E21, E2-F, E5	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2408501-03
Sample Name: MW-16
Date/Time Collected: 8/21/24 9:05
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E20, E5	8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	91.7		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	82.5		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	61.2		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	71.1		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	44.5		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	98.4		8/29/24 14:19	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: **2408501-03**
Sample Name: **MW-16**
Date/Time Collected: **8/21/24 9:05**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.163**	J	9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**14.8**		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**2.32**		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.350**		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.454**	J	9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	**0.263**	J	9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**2.82**		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.150**	J	9/3/24 14:08	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	**11.0**	J	9/3/24 14:08	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX
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Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-03
Sample Name: MW-16
Date/Time Collected: 8/21/24 9:05
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.636**	J	8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	115		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/28/24 13:55	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.19**	E2	8/22/24 14:33	B408467	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number:	**2408501-03**
Sample Name:	**MW-16**
Date/Time Collected:	**8/21/24 9:05**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.1**		8/22/24 14:33	B408467	SM 2550 B-2010

09 September 2024

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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: **2408501-04**
Sample Name: **MW-31**
Date/Time Collected: **8/21/24 13:04**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.416**	J	8/26/24 13:28	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 19:01	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 19:01	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 19:01	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 19:01	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	104		9/3/24 19:01	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 11:23	B408490	EPA 608/SW 8082A
TCMX [surr]	%	135		8/27/24 11:23	B408490	EPA 608/SW 8082A
DCBP [surr]	%	124		8/27/24 11:23	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	48.6		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	68.5		8/27/24 18:38	B408465	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-04
Sample Name: MW-31
Date/Time Collected: 8/21/24 13:04
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-04
Sample Name: MW-31
Date/Time Collected: 8/21/24 13:04
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-04
Sample Name: MW-31
Date/Time Collected: 8/21/24 13:04
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	81.9		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	83.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	62.5		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	71.9		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	45.9		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	96.0		8/29/24 14:42	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: **2408501-04**
Sample Name: **MW-31**
Date/Time Collected: **8/21/24 13:04**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.503**		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**36.9**		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	**0.056**	J	9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**1.47**		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.570**		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.280**	J	9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	**0.121**	J	9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**2.57**		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.178**	J	9/3/24 14:16	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	**8.93**	J	9/3/24 14:16	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**5.98**		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-04
Sample Name: MW-31
Date/Time Collected: 8/21/24 13:04
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.274**	J	8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	124		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/28/24 14:19	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.21**	E2	8/22/24 14:33	B408467	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number:	**2408501-04**
Sample Name:	**MW-31**
Date/Time Collected:	**8/21/24 13:04**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.5**		8/22/24 14:33	B408467	SM 2550 B-2010

09 September 2024

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ANALYTICAL RESULTS

Lab Number: **2408501-05**
Sample Name: **DUP**
Date/Time Collected: **8/21/24 10:12**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.274**	J	8/26/24 13:49	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 19:19	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 19:19	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 19:19	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 19:19	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	105		9/3/24 19:19	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 11:48	B408490	EPA 608/SW 8082A
TCMX [surr]	%	133		8/27/24 11:48	B408490	EPA 608/SW 8082A
DCBP [surr]	%	126		8/27/24 11:48	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	36.8		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	58.3		8/27/24 18:57	B408465	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-05
Sample Name: DUP
Date/Time Collected: 8/21/24 10:12
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-05
Sample Name: DUP
Date/Time Collected: 8/21/24 10:12
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-05
Sample Name: DUP
Date/Time Collected: 8/21/24 10:12
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	97.3		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	89.0		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	66.2		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	77.2		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	44.4		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	102		8/29/24 15:05	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: **2408501-05**
Sample Name: **DUP**
Date/Time Collected: **8/21/24 10:12**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.062**	J	9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**12.1**		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**1.50**		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.282**		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.249**	J	9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**1.67**		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.104**	J	9/3/24 14:19	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	**7.98**	J	9/3/24 14:19	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**1.92**	J	8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number: 2408501-05
Sample Name: DUP
Date/Time Collected: 8/21/24 10:12
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	103		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	121		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 14:44	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.36**	E2	8/22/24 14:33	B408467	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 21-Aug-24 15:08

ANALYTICAL RESULTS

Lab Number:	**2408501-05**
Sample Name:	**DUP**
Date/Time Collected:	**8/21/24 10:12**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.4**		8/22/24 14:33	B408467	SM 2550 B-2010

09 September 2024

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QUALITY CONTROL RESULTS

Pesticides -- Batch: B408465 (Water)
Prepared: 23-Aug-24 12:31 By: CT -- Analyzed: 27-Aug-24 16:48 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4´-DDD	<0.009 ug/L	58.0% / NA	71.1% / 72.0%		1.20%	
4,4´-DDE	<0.004 ug/L	58.6% / NA	67.9% / 66.4%		2.28%	
4,4´-DDT	<0.004 ug/L	51.1% / NA	63.0% / 62.9%		0.0889%	
Aldrin	<0.003 ug/L	53.8% / NA	65.8% / 61.9%		6.12%	
alpha-BHC	<0.003 ug/L	56.5% / NA	67.3% / 64.9%		3.62%	
beta-BHC	<0.005 ug/L	51.2% / NA	64.5% / 63.9%		1.07%	
delta-BHC	<0.002 ug/L	63.0% / NA	69.0% / 67.6%		2.12%	
Dieldrin	<0.004 ug/L	55.4% / NA	64.8% / 64.4%		0.619%	
Endosulfan I	<0.003 ug/L	63.0% / NA	MBI / MBI		1.14%	MBI
Endosulfan II	<0.005 ug/L	54.3% / NA	66.9% / 66.3%		0.970%	
Endosulfan sulfate	<0.004 ug/L	57.5% / NA	65.9% / 66.9%		1.58%	
Endrin	<0.006 ug/L	58.5% / NA	70.9% / 70.0%		1.21%	
Endrin aldehyde	<0.021 ug/L	65.8% / NA	84.3% / 86.0%		1.98%	J
gamma-BHC (Lindane)	<0.002 ug/L	59.9% / NA	69.9% / 68.8%		1.56%	
Heptachlor	<0.003 ug/L	40.4% / NA	50.2% / 47.6%		5.36%	
Heptachlor epoxide	<0.002 ug/L	52.9% / NA	62.9% / 61.4%		2.53%	
Methoxychlor	<0.020 ug/L	51.8% / NA	65.4% / 64.8%		0.882%	
DCBP [surr]	60.5 %	42.3% / NA	48.1% / 52.0%		NA	
TCMX [surr]	46.7 %	30.9% / NA	45.1% / 43.4%		NA	

Wet Chemistry -- Batch: B408467 (Water)
Prepared: 22-Aug-24 07:34 By: CGF -- Analyzed: 22-Aug-24 07:34 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	99.7% / 99.4%	NA / NA		0.287%	

Wet Chemistry -- Batch: B408481 (Water)
Prepared: 26-Aug-24 08:21 By: jb -- Analyzed: 26-Aug-24 08:21 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.0203 mg/L	96.0% / 98.5%	91.5% / NA		2.57%	

Anions -- Batch: B408488 (Water)
Prepared: 26-Aug-24 09:24 By: MB -- Analyzed: 26-Aug-24 22:04 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	91.4% / NA	101% / 100%		0.598%	

09 September 2024

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QUALITY CONTROL RESULTS

PCBs -- Batch: B408490 (Water)
Prepared: 26-Aug-24 10:14 By: TB -- Analyzed: 27-Aug-24 09:16 By: mb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	126% / NA	117% / 123%		4.89%	
Aroclor-1260	<0.0396 ug/L	107% / NA	92.0% / 102%		9.59%	
DCBP [surr]	106 %	122% / NA	98.0% / 110%		NA	
TCMX [surr]	113 %	116% / NA	109% / 110%		NA	

Herbicides -- Batch: B408503 (Water)
Prepared: 26-Aug-24 14:30 By: TB -- Analyzed: 03-Sep-24 17:47 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	107% / NA	109% / 109%		0.562%	
2,4-D	<0.964 ug/L	88.1% / NA	87.1% / 93.3%		6.82%	
DCAA [surr]	109 %	114% / NA	113% / 107%		NA	

Wet Chemistry -- Batch: B408504 (Water)
Prepared: 26-Aug-24 14:44 By: jb -- Analyzed: 26-Aug-24 14:44 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.003 mg/L	105% / 100%	103% / NA		4.88%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	60.7% / NA	71.7% / 68.1%		5.21%	
1,2,4-Trichlorobenzene	<1.69 ug/L	59.8% / NA	66.2% / 65.0%		1.90%	
1,4-Naphthoquinone	<3.00 ug/L	92.9% / NA	103% / 101%		1.84%	
1-Naphthylamine	<0.360 ug/L	73.9% / NA	76.7% / 76.0%		0.887%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	98.7% / NA	101% / 105%		4.64%	
2,4,5-Trichlorophenol	<1.91 ug/L	86.5% / NA	94.4% / 92.3%		2.17%	
2,4,6-Trichlorophenol	<1.06 ug/L	81.2% / NA	85.8% / 85.2%		0.767%	
2,4-Dichlorophenol	<0.449 ug/L	81.4% / NA	88.6% / 88.1%		0.583%	
2,4-Dimethylphenol	<1.12 ug/L	74.1% / NA	78.8% / 77.2%		2.10%	
2,4-Dinitrophenol	<2.25 ug/L	83.6% / NA	93.4% / 94.1%		0.764%	
2,4-Dinitrotoluene	<0.656 ug/L	80.5% / NA	89.3% / 85.7%		4.06%	
2,6-Dichlorophenol	<0.354 ug/L	85.1% / NA	93.4% / 92.3%		1.28%	
2,6-Dinitrotoluene	<0.656 ug/L	83.8% / NA	89.4% / 89.5%		0.104%	
2-Acetylaminofluorene	<0.275 ug/L	98.0% / NA	102% / 105%		2.93%	
2-Chloronaphthalene	<1.97 ug/L	79.3% / NA	85.0% / 85.4%		0.455%	
2-Chlorophenol	<1.11 ug/L	70.4% / NA	74.7% / 75.3%		0.779%	
2-Methylnaphthalene	<1.54 ug/L	71.0% / NA	77.9% / 76.2%		2.22%	
2-Methylphenol	<0.462 ug/L	71.7% / NA	75.8% / 76.1%		0.399%	
2-Naphthylamine	<0.190 ug/L	71.8% / NA	78.0% / 77.5%		0.571%	
2-Nitrophenol	<1.12 ug/L	70.7% / NA	76.6% / 76.1%		0.730%	
2-Picoline	<0.0973 ug/L	45.7% / NA	62.5% / 60.1%		3.91%	
3 & 4-Methylphenol	<0.501 ug/L	76.1% / NA	79.5% / 79.5%		0.00836%	
3,3-Dichlorobenzidine	<1.30 ug/L	107% / NA	111% / 116%		3.61%	
3,3'-Dimethylbenzidine	<0.538 ug/L	63.1% / NA	64.0% / 68.7%		7.03%	
3-Methylcholanthrene	<0.330 ug/L	90.5% / NA	95.9% / 94.4%		1.60%	
4,6-Dinitro-o-cresol	<2.96 ug/L	92.0% / NA	101% / 97.9%		2.90%	
4-Aminobiphenyl	<0.199 ug/L	78.5% / NA	82.5% / 81.7%		0.986%	
4-Bromophenyl-phenylether	<1.47 ug/L	93.4% / NA	99.3% / 95.1%		4.34%	
4-Chloro-3-methylphenol	<1.75 ug/L	75.9% / NA	75.6% / 82.6%		8.84%	
4-Chloroaniline	<0.609 ug/L	71.1% / NA	78.1% / 76.8%		1.69%	
4-Chlorophenyl-phenylether	<1.68 ug/L	87.0% / NA	90.7% / 89.0%		1.84%	
4-Nitroaniline	<0.953 ug/L	88.8% / NA	95.1% / 92.4%		2.86%	
4-Nitrophenol	<2.22 ug/L	53.9% / NA	57.1% / 56.1%		1.81%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	85.6% / NA	93.6% / 96.1%		2.70%	
5-Nitro-o-toluidine	<1.00 ug/L	93.0% / NA	99.7% / 99.0%		0.747%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	96.8% / NA	101% / 102%		0.787%	
Acenaphthene	<1.88 ug/L	78.3% / NA	85.0% / 84.3%		0.915%	
Acenaphthylene	<1.53 ug/L	84.8% / NA	92.2% / 90.3%		2.08%	
Acetophenone	<0.323 ug/L	70.7% / NA	76.4% / 73.5%		3.95%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec / NA	No Rec / No Rec		NA	NREC
Aniline	<1.48 ug/L	49.9% / NA	55.8% / 54.9%		1.62%	
Anthracene	<0.566 ug/L	74.5% / NA	78.3% / 77.9%		0.422%	
Aramite	<20.0 ug/L	72.0% / NA	76.5% / 73.6%		3.87%	J
Benzo (a) anthracene	<0.475 ug/L	85.8% / NA	88.9% / 91.1%		2.38%	
Benzo[a]pyrene	<0.566 ug/L	74.8% / NA	76.7% / 77.3%		0.795%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Benzo[b]fluoranthene	<0.482 ug/L	95.0% / NA	97.9% / 98.0%		0.0217%	
Benzo[g,h,i]perylene	<0.529 ug/L	88.7% / NA	89.5% / 91.9%		2.64%	
Benzo[k]fluoranthene	<0.516 ug/L	84.3% / NA	87.9% / 90.0%		2.31%	
Benzyl alcohol	<0.992 ug/L	68.7% / NA	72.8% / 73.3%		0.716%	
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	71.1% / NA	76.8% / 75.2%		2.06%	
Bis(2-chloroethoxy)methane	<1.04 ug/L	76.5% / NA	82.8% / 82.5%		0.406%	
Bis(2-chloroethyl)ether	<1.46 ug/L	73.0% / NA	79.1% / 79.0%		0.203%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	85.3% / NA	87.4% / 89.6%		2.45%	
Butylbenzylphthalate	<1.18 ug/L	83.5% / NA	87.7% / 88.8%		1.31%	
Chlorobenzilate	<0.321 ug/L	88.0% / NA	92.6% / 91.0%		1.77%	
Chrysene	<0.489 ug/L	90.5% / NA	92.4% / 93.9%		1.52%	
Diallate	<0.713 ug/L	81.5% / NA	88.3% / 86.3%		2.26%	
Dibenz[a,h]anthracene	<0.843 ug/L	88.9% / NA	91.0% / 91.8%		0.932%	
Dibenzofuran	<1.36 ug/L	80.1% / NA	86.3% / 85.6%		0.861%	
Diethylphthalate	<0.668 ug/L	82.0% / NA	87.6% / 86.8%		0.934%	
Dimethoate	<1.00 ug/L	NA / NA	NA / NA		NA	E-01, NS
Dimethylphthalate	<0.516 ug/L	86.4% / NA	92.8% / 92.1%		0.787%	
Di-n-butylphthalate	<1.33 ug/L	87.4% / NA	90.6% / 90.4%		0.281%	
Di-n-octylphthalate	<1.43 ug/L	87.4% / NA	91.0% / 92.0%		1.03%	
Disulfoton	<0.300 ug/L	NA / NA	NA / NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	69.6% / NA	74.2% / 72.1%		2.79%	
Famphur	<2.00 ug/L	NA / NA	NA / NA		NA	NS
Fluoranthene	<0.575 ug/L	83.5% / NA	89.3% / 89.8%		0.585%	
Fluorene	<1.43 ug/L	83.1% / NA	89.5% / 88.6%		0.998%	
Hexachlorobenzene	<1.27 ug/L	99.4% / NA	106% / 106%		0.0815%	E-01
Hexachlorobutadiene	<2.52 ug/L	45.4% / NA	51.4% / 48.3%		6.20%	
Hexachlorocyclopentadiene	<2.71 ug/L	38.2% / NA	41.5% / 40.1%		3.48%	
Hexachloroethane	<0.958 ug/L	42.2% / NA	48.8% / 49.1%		0.423%	
Hexachlorophene	<0.167 ug/L	NA / NA	NA / NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	35.3% / NA	42.7% / 38.6%		10.3%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	94.3% / NA	98.7% / 101%		2.45%	
Isodrin	<0.284 ug/L	84.3% / NA	88.7% / 88.5%		0.221%	
Isophorone	<2.23 ug/L	65.6% / NA	70.2% / 70.5%		0.386%	
Isosafrole	<0.216 ug/L	72.6% / NA	78.1% / 76.1%		2.51%	
Kepone	<0.420 ug/L	13.8% / NA	4.94% / 2.02%		83.9%	%D1, %D2, D, E21, E2-F, J
m-Dinitrobenzene	<0.359 ug/L	67.4% / NA	74.1% / 75.1%		1.31%	
Methapyrilene	<3.00 ug/L	NA / NA	NA / NA		NA	E-01, E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	57.5% / NA	60.9% / 57.8%		5.11%	E2-F
Methyl parathion	<0.230 ug/L	NA / NA	NA / NA		NA	NS
m-Nitroaniline	<0.308 ug/L	84.7% / NA	95.8% / 94.6%		1.31%	
Nitrobenzene	<1.42 ug/L	66.1% / NA	71.6% / 69.9%		2.43%	
N-Nitrosodiethylamine	<0.497 ug/L	69.5% / NA	75.4% / 73.9%		1.91%	
N-Nitrosodimethylamine	<0.372 ug/L	48.2% / NA	52.1% / 52.2%		0.189%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	82.9% / NA	87.7% / 87.8%		0.163%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	78.1% / NA	81.6% / 80.8%		0.973%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	86.3% / NA	90.5% / 89.5%		1.07%	
N-Nitrosomethylethylamine	<0.244 ug/L	96.7% / NA	102% / 98.7%		3.24%	

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
N-Nitrosomorpholine	<1.00 ug/L	93.6%	/	NA	96.7%	/	95.0%		1.77%	
N-Nitrosopiperidine	<0.298 ug/L	105%	/	NA	110%	/	109%		1.04%	E-01
N-Nitrosopyrrolidine	<1.00 ug/L	70.2%	/	NA	74.9%	/	73.8%		1.49%	
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	84.9%	/	NA	93.0%	/	92.3%		0.714%	
o-Toluidine	<0.196 ug/L	67.7%	/	NA	72.2%	/	70.4%		2.54%	
Parathion	<0.224 ug/L	NA	/	NA	NA	/	NA		NA	E-01, NS
p-Dimethylaminoazobenzene	<0.259 ug/L	90.5%	/	NA	93.3%	/	93.4%		0.130%	
Pentachlorobenzene	<0.133 ug/L	84.0%	/	NA	93.0%	/	93.1%		0.0999%	
Pentachloroethane	<5.68 ug/L	37.6%	/	NA	44.4%	/	42.4%		4.81%	J
Pentachloronitrobenzene	<0.258 ug/L	89.5%	/	NA	95.3%	/	90.5%		5.15%	
Pentachlorophenol	<1.28 ug/L	92.6%	/	NA	98.1%	/	95.6%		2.60%	
Phenacetin	<0.200 ug/L	95.3%	/	NA	103%	/	103%		0.126%	
Phenanthrene	<0.572 ug/L	88.4%	/	NA	91.8%	/	90.9%		0.886%	
Phenol	<0.348 ug/L	44.8%	/	NA	47.8%	/	47.8%		0.108%	
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	92.4%	/	NA	95.1%	/	96.0%		0.986%	
Pyrene	<0.489 ug/L	88.0%	/	NA	92.8%	/	93.6%		0.806%	
Pyridine	<1.39 ug/L	34.6%	/	NA	42.1%	/	42.0%		0.376%	
Safrole	<0.484 ug/L	65.4%	/	NA	71.7%	/	69.8%		2.72%	
Sulfotep	<0.344 ug/L	NA	/	NA	NA	/	NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	78.0%	/	NA	84.3%	/	83.9%		0.535%	
2,4,6-Tribromophenol [surr]	95.7 %	96.7%	/	NA	104%	/	104%		NA	
2-Fluorobiphenyl [surr]	85.9 %	77.1%	/	NA	82.2%	/	82.0%		NA	
2-Fluorophenol [surr]	69.4 %	57.8%	/	NA	59.5%	/	59.9%		NA	
Nitrobenzene-d5 [surr]	79.3 %	62.9%	/	NA	66.2%	/	66.9%		NA	
Phenol-d5 [surr]	50.1 %	44.1%	/	NA	46.1%	/	47.5%		NA	
Terphenyl-d14 [surr]	107 %	88.0%	/	NA	92.0%	/	94.7%		NA	

Total Metals -- Batch: B408517 (Water)

Prepared: 27-Aug-24 10:59 By: JY -- Analyzed: 27-Aug-24 10:59 By: JY

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	102%	/	NA	104%	/	105%		1.10%	

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

QUALITY CONTROL RESULTS

Total Metals -- Batch: B408537 (Water)

Prepared: 27-Aug-24 16:00 By: ST -- Analyzed: 03-Sep-24 13:54 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	101% / NA	96.4% / 93.8%		2.76%	
Arsenic	<0.052 ug/L	102% / NA	106% / 105%		1.33%	
Barium	<0.078 ug/L	97.2% / NA	95.0% / 93.6%		1.02%	
Beryllium	<0.074 ug/L	99.6% / NA	101% / 100%		0.505%	
Cadmium	<0.038 ug/L	102% / NA	101% / 99.7%		1.33%	
Chromium	<0.0751 ug/L	96.5% / NA	91.9% / 90.6%		1.35%	
Cobalt	<0.035 ug/L	105% / NA	106% / 105%		1.04%	
Copper	<0.149 ug/L	104% / NA	101% / 99.9%		1.00%	
Lead	<0.115 ug/L	102% / NA	102% / 101%		1.01%	
Nickel	<0.42 ug/L	99.0% / NA	94.8% / 94.1%		0.660%	
Selenium	<1.50 ug/L	101% / NA	103% / 105%		1.69%	
Silver	<0.099 ug/L	104% / NA	101% / 101%		0.294%	
Thallium	<0.035 ug/L	104% / NA	104% / 103%		0.563%	
Tin	<1.62 ug/L	103% / NA	92.5% / 90.7%		2.01%	
Vanadium	<0.042 ug/L	97.5% / NA	94.2% / 93.2%		1.02%	
Zinc	<4.89 ug/L	104% / NA	106% / 106%		0.683%	

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
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QUALITY CONTROL RESULTS

Volatiles -- Batch: B408544 (Water)

Prepared: 28-Aug-24 09:08 By: jb -- Analyzed: 28-Aug-24 22:05 By: jb

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	103%	/	NA	109%	/	105%		3.30%	
1,1,1-Trichloroethane	<0.261 ug/L	102%	/	NA	120%	/	119%		1.11%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	104%	/	NA	118%	/	107%		9.50%	
1,1,2-Trichloroethane	<0.210 ug/L	99.2%	/	NA	113%	/	106%		7.16%	
1,1-Dichloroethane	<0.248 ug/L	105%	/	NA	123%	/	119%		3.68%	
1,1-Dichloroethene	<0.303 ug/L	104%	/	NA	122%	/	121%		0.449%	
1,2,3-Trichloropropane	<0.471 ug/L	97.7%	/	NA	111%	/	102%		8.95%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	91.2%	/	NA	95.4%	/	88.8%		7.21%	
1,2-Dibromoethane	<0.250 ug/L	104%	/	NA	114%	/	104%		9.65%	
1,2-Dichlorobenzene	<0.173 ug/L	104%	/	NA	113%	/	108%		4.58%	
1,2-Dichloroethane	<0.235 ug/L	99.4%	/	NA	115%	/	110%		3.76%	
1,2-Dichloropropane	<0.259 ug/L	104%	/	NA	119%	/	112%		5.31%	
1,3-Dichlorobenzene	<0.220 ug/L	106%	/	NA	113%	/	110%		2.68%	
1,4-Dichlorobenzene	<0.158 ug/L	104%	/	NA	112%	/	109%		2.11%	
2-Butanone	<0.461 ug/L	92.9%	/	NA	110%	/	98.1%		11.2%	
2-Hexanone	<0.372 ug/L	91.2%	/	NA	104%	/	95.0%		9.20%	
4-Methyl-2-pentanone	<0.281 ug/L	92.4%	/	NA	106%	/	95.5%		10.4%	
Acetone	<1.49 ug/L	103%	/	NA	134%	/	115%		15.5%	
Acetonitrile	<12.4 ug/L	66.0%	/	NA	118%	/	125%		5.80%	
Acrolein	<1.00 ug/L	76.5%	/	NA	85.3%	/	74.0%		14.2%	E21
Acrylonitrile	<0.389 ug/L	105%	/	NA	121%	/	110%		9.47%	
Allyl chloride	<0.539 ug/L	97.6%	/	NA	111%	/	99.4%		10.8%	
Benzene	<0.263 ug/L	110%	/	NA	126%	/	121%		4.26%	
Bromodichloromethane	<0.195 ug/L	104%	/	NA	112%	/	108%		2.97%	
Bromoform	<0.278 ug/L	102%	/	NA	103%	/	96.0%		7.29%	
Bromomethane	<0.530 ug/L	102%	/	NA	112%	/	124%		9.49%	
Carbon disulfide	<0.300 ug/L	97.8%	/	NA	118%	/	114%		3.91%	
Carbon Tetrachloride	<0.484 ug/L	111%	/	NA	120%	/	116%		2.81%	
Chlorobenzene	<0.181 ug/L	107%	/	NA	114%	/	111%		2.21%	
Chloroethane	<0.392 ug/L	98.0%	/	NA	120%	/	117%		2.25%	
Chloroform	<0.244 ug/L	104%	/	NA	120%	/	113%		5.91%	
Chloromethane	<0.155 ug/L	97.9%	/	NA	112%	/	111%		1.11%	
Chloroprene	<1.00 ug/L	124%	/	NA	121%	/	119%		1.61%	
cis-1,3-Dichloropropene	<0.123 ug/L	108%	/	NA	108%	/	105%		2.68%	
Dibromochloromethane	<0.202 ug/L	101%	/	NA	110%	/	102%		7.68%	
Dibromomethane	<0.174 ug/L	98.5%	/	NA	113%	/	106%		6.11%	
Dichlorodifluoromethane	<0.266 ug/L	86.9%	/	NA	109%	/	107%		2.52%	
Ethyl Methacrylate	<0.843 ug/L	81.3%	/	NA	110%	/	110%		0.560%	
Ethylbenzene	<0.274 ug/L	104%	/	NA	115%	/	113%		1.59%	
Iodomethane	<0.432 ug/L	87.4%	/	NA	118%	/	121%		2.52%	
Isobutyl alcohol	<1.68 ug/L	76.1%	/	NA	132%	/	123%		7.12%	
m,p-Xylene	<0.500 ug/L	104%	/	NA	112%	/	111%		0.974%	
Methacrylonitrile	<3.29 ug/L	69.8%	/	NA	122%	/	123%		1.03%	
Methyl Methacrylate	<0.806 ug/L	78.6%	/	NA	120%	/	122%		1.02%	
Methylene Chloride	<0.212 ug/L	105%	/	NA	122%	/	116%		5.64%	
Naphthalene	<0.114 ug/L	97.8%	/	NA	104%	/	97.9%		5.85%	
o-Xylene	<0.206 ug/L	105%	/	NA	112%	/	111%		0.725%	
Propionitrile	<2.28 ug/L	69.0%	/	NA	123%	/	123%		0.236%	

09 September 2024

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

Project Number: August 2024
Date Received: 21-Aug-24 15:08

QUALITY CONTROL RESULTS

Volatiles -- Batch: B408544 (Water)

Prepared: 28-Aug-24 09:08 By: jb -- Analyzed: 28-Aug-24 22:05 By: jb

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	105%	/	NA	112%	/	108%		3.50%	
Tetrachloroethene	<0.268 ug/L	99.8%	/	NA	114%	/	112%		1.41%	
Toluene	<0.295 ug/L	103%	/	NA	115%	/	111%		2.90%	
trans-1,2-Dichloroethene	<0.320 ug/L	102%	/	NA	120%	/	115%		4.34%	
trans-1,3-Dichloropropene	<0.155 ug/L	103%	/	NA	102%	/	98.3%		4.13%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	92.1%	/	NA	85.7%	/	87.4%		1.96%	
Trichloroethene	<0.306 ug/L	99.9%	/	NA	109%	/	108%		0.408%	
Trichlorofluoromethane	<0.423 ug/L	98.6%	/	NA	119%	/	121%		2.34%	
Vinyl acetate	<0.880 ug/L	118%	/	NA	103%	/	93.6%		9.38%	
Vinyl chloride	<0.369 ug/L	97.7%	/	NA	124%	/	125%		0.741%	
1,2-Dichloroethane-d4 [surr]	108 %	100%	/	NA	110%	/	107%		NA	
4-Bromofluorobenzene [surr]	103 %	102%	/	NA	101%	/	100%		NA	
Toluene-d8 [surr]	99.5 %	98.3%	/	NA	100%	/	99.4%		NA	

QUALIFIER(S)

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

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

Reviewed by: Norma James

Norma James
Technical Director

Arkansas Analytical Inc.
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
Veolia Gum Springs Facility	Quarterly Groundwater Samples	1 Day (100%)
500 East Reynolds Rd.	Appendix IX	2 Day (50%)
Arkadelphia, AR 71923	Reporting Information	3 Day (25%)
	Telephone: 870-245-2720	5 Day (Routine)
Attn: Cole Clark	Fax: 870-246-7344	Preservative Code:
	Email: SEE BELOW	Bottle Type:

Preservation Codes:
1. Cool, 6 Degrees Centigrade
2. Sulfuric Acid (H_2SO_4), pH < 2
3. Nitric Acid (HNO_3), pH < 2
4. Thiosulfate for Dechlorination
5. Hydrochloric Acid(HCl)
6. Sodium Hydroxide (NaOH), pH > 12

Sampler(s) Signature: [signature]
Sampler(s) Printed: Fernando Ocampo

Field Number	SAMPLE COLLECTION Date/s	Time/s	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, 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)**	Arkansas Analytical Work Order Number: 24085O1
							TEST PARAMETERS	1	1,6, Zn Acetate	1,6	1,5	1,3	1	1	1	1	Bottle Type Code
								P	P	P	GV	P	GA	GA	GA	GA	G = Glass; P = Plastic; V = Septum; A = Amber
MW-2	8/21/24	11:25	X		12	Water	MW2	X	X	X	X	X	X	X	X	X	01
MW-12	8/21/24	10:08	X		12	Water	MW-12	X	X	X	X	X	X	X	X	X	02
MW-16*	8/21/24	9:05	X		~~12~~ 16*	Water	MS/MSD MW-16	X	X	X	X	X	X	X	X	X	03
MW-31	8/21/24	13:04	X		12	Water	MW31	X	X	X	X	X	X	X	X	X	04
DUP	8/21/24	10:12	X		12	Water	DUP.	X	X	X	X	X	X	X	X	X	05
			X		12	Water		X	X	X	X	X	X	X	X	X	06
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	

1. Relinquished by: (Signature)	Date/Time	2. Received by: (Signature)
[signature]	8/21/24	
3. Relinquished by: (Signature)	Date/Time	4. Received by lab: (Signature)
	8/21/24 1500	Amanda Johnson

SAMPLE CONDITION UPON RECEIPT IN LAB

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:	5 °C	
6. TEMPERATURE GUN ID:	HHT# 5	

FOR COMPLETION BY LAB ONLY

REMARKS / SAMPLE COMMENTS

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

* changed bottles to reflect the MS/MSD added to sample #3 JW 8/22/24

Revision 3
1/4/16

Arkansas Analytical Inc.

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

09 September 2024

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2024

SDG Number: 2408533

Enclosed are the results of analyses for samples received by the laboratory on 22-Aug-24 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	2.0°C

Sincerely,

Norma James
Technical Director

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

CASE NARRATIVE

Sample Delivery Group – 2408533

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

ANALYTICAL QUALIFIERS:

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

CALIBRATION QUALIFIERS:

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

pH QUALIFIERS:

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

QUALITY CONTROL QUALIFIERS:

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

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-01**
Sample Name: **MW-8S**
Date/Time Collected: **8/22/24 14:25**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.589**		8/26/24 14:11	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 20:14	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 20:14	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 20:14	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 20:14	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	112		9/3/24 20:14	B408503	SW 8151A, Rev 1 1996

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.138**	J	9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**19.0**		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.494**		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.074**	J	9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.236**	J	9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.76**	J	9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	**4.78**	J	9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.209**	J	9/3/24 14:23	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 14:23	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-01**
Sample Name: **MW-8S**
Date/Time Collected: **8/22/24 14:25**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**2.47**	J	8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.265**	J	8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number:	**2408533-01**
Sample Name:	**MW-8S**
Date/Time Collected:	**8/22/24 14:25**
Sample Matrix:	**Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Vinyl chloride	ug/L	< 2.00		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	103		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	129		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 15:09	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
pH	S.U.	**6.92**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Temp of pH	°C	**25.0**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-02**
Sample Name: **MW-26**
Date/Time Collected: **8/22/24 12:20**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.233**	J	8/26/24 14:32	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 20:33	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 20:33	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 20:33	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 20:33	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	105		9/3/24 20:33	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 13:00	B408490	EPA 608/SW 8082A
TCMX [surr]	%	132		8/27/24 13:00	B408490	EPA 608/SW 8082A
DCBP [surr]	%	133		8/27/24 13:00	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	24.2		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	51.0		8/27/24 19:15	B408465	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-02
Sample Name: MW-26
Date/Time Collected: 8/22/24 12:20
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-02
Sample Name: MW-26
Date/Time Collected: 8/22/24 12:20
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-02**
Sample Name: **MW-26**
Date/Time Collected: **8/22/24 12:20**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	81.8		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	73.0		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	52.2		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	63.6		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	35.5		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	100		8/29/24 15:28	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-02
Sample Name: MW-26
Date/Time Collected: 8/22/24 12:20
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**0.476**	J	9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.882**		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**11.5**		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.280**		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.259**	J	9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.179**	J	9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.85**	J	9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:09	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**1.85**	J	8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-02
Sample Name: MW-26
Date/Time Collected: 8/22/24 12:20
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	103		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	127		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/28/24 15:33	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.79**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**24.7**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-03**
Sample Name: **MW-27**
Date/Time Collected: **8/22/24 11:00**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.200**	J	8/26/24 14:54	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 20:51	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 20:51	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 20:51	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 20:51	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	104		9/3/24 20:51	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 13:25	B408490	EPA 608/SW 8082A
TCMX [surr]	%	124		8/27/24 13:25	B408490	EPA 608/SW 8082A
DCBP [surr]	%	126		8/27/24 13:25	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	37.7		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	59.0		8/27/24 19:34	B408465	SW 8081B, Rev 2, 2007

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-03
Sample Name: MW-27
Date/Time Collected: 8/22/24 11:00
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-03
Sample Name: MW-27
Date/Time Collected: 8/22/24 11:00
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-03
Sample Name: MW-27
Date/Time Collected: 8/22/24 11:00
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	87.7		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	73.3		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	60.1		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	69.6		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	44.3		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	98.7		8/29/24 15:51	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-03
Sample Name: MW-27
Date/Time Collected: 8/22/24 11:00
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**0.344**	J	9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**1.02**		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**25.1**		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.325**		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.159**	J	9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.63**	J	9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:13	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**9.96**		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-03
Sample Name: MW-27
Date/Time Collected: 8/22/24 11:00
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.278**	J	8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	104		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	124		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 15:58	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.63**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**25.0**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-04**
Sample Name: **MW-28**
Date/Time Collected: **8/22/24 13:45**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.196**	J	8/26/24 15:15	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 21:09	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 21:09	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 21:09	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 21:09	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	109		9/3/24 21:09	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 13:50	B408490	EPA 608/SW 8082A
TCMX [surr]	%	102		8/27/24 13:50	B408490	EPA 608/SW 8082A
DCBP [surr]	%	126		8/27/24 13:50	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	27.4		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	61.2		8/27/24 19:53	B408465	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-04
Sample Name: MW-28
Date/Time Collected: 8/22/24 13:45
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-04
Sample Name: MW-28
Date/Time Collected: 8/22/24 13:45
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-04
Sample Name: MW-28
Date/Time Collected: 8/22/24 13:45
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	86.6		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	75.0		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	51.1		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	63.4		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	39.2		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	107		8/29/24 16:14	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-04**
Sample Name: **MW-28**
Date/Time Collected: **8/22/24 13:45**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**10.6**		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.311**		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:16	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**9.39**		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-04**
Sample Name: **MW-28**
Date/Time Collected: **8/22/24 13:45**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	125		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	103		8/28/24 16:23	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.59**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**24.3**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-05**
Sample Name: **MW-30**
Date/Time Collected: **8/22/24 12:45**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.276**	J	8/26/24 15:37	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 21:28	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 21:28	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 21:28	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 21:28	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	102		9/3/24 21:28	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 14:16	B408490	EPA 608/SW 8082A
TCMX [surr]	%	104		8/27/24 14:16	B408490	EPA 608/SW 8082A
DCBP [surr]	%	114		8/27/24 14:16	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
TCMX [surr]	%	52.2		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007
DCBP [surr]	%	32.2		8/27/24 20:12	B408465	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-05
Sample Name: MW-30
Date/Time Collected: 8/22/24 12:45
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-05
Sample Name: MW-30
Date/Time Collected: 8/22/24 12:45
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: 2408533-05
Sample Name: MW-30
Date/Time Collected: 8/22/24 12:45
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	83.3		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	82.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	57.9		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	68.3		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	42.0		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	94.2		8/29/24 16:37	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 22-Aug-24 15:36

ANALYTICAL RESULTS

Lab Number: **2408533-05**
Sample Name: **MW-30**
Date/Time Collected: **8/22/24 12:45**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.295**		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**15.4**		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.687**		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.294**		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.208**	J	9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	**0.387**	J	9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**2.76**		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.237**	J	9/3/24 15:20	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:20	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**3.10**	J	8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2408533-05
Sample Name: MW-30
Date/Time Collected: 8/22/24 12:45
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.342**	J	8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	127		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 16:48	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.51**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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ANALYTICAL RESULTS

Lab Number:	**2408533-05**
Sample Name:	**MW-30**
Date/Time Collected:	**8/22/24 12:45**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**24.4**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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QUALITY CONTROL RESULTS

Pesticides -- Batch: B408465 (Water)
Prepared: 23-Aug-24 12:31 By: CT -- Analyzed: 27-Aug-24 16:48 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4´-DDD	<0.009 ug/L	58.0% / NA	71.1% / 72.0%		1.20%	
4,4´-DDE	<0.004 ug/L	58.6% / NA	67.9% / 66.4%		2.28%	
4,4´-DDT	<0.004 ug/L	51.1% / NA	63.0% / 62.9%		0.0889%	
Aldrin	<0.003 ug/L	53.8% / NA	65.8% / 61.9%		6.12%	
alpha-BHC	<0.003 ug/L	56.5% / NA	67.3% / 64.9%		3.62%	
beta-BHC	<0.005 ug/L	51.2% / NA	64.5% / 63.9%		1.07%	
delta-BHC	<0.002 ug/L	63.0% / NA	69.0% / 67.6%		2.12%	
Dieldrin	<0.004 ug/L	55.4% / NA	64.8% / 64.4%		0.619%	
Endosulfan I	<0.003 ug/L	63.0% / NA	MBI / MBI		1.14%	MBI
Endosulfan II	<0.005 ug/L	54.3% / NA	66.9% / 66.3%		0.970%	
Endosulfan sulfate	<0.004 ug/L	57.5% / NA	65.9% / 66.9%		1.58%	
Endrin	<0.006 ug/L	58.5% / NA	70.9% / 70.0%		1.21%	
Endrin aldehyde	<0.021 ug/L	65.8% / NA	84.3% / 86.0%		1.98%	J
gamma-BHC (Lindane)	<0.002 ug/L	59.9% / NA	69.9% / 68.8%		1.56%	
Heptachlor	<0.003 ug/L	40.4% / NA	50.2% / 47.6%		5.36%	
Heptachlor epoxide	<0.002 ug/L	52.9% / NA	62.9% / 61.4%		2.53%	
Methoxychlor	<0.020 ug/L	51.8% / NA	65.4% / 64.8%		0.882%	
DCBP [surr]	60.5 %	42.3% / NA	48.1% / 52.0%		NA	
TCMX [surr]	46.7 %	30.9% / NA	45.1% / 43.4%		NA	

Wet Chemistry -- Batch: B408481 (Water)
Prepared: 26-Aug-24 08:21 By: jb -- Analyzed: 26-Aug-24 08:21 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.0203 mg/L	96.0% / 98.5%	91.5% / NA		2.57%	

Anions -- Batch: B408488 (Water)
Prepared: 26-Aug-24 09:24 By: MB -- Analyzed: 26-Aug-24 22:04 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	91.4% / NA	101% / 100%		0.598%	

Wet Chemistry -- Batch: B408489 (Water)
Prepared: 26-Aug-24 09:33 By: CGF -- Analyzed: 26-Aug-24 09:33 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	100% / 99.9%	NA / NA		0.143%	

09 September 2024

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QUALITY CONTROL RESULTS

PCBs -- Batch: B408490 (Water)
Prepared: 26-Aug-24 10:14 By: TB -- Analyzed: 27-Aug-24 09:16 By: mb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	126% / NA	117% / 123%		4.89%	
Aroclor-1260	<0.0396 ug/L	107% / NA	92.0% / 102%		9.59%	
DCBP [surr]	106 %	122% / NA	98.0% / 110%		NA	
TCMX [surr]	113 %	116% / NA	109% / 110%		NA	

Herbicides -- Batch: B408503 (Water)
Prepared: 26-Aug-24 14:30 By: TB -- Analyzed: 03-Sep-24 17:47 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	107% / NA	109% / 109%		0.562%	
2,4-D	<0.964 ug/L	88.1% / NA	87.1% / 93.3%		6.82%	
DCAA [surr]	109 %	114% / NA	113% / 107%		NA	

Wet Chemistry -- Batch: B408504 (Water)
Prepared: 26-Aug-24 14:44 By: jb -- Analyzed: 26-Aug-24 14:44 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.003 mg/L	105% / 100%	103% / NA		4.88%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	60.7% / NA	71.7% / 68.1%		5.21%	
1,2,4-Trichlorobenzene	<1.69 ug/L	59.8% / NA	66.2% / 65.0%		1.90%	
1,4-Naphthoquinone	<3.00 ug/L	92.9% / NA	103% / 101%		1.84%	
1-Naphthylamine	<0.360 ug/L	73.9% / NA	76.7% / 76.0%		0.887%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	98.7% / NA	101% / 105%		4.64%	
2,4,5-Trichlorophenol	<1.91 ug/L	86.5% / NA	94.4% / 92.3%		2.17%	
2,4,6-Trichlorophenol	<1.06 ug/L	81.2% / NA	85.8% / 85.2%		0.767%	
2,4-Dichlorophenol	<0.449 ug/L	81.4% / NA	88.6% / 88.1%		0.583%	
2,4-Dimethylphenol	<1.12 ug/L	74.1% / NA	78.8% / 77.2%		2.10%	
2,4-Dinitrophenol	<2.25 ug/L	83.6% / NA	93.4% / 94.1%		0.764%	
2,4-Dinitrotoluene	<0.656 ug/L	80.5% / NA	89.3% / 85.7%		4.06%	
2,6-Dichlorophenol	<0.354 ug/L	85.1% / NA	93.4% / 92.3%		1.28%	
2,6-Dinitrotoluene	<0.656 ug/L	83.8% / NA	89.4% / 89.5%		0.104%	
2-Acetylaminofluorene	<0.275 ug/L	98.0% / NA	102% / 105%		2.93%	
2-Chloronaphthalene	<1.97 ug/L	79.3% / NA	85.0% / 85.4%		0.455%	
2-Chlorophenol	<1.11 ug/L	70.4% / NA	74.7% / 75.3%		0.779%	
2-Methylnaphthalene	<1.54 ug/L	71.0% / NA	77.9% / 76.2%		2.22%	
2-Methylphenol	<0.462 ug/L	71.7% / NA	75.8% / 76.1%		0.399%	
2-Naphthylamine	<0.190 ug/L	71.8% / NA	78.0% / 77.5%		0.571%	
2-Nitrophenol	<1.12 ug/L	70.7% / NA	76.6% / 76.1%		0.730%	
2-Picoline	<0.0973 ug/L	45.7% / NA	62.5% / 60.1%		3.91%	
3 & 4-Methylphenol	<0.501 ug/L	76.1% / NA	79.5% / 79.5%		0.00836%	
3,3-Dichlorobenzidine	<1.30 ug/L	107% / NA	111% / 116%		3.61%	
3,3'-Dimethylbenzidine	<0.538 ug/L	63.1% / NA	64.0% / 68.7%		7.03%	
3-Methylcholanthrene	<0.330 ug/L	90.5% / NA	95.9% / 94.4%		1.60%	
4,6-Dinitro-o-cresol	<2.96 ug/L	92.0% / NA	101% / 97.9%		2.90%	
4-Aminobiphenyl	<0.199 ug/L	78.5% / NA	82.5% / 81.7%		0.986%	
4-Bromophenyl-phenylether	<1.47 ug/L	93.4% / NA	99.3% / 95.1%		4.34%	
4-Chloro-3-methylphenol	<1.75 ug/L	75.9% / NA	75.6% / 82.6%		8.84%	
4-Chloroaniline	<0.609 ug/L	71.1% / NA	78.1% / 76.8%		1.69%	
4-Chlorophenyl-phenylether	<1.68 ug/L	87.0% / NA	90.7% / 89.0%		1.84%	
4-Nitroaniline	<0.953 ug/L	88.8% / NA	95.1% / 92.4%		2.86%	
4-Nitrophenol	<2.22 ug/L	53.9% / NA	57.1% / 56.1%		1.81%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	85.6% / NA	93.6% / 96.1%		2.70%	
5-Nitro-o-toluidine	<1.00 ug/L	93.0% / NA	99.7% / 99.0%		0.747%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	96.8% / NA	101% / 102%		0.787%	
Acenaphthene	<1.88 ug/L	78.3% / NA	85.0% / 84.3%		0.915%	
Acenaphthylene	<1.53 ug/L	84.8% / NA	92.2% / 90.3%		2.08%	
Acetophenone	<0.323 ug/L	70.7% / NA	76.4% / 73.5%		3.95%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec / NA	No Rec / No Rec		NA	NREC
Aniline	<1.48 ug/L	49.9% / NA	55.8% / 54.9%		1.62%	
Anthracene	<0.566 ug/L	74.5% / NA	78.3% / 77.9%		0.422%	
Aramite	<20.0 ug/L	72.0% / NA	76.5% / 73.6%		3.87%	J
Benzo (a) anthracene	<0.475 ug/L	85.8% / NA	88.9% / 91.1%		2.38%	
Benzo[a]pyrene	<0.566 ug/L	74.8% / NA	76.7% / 77.3%		0.795%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Benzo[b]fluoranthene	<0.482 ug/L	95.0% / NA	97.9% / 98.0%		0.0217%	
Benzo[g,h,i]perylene	<0.529 ug/L	88.7% / NA	89.5% / 91.9%		2.64%	
Benzo[k]fluoranthene	<0.516 ug/L	84.3% / NA	87.9% / 90.0%		2.31%	
Benzyl alcohol	<0.992 ug/L	68.7% / NA	72.8% / 73.3%		0.716%	
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	71.1% / NA	76.8% / 75.2%		2.06%	
Bis(2-chloroethoxy)methane	<1.04 ug/L	76.5% / NA	82.8% / 82.5%		0.406%	
Bis(2-chloroethyl)ether	<1.46 ug/L	73.0% / NA	79.1% / 79.0%		0.203%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	85.3% / NA	87.4% / 89.6%		2.45%	
Butylbenzylphthalate	<1.18 ug/L	83.5% / NA	87.7% / 88.8%		1.31%	
Chlorobenzilate	<0.321 ug/L	88.0% / NA	92.6% / 91.0%		1.77%	
Chrysene	<0.489 ug/L	90.5% / NA	92.4% / 93.9%		1.52%	
Diallate	<0.713 ug/L	81.5% / NA	88.3% / 86.3%		2.26%	
Dibenz[a,h]anthracene	<0.843 ug/L	88.9% / NA	91.0% / 91.8%		0.932%	
Dibenzofuran	<1.36 ug/L	80.1% / NA	86.3% / 85.6%		0.861%	
Diethylphthalate	<0.668 ug/L	82.0% / NA	87.6% / 86.8%		0.934%	
Dimethoate	<1.00 ug/L	NA / NA	NA / NA		NA	E-01, NS
Dimethylphthalate	<0.516 ug/L	86.4% / NA	92.8% / 92.1%		0.787%	
Di-n-butylphthalate	<1.33 ug/L	87.4% / NA	90.6% / 90.4%		0.281%	
Di-n-octylphthalate	<1.43 ug/L	87.4% / NA	91.0% / 92.0%		1.03%	
Disulfoton	<0.300 ug/L	NA / NA	NA / NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	69.6% / NA	74.2% / 72.1%		2.79%	
Famphur	<2.00 ug/L	NA / NA	NA / NA		NA	NS
Fluoranthene	<0.575 ug/L	83.5% / NA	89.3% / 89.8%		0.585%	
Fluorene	<1.43 ug/L	83.1% / NA	89.5% / 88.6%		0.998%	
Hexachlorobenzene	<1.27 ug/L	99.4% / NA	106% / 106%		0.0815%	E-01
Hexachlorobutadiene	<2.52 ug/L	45.4% / NA	51.4% / 48.3%		6.20%	
Hexachlorocyclopentadiene	<2.71 ug/L	38.2% / NA	41.5% / 40.1%		3.48%	
Hexachloroethane	<0.958 ug/L	42.2% / NA	48.8% / 49.1%		0.423%	
Hexachlorophene	<0.167 ug/L	NA / NA	NA / NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	35.3% / NA	42.7% / 38.6%		10.3%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	94.3% / NA	98.7% / 101%		2.45%	
Isodrin	<0.284 ug/L	84.3% / NA	88.7% / 88.5%		0.221%	
Isophorone	<2.23 ug/L	65.6% / NA	70.2% / 70.5%		0.386%	
Isosafrole	<0.216 ug/L	72.6% / NA	78.1% / 76.1%		2.51%	
Kepone	<0.420 ug/L	13.8% / NA	4.94% / 2.02%		83.9%	%D1, %D2, D, E21, E2-F, J
m-Dinitrobenzene	<0.359 ug/L	67.4% / NA	74.1% / 75.1%		1.31%	
Methapyrilene	<3.00 ug/L	NA / NA	NA / NA		NA	E-01, E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	57.5% / NA	60.9% / 57.8%		5.11%	E2-F
Methyl parathion	<0.230 ug/L	NA / NA	NA / NA		NA	NS
m-Nitroaniline	<0.308 ug/L	84.7% / NA	95.8% / 94.6%		1.31%	
Nitrobenzene	<1.42 ug/L	66.1% / NA	71.6% / 69.9%		2.43%	
N-Nitrosodiethylamine	<0.497 ug/L	69.5% / NA	75.4% / 73.9%		1.91%	
N-Nitrosodimethylamine	<0.372 ug/L	48.2% / NA	52.1% / 52.2%		0.189%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	82.9% / NA	87.7% / 87.8%		0.163%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	78.1% / NA	81.6% / 80.8%		0.973%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	86.3% / NA	90.5% / 89.5%		1.07%	
N-Nitrosomethylethylamine	<0.244 ug/L	96.7% / NA	102% / 98.7%		3.24%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
N-Nitrosomorpholine	<1.00 ug/L	93.6%	/	NA	96.7%	/	95.0%		1.77%	
N-Nitrosopiperidine	<0.298 ug/L	105%	/	NA	110%	/	109%		1.04%	E-01
N-Nitrosopyrrolidine	<1.00 ug/L	70.2%	/	NA	74.9%	/	73.8%		1.49%	
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	84.9%	/	NA	93.0%	/	92.3%		0.714%	
o-Toluidine	<0.196 ug/L	67.7%	/	NA	72.2%	/	70.4%		2.54%	
Parathion	<0.224 ug/L	NA	/	NA	NA	/	NA		NA	E-01, NS
p-Dimethylaminoazobenzene	<0.259 ug/L	90.5%	/	NA	93.3%	/	93.4%		0.130%	
Pentachlorobenzene	<0.133 ug/L	84.0%	/	NA	93.0%	/	93.1%		0.0999%	
Pentachloroethane	<5.68 ug/L	37.6%	/	NA	44.4%	/	42.4%		4.81%	J
Pentachloronitrobenzene	<0.258 ug/L	89.5%	/	NA	95.3%	/	90.5%		5.15%	
Pentachlorophenol	<1.28 ug/L	92.6%	/	NA	98.1%	/	95.6%		2.60%	
Phenacetin	<0.200 ug/L	95.3%	/	NA	103%	/	103%		0.126%	
Phenanthrene	<0.572 ug/L	88.4%	/	NA	91.8%	/	90.9%		0.886%	
Phenol	<0.348 ug/L	44.8%	/	NA	47.8%	/	47.8%		0.108%	
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	92.4%	/	NA	95.1%	/	96.0%		0.986%	
Pyrene	<0.489 ug/L	88.0%	/	NA	92.8%	/	93.6%		0.806%	
Pyridine	<1.39 ug/L	34.6%	/	NA	42.1%	/	42.0%		0.376%	
Safrole	<0.484 ug/L	65.4%	/	NA	71.7%	/	69.8%		2.72%	
Sulfotep	<0.344 ug/L	NA	/	NA	NA	/	NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	78.0%	/	NA	84.3%	/	83.9%		0.535%	
2,4,6-Tribromophenol [surr]	95.7 %	96.7%	/	NA	104%	/	104%		NA	
2-Fluorobiphenyl [surr]	85.9 %	77.1%	/	NA	82.2%	/	82.0%		NA	
2-Fluorophenol [surr]	69.4 %	57.8%	/	NA	59.5%	/	59.9%		NA	
Nitrobenzene-d5 [surr]	79.3 %	62.9%	/	NA	66.2%	/	66.9%		NA	
Phenol-d5 [surr]	50.1 %	44.1%	/	NA	46.1%	/	47.5%		NA	
Terphenyl-d14 [surr]	107 %	88.0%	/	NA	92.0%	/	94.7%		NA	

Total Metals -- Batch: B408517 (Water)

Prepared: 27-Aug-24 10:59 By: JY -- Analyzed: 27-Aug-24 10:59 By: JY

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	102%	/	NA	104%	/	105%		1.10%	

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

QUALITY CONTROL RESULTS

Total Metals -- Batch: B408537 (Water)

Prepared: 27-Aug-24 16:00 By: ST -- Analyzed: 03-Sep-24 13:54 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	101% / NA	96.4% / 93.8%		2.76%	
Arsenic	<0.052 ug/L	102% / NA	106% / 105%		1.33%	
Barium	<0.078 ug/L	97.2% / NA	95.0% / 93.6%		1.02%	
Beryllium	<0.074 ug/L	99.6% / NA	101% / 100%		0.505%	
Cadmium	<0.038 ug/L	102% / NA	101% / 99.7%		1.33%	
Chromium	<0.0751 ug/L	96.5% / NA	91.9% / 90.6%		1.35%	
Cobalt	<0.035 ug/L	105% / NA	106% / 105%		1.04%	
Copper	<0.149 ug/L	104% / NA	101% / 99.9%		1.00%	
Lead	<0.115 ug/L	102% / NA	102% / 101%		1.01%	
Nickel	<0.42 ug/L	99.0% / NA	94.8% / 94.1%		0.660%	
Selenium	<1.50 ug/L	101% / NA	103% / 105%		1.69%	
Silver	<0.099 ug/L	104% / NA	101% / 101%		0.294%	
Thallium	<0.035 ug/L	104% / NA	104% / 103%		0.563%	
Tin	<1.62 ug/L	103% / NA	92.5% / 90.7%		2.01%	
Vanadium	<0.042 ug/L	97.5% / NA	94.2% / 93.2%		1.02%	
Zinc	<4.89 ug/L	104% / NA	106% / 106%		0.683%	

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

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Date Received: 22-Aug-24 15:36

QUALITY CONTROL RESULTS

Volatiles -- Batch: B408544 (Water)

Prepared: 28-Aug-24 09:08 By: jb -- Analyzed: 28-Aug-24 22:05 By: jb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	103% / NA	109% / 105%		3.30%	
1,1,1-Trichloroethane	<0.261 ug/L	102% / NA	120% / 119%		1.11%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	104% / NA	118% / 107%		9.50%	
1,1,2-Trichloroethane	<0.210 ug/L	99.2% / NA	113% / 106%		7.16%	
1,1-Dichloroethane	<0.248 ug/L	105% / NA	123% / 119%		3.68%	
1,1-Dichloroethene	<0.303 ug/L	104% / NA	122% / 121%		0.449%	
1,2,3-Trichloropropane	<0.471 ug/L	97.7% / NA	111% / 102%		8.95%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	91.2% / NA	95.4% / 88.8%		7.21%	
1,2-Dibromoethane	<0.250 ug/L	104% / NA	114% / 104%		9.65%	
1,2-Dichlorobenzene	<0.173 ug/L	104% / NA	113% / 108%		4.58%	
1,2-Dichloroethane	<0.235 ug/L	99.4% / NA	115% / 110%		3.76%	
1,2-Dichloropropane	<0.259 ug/L	104% / NA	119% / 112%		5.31%	
1,3-Dichlorobenzene	<0.220 ug/L	106% / NA	113% / 110%		2.68%	
1,4-Dichlorobenzene	<0.158 ug/L	104% / NA	112% / 109%		2.11%	
2-Butanone	<0.461 ug/L	92.9% / NA	110% / 98.1%		11.2%	
2-Hexanone	<0.372 ug/L	91.2% / NA	104% / 95.0%		9.20%	
4-Methyl-2-pentanone	<0.281 ug/L	92.4% / NA	106% / 95.5%		10.4%	
Acetone	<1.49 ug/L	103% / NA	134% / 115%		15.5%	
Acetonitrile	<12.4 ug/L	66.0% / NA	118% / 125%		5.80%	
Acrolein	<1.00 ug/L	76.5% / NA	85.3% / 74.0%		14.2%	E21
Acrylonitrile	<0.389 ug/L	105% / NA	121% / 110%		9.47%	
Allyl chloride	<0.539 ug/L	97.6% / NA	111% / 99.4%		10.8%	
Benzene	<0.263 ug/L	110% / NA	126% / 121%		4.26%	
Bromodichloromethane	<0.195 ug/L	104% / NA	112% / 108%		2.97%	
Bromoform	<0.278 ug/L	102% / NA	103% / 96.0%		7.29%	
Bromomethane	<0.530 ug/L	102% / NA	112% / 124%		9.49%	
Carbon disulfide	<0.300 ug/L	97.8% / NA	118% / 114%		3.91%	
Carbon Tetrachloride	<0.484 ug/L	111% / NA	120% / 116%		2.81%	
Chlorobenzene	<0.181 ug/L	107% / NA	114% / 111%		2.21%	
Chloroethane	<0.392 ug/L	98.0% / NA	120% / 117%		2.25%	
Chloroform	<0.244 ug/L	104% / NA	120% / 113%		5.91%	
Chloromethane	<0.155 ug/L	97.9% / NA	112% / 111%		1.11%	
Chloroprene	<1.00 ug/L	124% / NA	121% / 119%		1.61%	
cis-1,3-Dichloropropene	<0.123 ug/L	108% / NA	108% / 105%		2.68%	
Dibromochloromethane	<0.202 ug/L	101% / NA	110% / 102%		7.68%	
Dibromomethane	<0.174 ug/L	98.5% / NA	113% / 106%		6.11%	
Dichlorodifluoromethane	<0.266 ug/L	86.9% / NA	109% / 107%		2.52%	
Ethyl Methacrylate	<0.843 ug/L	81.3% / NA	110% / 110%		0.560%	
Ethylbenzene	<0.274 ug/L	104% / NA	115% / 113%		1.59%	
Iodomethane	<0.432 ug/L	87.4% / NA	118% / 121%		2.52%	
Isobutyl alcohol	<1.68 ug/L	76.1% / NA	132% / 123%		7.12%	
m,p-Xylene	<0.500 ug/L	104% / NA	112% / 111%		0.974%	
Methacrylonitrile	<3.29 ug/L	69.8% / NA	122% / 123%		1.03%	
Methyl Methacrylate	<0.806 ug/L	78.6% / NA	120% / 122%		1.02%	
Methylene Chloride	<0.212 ug/L	105% / NA	122% / 116%		5.64%	
Naphthalene	<0.114 ug/L	97.8% / NA	104% / 97.9%		5.85%	
o-Xylene	<0.206 ug/L	105% / NA	112% / 111%		0.725%	
Propionitrile	<2.28 ug/L	69.0% / NA	123% / 123%		0.236%	

09 September 2024

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

Project Number: August 2024
Date Received: 22-Aug-24 15:36

QUALITY CONTROL RESULTS

Volatiles -- Batch: B408544 (Water)

Prepared: 28-Aug-24 09:08 By: jb -- Analyzed: 28-Aug-24 22:05 By: jb

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	105%	/	NA	112%	/	108%		3.50%	
Tetrachloroethene	<0.268 ug/L	99.8%	/	NA	114%	/	112%		1.41%	
Toluene	<0.295 ug/L	103%	/	NA	115%	/	111%		2.90%	
trans-1,2-Dichloroethene	<0.320 ug/L	102%	/	NA	120%	/	115%		4.34%	
trans-1,3-Dichloropropene	<0.155 ug/L	103%	/	NA	102%	/	98.3%		4.13%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	92.1%	/	NA	85.7%	/	87.4%		1.96%	
Trichloroethene	<0.306 ug/L	99.9%	/	NA	109%	/	108%		0.408%	
Trichlorofluoromethane	<0.423 ug/L	98.6%	/	NA	119%	/	121%		2.34%	
Vinyl acetate	<0.880 ug/L	118%	/	NA	103%	/	93.6%		9.38%	
Vinyl chloride	<0.369 ug/L	97.7%	/	NA	124%	/	125%		0.741%	
1,2-Dichloroethane-d4 [surr]	108 %	100%	/	NA	110%	/	107%		NA	
4-Bromofluorobenzene [surr]	103 %	102%	/	NA	101%	/	100%		NA	
Toluene-d8 [surr]	99.5 %	98.3%	/	NA	100%	/	99.4%		NA	

QUALIFIER(S)

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

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

Reviewed by: Norma James

Norma James
Technical Director

Arkansas Analytical Inc.
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
Veolia Gum Springs Facility	Quarterly Groundwater Samples	1 Day (100%)
500 East Reynolds Rd.	Appendix IX	2 Day (50%)
Arkadelphia, AR 71923	Reporting Information	3 Day (25%)
	Telephone: 870-245-2720	5 Day (Routine)
Attn: Cole Clark	Fax: 870-246-7344	Preservative Code:
	Email: SEE BELOW	Bottle Type:

Preservation Codes:

1. Cool, 6 Degrees Centigrade
2. Sulfuric Acid (H_2SO_4), pH < 2
3. Nitric Acid (HNO_3), pH < 2
4. Thiosulfate for Dechlorination
5. Hydrochloric Acid(HCl)
6. Sodium Hydroxide (NaOH), pH > 12

Sampler(s) Signature: [signature]

Sampler(s) Printed: Fernando Ocampo

Field Number	SAMPLE COLLECTION Date/s	Time/s	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, 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)**	Arkansas Analytical Work Order Number: 7408533
~~MW-8S~~	8-22-24	1425	X		12	Water	MW-8S	X	X	X	X	X	X	X	X	X	01
	8-22-24	1220	X		12	Water	MW-26	X	X	X	X	X	X	X	X	X	02
	8-22-24	1100	X		12	Water	MW-27	X	X	X	X	X	X	X	X	X	03
	8-22-24	1345	X		12	Water	MW-28	X	X	X	X	X	X	X	X	X	04
	8-22-24	1245	X		12	Water	MW-30	X	X	X	X	X	X	X	X	X	05
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	
			X		12	Water		X	X	X	X	X	X	X	X	X	

1. Relinquished by: (Signature)	Date/Time	2. Received by: (Signature)
[signature]	8/22/24	[signature]
3. Relinquished by: (Signature)	Date/Time	4. Received by lab: (Signature)
[signature]	8-22-24 15:36	Natasha Howard

SAMPLE CONDITION UPON RECEIPT IN LAB

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# 5	

FOR COMPLETION BY LAB ONLY

REMARKS / SAMPLE COMMENTS

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

Arkansas Analytical Inc.

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

09 September 2024

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2024

SDG Number: 2408552

Enclosed are the results of analyses for samples received by the laboratory on 23-Aug-24 14:09. 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	6.0°C

Sincerely,

Norma James
Technical Director

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

CASE NARRATIVE

Sample Delivery Group – 2408552

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

ANALYTICAL QUALIFIERS:

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

CALIBRATION QUALIFIERS:

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

pH QUALIFIERS:

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

QUALITY CONTROL QUALIFIERS:

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

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-01**
Sample Name: **MW-1A**
Date/Time Collected: **8/23/24 8:20**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.466**	J	8/26/24 16:41	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 21:46	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 21:46	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 21:46	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 21:46	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	108		9/3/24 21:46	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 14:41	B408490	EPA 608/SW 8082A
TCMX [surr]	%	117		8/27/24 14:41	B408490	EPA 608/SW 8082A
DCBP [surr]	%	120		8/27/24 14:41	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	53.3		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	65.4		8/28/24 15:33	B408512	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-01
Sample Name: MW-1A
Date/Time Collected: 8/23/24 8:20
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-01
Sample Name: MW-1A
Date/Time Collected: 8/23/24 8:20
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-01
Sample Name: MW-1A
Date/Time Collected: 8/23/24 8:20
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	87.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	82.0		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	56.9		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	69.1		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	39.6		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	92.5		8/29/24 16:59	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-01
Sample Name: MW-1A
Date/Time Collected: 8/23/24 8:20
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**1.45**	J	9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.584**		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**62.1**		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**1.86**		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.038**	J	9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.330**	J	9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**1.31**		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:31	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-01
Sample Name: MW-1A
Date/Time Collected: 8/23/24 8:20
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.299**	J	8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	109		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		8/28/24 17:13	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**7.78**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**23.9**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-02**
Sample Name: **MW-4**
Date/Time Collected: **8/23/24 11:23**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.285**	J	8/26/24 17:03	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 22:05	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 22:05	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 22:05	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 22:05	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	108		9/3/24 22:05	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 15:06	B408490	EPA 608/SW 8082A
TCMX [surr]	%	118		8/27/24 15:06	B408490	EPA 608/SW 8082A
DCBP [surr]	%	126		8/27/24 15:06	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	33.9		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	45.5		8/28/24 15:52	B408512	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-02
Sample Name: MW-4
Date/Time Collected: 8/23/24 11:23
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-02
Sample Name: MW-4
Date/Time Collected: 8/23/24 11:23
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-02**
Sample Name: **MW-4**
Date/Time Collected: **8/23/24 11:23**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	89.4		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	82.0		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	55.8		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	66.4		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	38.4		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	93.4		8/29/24 17:23	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-02**
Sample Name: **MW-4**
Date/Time Collected: **8/23/24 11:23**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**1.27**		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**27.9**		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.317**		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.374**		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:35	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**4.01**	J	8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-02
Sample Name: MW-4
Date/Time Collected: 8/23/24 11:23
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	125		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		8/28/24 17:37	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**7.10**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**24.3**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-03**
Sample Name: **MW-18**
Date/Time Collected: **8/23/24 10:22**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.259**	J	8/26/24 17:24	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 22:24	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 22:24	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 22:24	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 22:24	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	105		9/3/24 22:24	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 15:32	B408490	EPA 608/SW 8082A
TCMX [surr]	%	103		8/27/24 15:32	B408490	EPA 608/SW 8082A
DCBP [surr]	%	124		8/27/24 15:32	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	55.6		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	57.5		8/28/24 16:11	B408512	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-03
Sample Name: MW-18
Date/Time Collected: 8/23/24 10:22
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-03
Sample Name: MW-18
Date/Time Collected: 8/23/24 10:22
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-03
Sample Name: MW-18
Date/Time Collected: 8/23/24 10:22
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	85.9		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	81.1		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	58.3		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	68.4		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	39.5		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	95.6		8/29/24 17:45	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-03
Sample Name: MW-18
Date/Time Collected: 8/23/24 10:22
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.216**	J	9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**8.67**		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.263**		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.50**	J	9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:42	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**3.99**	J	8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
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ANALYTICAL RESULTS

Lab Number: 2408552-03
Sample Name: MW-18
Date/Time Collected: 8/23/24 10:22
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	119		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 18:02	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**7.00**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**24.8**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-04**
Sample Name: **MW-4S**
Date/Time Collected: **8/23/24 9:11**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.588**		8/26/24 17:46	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 22:42	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 22:42	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 22:42	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 22:42	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	114		9/3/24 22:42	B408503	SW 8151A, Rev 1 1996

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.135**	J	9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**14.9**		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.569**		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.045**	J	9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.180**	J	9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.64**	J	9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	**9.43**		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.230**	J	9/3/24 15:46	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:46	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-04
Sample Name: MW-4S
Date/Time Collected: 8/23/24 9:11
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number:	**2408552-04**
Sample Name:	**MW-4S**
Date/Time Collected:	**8/23/24 9:11**
Sample Matrix:	**Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Vinyl chloride	ug/L	< 2.00		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	125		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.5		8/28/24 18:26	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.75**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**25.2**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-05
Sample Name: MW-6S
Date/Time Collected: 8/23/24 8:40
Sample Matrix: Water

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.343**	J	8/26/24 18:07	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 23:01	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 23:01	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 23:01	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 23:01	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	116		9/3/24 23:01	B408503	SW 8151A, Rev 1 1996

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.172**	J	9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**13.6**		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.445**		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.099**	J	9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.475**	J	9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	**0.556**		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**1.73**		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	**6.93**		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.407**		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 15:50	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-05
Sample Name: MW-6S
Date/Time Collected: 8/23/24 8:40
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.310**	J	8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number:	**2408552-05**
Sample Name:	**MW-6S**
Date/Time Collected:	**8/23/24 8:40**
Sample Matrix:	**Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Vinyl chloride	ug/L	< 2.00		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	122		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 18:51	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.72**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**23.4**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-06**
Sample Name: **MW-18S**
Date/Time Collected: **8/23/24 9:40**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**1.73**		8/26/24 18:29	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/3/24 23:56	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/3/24 23:56	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/3/24 23:56	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/3/24 23:56	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	109		9/3/24 23:56	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 15:57	B408490	EPA 608/SW 8082A
TCMX [surr]	%	112		8/27/24 15:57	B408490	EPA 608/SW 8082A
DCBP [surr]	%	121		8/27/24 15:57	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	43.2		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	57.5		8/29/24 14:25	B408512	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-06
Sample Name: MW-18S
Date/Time Collected: 8/23/24 9:40
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**0.724**	J	9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.396**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**14.0**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	**0.083**	J	9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.586**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.338**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.608**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**2.56**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	**25.2**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.354**		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 16:32	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**2.81**	J	8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-06
Sample Name: MW-18S
Date/Time Collected: 8/23/24 9:40
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.232**	J	8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	115		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.6		8/28/24 19:15	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.64**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number:	**2408552-06**
Sample Name:	**MW-18S**
Date/Time Collected:	**8/23/24 9:40**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.4**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-07**
Sample Name: **MW-24**
Date/Time Collected: **8/23/24 10:32**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.249**	J	8/26/24 18:50	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/4/24 0:15	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/4/24 0:15	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/4/24 0:15	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/4/24 0:15	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	108		9/4/24 0:15	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 16:22	B408490	EPA 608/SW 8082A
TCMX [surr]	%	114		8/27/24 16:22	B408490	EPA 608/SW 8082A
DCBP [surr]	%	125		8/27/24 16:22	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	35.9		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	55.2		8/28/24 16:48	B408512	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-07
Sample Name: MW-24
Date/Time Collected: 8/23/24 10:32
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-07
Sample Name: MW-24
Date/Time Collected: 8/23/24 10:32
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-07
Sample Name: MW-24
Date/Time Collected: 8/23/24 10:32
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	92.2		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	89.6		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	63.0		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	75.2		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	46.7		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	104		8/29/24 18:08	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2408552-07
Sample Name: MW-24
Date/Time Collected: 8/23/24 10:32
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**0.392**	J	9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**2.67**		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**84.2**		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.303**		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.586**		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.160**	J	9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.64**	J	9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.050**	J	9/3/24 16:35	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 16:35	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**2.36**	J	8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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ANALYTICAL RESULTS

Lab Number: 2408552-07
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Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	113		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 19:40	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.90**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number:	**2408552-07**
Sample Name:	**MW-24**
Date/Time Collected:	**8/23/24 10:32**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.0**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Project Number: August 2024
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ANALYTICAL RESULTS

Lab Number: **2408552-08**
Sample Name: **MW-25**
Date/Time Collected: **8/23/24 9:17**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.310**	J	8/26/24 19:12	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/4/24 0:33	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/4/24 0:33	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/4/24 0:33	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/4/24 0:33	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	112		9/4/24 0:33	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 16:48	B408490	EPA 608/SW 8082A
TCMX [surr]	%	118		8/27/24 16:48	B408490	EPA 608/SW 8082A
DCBP [surr]	%	132		8/27/24 16:48	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	32.5		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	50.4		8/28/24 17:07	B408512	SW 8081B, Rev 2, 2007

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-08
Sample Name: MW-25
Date/Time Collected: 8/23/24 9:17
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-08
Sample Name: MW-25
Date/Time Collected: 8/23/24 9:17
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-08
Sample Name: MW-25
Date/Time Collected: 8/23/24 9:17
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	71.7		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	65.1		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	45.1		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	55.5		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	33.4		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	94.0		8/29/24 18:31	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-08
Sample Name: MW-25
Date/Time Collected: 8/23/24 9:17
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**0.747**		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**22.0**		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.294**		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**0.147**	J	9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**0.71**	J	9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/3/24 16:39	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**1.83**	J	8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-08
Sample Name: MW-25
Date/Time Collected: 8/23/24 9:17
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	110		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/28/24 20:04	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.66**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011
Temp of pH	°C	**23.5**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-09**
Sample Name: **MW-6**
Date/Time Collected: **8/23/24 12:21**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.456**	J	8/26/24 19:33	B408488	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/4/24 0:52	B408503	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/4/24 0:52	B408503	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/4/24 0:52	B408503	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/4/24 0:52	B408503	SW 8151A, Rev 1 1996
DCAA [surr]	%	118		9/4/24 0:52	B408503	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/27/24 17:38	B408490	EPA 608/SW 8082A
TCMX [surr]	%	122		8/27/24 17:38	B408490	EPA 608/SW 8082A
DCBP [surr]	%	128		8/27/24 17:38	B408490	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	36.1		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	53.8		8/28/24 17:25	B408512	SW 8081B, Rev 2, 2007

09 September 2024

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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-09
Sample Name: MW-6
Date/Time Collected: 8/23/24 12:21
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: 2408552-09
Sample Name: MW-6
Date/Time Collected: 8/23/24 12:21
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0	E-01	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00	E-01	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E21, E2-F, E5	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-09**
Sample Name: **MW-6**
Date/Time Collected: **8/23/24 12:21**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0	E-01	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	78.7		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	67.8		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	50.2		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	60.2		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	34.9		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	102		8/29/24 18:54	B408514	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number: **2408552-09**
Sample Name: **MW-6**
Date/Time Collected: **8/23/24 12:21**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Arsenic	ug/L	**7.89**		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Barium	ug/L	**66.2**		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.256**	J	9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Cobalt	ug/L	**1.72**		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Copper	ug/L	**0.575**		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/27/24 10:59	B408517	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**2.03**		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Vanadium	ug/L	**0.054**	J	9/3/24 16:43	B408537	SW 6020B, Rev 2-2014
Zinc	ug/L	**5.21**	J	9/3/24 16:43	B408537	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Acetone	ug/L	**2.95**	J	8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX
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ANALYTICAL RESULTS

Lab Number: 2408552-09
Sample Name: MW-6
Date/Time Collected: 8/23/24 12:21
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	**0.231**	J	8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	112		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.6		8/28/24 20:28	B408544	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	< 0.005		8/26/24 14:44	B408504	SM 4500-CN B,C,E 2016
pH	S.U.	**6.50**	E2	8/26/24 8:29	B408489	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/26/24 8:21	B408481	SM 4500-S2 D-2011

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

ANALYTICAL RESULTS

Lab Number:	**2408552-09**
Sample Name:	**MW-6**
Date/Time Collected:	**8/23/24 12:21**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.6**		8/26/24 8:29	B408489	SM 2550 B-2010

09 September 2024

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QUALITY CONTROL RESULTS

Wet Chemistry -- Batch: B408481 (Water)
Prepared: 26-Aug-24 08:21 By: jb -- Analyzed: 26-Aug-24 08:21 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.0203 mg/L	96.0% / 98.5%	91.5% / NA		2.57%	

Anions -- Batch: B408488 (Water)
Prepared: 26-Aug-24 09:24 By: MB -- Analyzed: 26-Aug-24 22:04 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	91.4% / NA	101% / 100%		0.598%	

Wet Chemistry -- Batch: B408489 (Water)
Prepared: 26-Aug-24 09:33 By: CGF -- Analyzed: 26-Aug-24 09:33 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	100% / 99.9%	NA / NA		0.143%	

PCBs -- Batch: B408490 (Water)
Prepared: 26-Aug-24 10:14 By: TB -- Analyzed: 27-Aug-24 09:16 By: mb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	126% / NA	117% / 123%		4.89%	
Aroclor-1260	<0.0396 ug/L	107% / NA	92.0% / 102%		9.59%	
DCBP [surr]	106 %	122% / NA	98.0% / 110%		NA	
TCMX [surr]	113 %	116% / NA	109% / 110%		NA	

Herbicides -- Batch: B408503 (Water)
Prepared: 26-Aug-24 14:30 By: TB -- Analyzed: 03-Sep-24 17:47 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	107% / NA	109% / 109%		0.562%	
2,4-D	<0.964 ug/L	88.1% / NA	87.1% / 93.3%		6.82%	
DCAA [surr]	109 %	114% / NA	113% / 107%		NA	

Wet Chemistry -- Batch: B408504 (Water)
Prepared: 26-Aug-24 14:44 By: jb -- Analyzed: 26-Aug-24 14:44 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.003 mg/L	105% / 100%	103% / NA		4.88%	

09 September 2024

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QUALITY CONTROL RESULTS

Pesticides -- Batch: B408512 (Water)

Prepared: 27-Aug-24 12:25 By: TB -- Analyzed: 28-Aug-24 15:14 By: CT

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
4,4´-DDD	<0.009 ug/L	70.7%	/	NA	82.1%	/	85.3%		3.72%	
4,4´-DDE	<0.004 ug/L	65.7%	/	NA	72.8%	/	72.6%		0.223%	
4,4´-DDT	<0.004 ug/L	57.5%	/	NA	66.5%	/	68.4%		2.73%	
Aldrin	<0.003 ug/L	55.3%	/	NA	58.0%	/	50.0%		14.9%	
alpha-BHC	<0.003 ug/L	67.4%	/	NA	64.9%	/	71.2%		9.27%	
beta-BHC	<0.005 ug/L	62.5%	/	NA	70.6%	/	75.0%		6.10%	
delta-BHC	<0.002 ug/L	73.6%	/	NA	67.5%	/	73.8%		9.01%	
Dieldrin	<0.004 ug/L	68.6%	/	NA	76.3%	/	81.4%		6.43%	
Endosulfan I	<0.003 ug/L	73.7%	/	NA	79.1%	/	85.4%		7.60%	
Endosulfan II	<0.005 ug/L	64.8%	/	NA	73.4%	/	78.0%		6.07%	
Endosulfan sulfate	<0.004 ug/L	64.2%	/	NA	75.2%	/	78.7%		4.58%	
Endrin	<0.006 ug/L	72.8%	/	NA	82.6%	/	87.7%		5.93%	
Endrin aldehyde	<0.021 ug/L	80.5%	/	NA	88.2%	/	96.5%		8.92%	
gamma-BHC (Lindane)	<0.002 ug/L	73.4%	/	NA	71.3%	/	79.5%		10.8%	
Heptachlor	<0.003 ug/L	43.3%	/	NA	44.8%	/	39.7%		12.3%	
Heptachlor epoxide	<0.002 ug/L	63.2%	/	NA	67.7%	/	73.2%		7.76%	
Methoxychlor	<0.020 ug/L	63.5%	/	NA	75.0%	/	78.5%		4.65%	
DCBP [surr]	56.9 %	49.1%	/	NA	48.0%	/	47.6%		NA	
TCMX [surr]	53.5 %	36.1%	/	NA	39.7%	/	32.7%		NA	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	60.7%	/	NA	71.7%	/	68.1%		5.21%	
1,2,4-Trichlorobenzene	<1.69 ug/L	59.8%	/	NA	66.2%	/	65.0%		1.90%	
1,4-Naphthoquinone	<3.00 ug/L	92.9%	/	NA	103%	/	101%		1.84%	
1-Naphthylamine	<0.360 ug/L	73.9%	/	NA	76.7%	/	76.0%		0.887%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	98.7%	/	NA	101%	/	105%		4.64%	
2,4,5-Trichlorophenol	<1.91 ug/L	86.5%	/	NA	94.4%	/	92.3%		2.17%	
2,4,6-Trichlorophenol	<1.06 ug/L	81.2%	/	NA	85.8%	/	85.2%		0.767%	
2,4-Dichlorophenol	<0.449 ug/L	81.4%	/	NA	88.6%	/	88.1%		0.583%	
2,4-Dimethylphenol	<1.12 ug/L	74.1%	/	NA	78.8%	/	77.2%		2.10%	
2,4-Dinitrophenol	<2.25 ug/L	83.6%	/	NA	93.4%	/	94.1%		0.764%	
2,4-Dinitrotoluene	<0.656 ug/L	80.5%	/	NA	89.3%	/	85.7%		4.06%	
2,6-Dichlorophenol	<0.354 ug/L	85.1%	/	NA	93.4%	/	92.3%		1.28%	
2,6-Dinitrotoluene	<0.656 ug/L	83.8%	/	NA	89.4%	/	89.5%		0.104%	
2-Acetylaminofluorene	<0.275 ug/L	98.0%	/	NA	102%	/	105%		2.93%	
2-Chloronaphthalene	<1.97 ug/L	79.3%	/	NA	85.0%	/	85.4%		0.455%	
2-Chlorophenol	<1.11 ug/L	70.4%	/	NA	74.7%	/	75.3%		0.779%	
2-Methylnaphthalene	<1.54 ug/L	71.0%	/	NA	77.9%	/	76.2%		2.22%	
2-Methylphenol	<0.462 ug/L	71.7%	/	NA	75.8%	/	76.1%		0.399%	
2-Naphthylamine	<0.190 ug/L	71.8%	/	NA	78.0%	/	77.5%		0.571%	
2-Nitrophenol	<1.12 ug/L	70.7%	/	NA	76.6%	/	76.1%		0.730%	
2-Picoline	<0.0973 ug/L	45.7%	/	NA	62.5%	/	60.1%		3.91%	
3 & 4-Methylphenol	<0.501 ug/L	76.1%	/	NA	79.5%	/	79.5%		0.00836%	
3,3-Dichlorobenzidine	<1.30 ug/L	107%	/	NA	111%	/	116%		3.61%	
3,3'-Dimethylbenzidine	<0.538 ug/L	63.1%	/	NA	64.0%	/	68.7%		7.03%	
3-Methylcholanthrene	<0.330 ug/L	90.5%	/	NA	95.9%	/	94.4%		1.60%	
4,6-Dinitro-o-cresol	<2.96 ug/L	92.0%	/	NA	101%	/	97.9%		2.90%	
4-Aminobiphenyl	<0.199 ug/L	78.5%	/	NA	82.5%	/	81.7%		0.986%	
4-Bromophenyl-phenylether	<1.47 ug/L	93.4%	/	NA	99.3%	/	95.1%		4.34%	
4-Chloro-3-methylphenol	<1.75 ug/L	75.9%	/	NA	75.6%	/	82.6%		8.84%	
4-Chloroaniline	<0.609 ug/L	71.1%	/	NA	78.1%	/	76.8%		1.69%	
4-Chlorophenyl-phenylether	<1.68 ug/L	87.0%	/	NA	90.7%	/	89.0%		1.84%	
4-Nitroaniline	<0.953 ug/L	88.8%	/	NA	95.1%	/	92.4%		2.86%	
4-Nitrophenol	<2.22 ug/L	53.9%	/	NA	57.1%	/	56.1%		1.81%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	85.6%	/	NA	93.6%	/	96.1%		2.70%	
5-Nitro-o-toluidine	<1.00 ug/L	93.0%	/	NA	99.7%	/	99.0%		0.747%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	96.8%	/	NA	101%	/	102%		0.787%	
Acenaphthene	<1.88 ug/L	78.3%	/	NA	85.0%	/	84.3%		0.915%	
Acenaphthylene	<1.53 ug/L	84.8%	/	NA	92.2%	/	90.3%		2.08%	
Acetophenone	<0.323 ug/L	70.7%	/	NA	76.4%	/	73.5%		3.95%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec	/	NA	No Rec	/	No Rec		NA	NREC
Aniline	<1.48 ug/L	49.9%	/	NA	55.8%	/	54.9%		1.62%	
Anthracene	<0.566 ug/L	74.5%	/	NA	78.3%	/	77.9%		0.422%	
Aramite	<20.0 ug/L	72.0%	/	NA	76.5%	/	73.6%		3.87%	J
Benzo (a) anthracene	<0.475 ug/L	85.8%	/	NA	88.9%	/	91.1%		2.38%	
Benzo[a]pyrene	<0.566 ug/L	74.8%	/	NA	76.7%	/	77.3%		0.795%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Benzo[b]fluoranthene	<0.482 ug/L	95.0% / NA	97.9% / 98.0%		0.0217%	
Benzo[g,h,i]perylene	<0.529 ug/L	88.7% / NA	89.5% / 91.9%		2.64%	
Benzo[k]fluoranthene	<0.516 ug/L	84.3% / NA	87.9% / 90.0%		2.31%	
Benzyl alcohol	<0.992 ug/L	68.7% / NA	72.8% / 73.3%		0.716%	
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	71.1% / NA	76.8% / 75.2%		2.06%	
Bis(2-chloroethoxy)methane	<1.04 ug/L	76.5% / NA	82.8% / 82.5%		0.406%	
Bis(2-chloroethyl)ether	<1.46 ug/L	73.0% / NA	79.1% / 79.0%		0.203%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	85.3% / NA	87.4% / 89.6%		2.45%	
Butylbenzylphthalate	<1.18 ug/L	83.5% / NA	87.7% / 88.8%		1.31%	
Chlorobenzilate	<0.321 ug/L	88.0% / NA	92.6% / 91.0%		1.77%	
Chrysene	<0.489 ug/L	90.5% / NA	92.4% / 93.9%		1.52%	
Diallate	<0.713 ug/L	81.5% / NA	88.3% / 86.3%		2.26%	
Dibenz[a,h]anthracene	<0.843 ug/L	88.9% / NA	91.0% / 91.8%		0.932%	
Dibenzofuran	<1.36 ug/L	80.1% / NA	86.3% / 85.6%		0.861%	
Diethylphthalate	<0.668 ug/L	82.0% / NA	87.6% / 86.8%		0.934%	
Dimethoate	<1.00 ug/L	NA / NA	NA / NA		NA	E-01, NS
Dimethylphthalate	<0.516 ug/L	86.4% / NA	92.8% / 92.1%		0.787%	
Di-n-butylphthalate	<1.33 ug/L	87.4% / NA	90.6% / 90.4%		0.281%	
Di-n-octylphthalate	<1.43 ug/L	87.4% / NA	91.0% / 92.0%		1.03%	
Disulfoton	<0.300 ug/L	NA / NA	NA / NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	69.6% / NA	74.2% / 72.1%		2.79%	
Famphur	<2.00 ug/L	NA / NA	NA / NA		NA	NS
Fluoranthene	<0.575 ug/L	83.5% / NA	89.3% / 89.8%		0.585%	
Fluorene	<1.43 ug/L	83.1% / NA	89.5% / 88.6%		0.998%	
Hexachlorobenzene	<1.27 ug/L	99.4% / NA	106% / 106%		0.0815%	E-01
Hexachlorobutadiene	<2.52 ug/L	45.4% / NA	51.4% / 48.3%		6.20%	
Hexachlorocyclopentadiene	<2.71 ug/L	38.2% / NA	41.5% / 40.1%		3.48%	
Hexachloroethane	<0.958 ug/L	42.2% / NA	48.8% / 49.1%		0.423%	
Hexachlorophene	<0.167 ug/L	NA / NA	NA / NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	35.3% / NA	42.7% / 38.6%		10.3%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	94.3% / NA	98.7% / 101%		2.45%	
Isodrin	<0.284 ug/L	84.3% / NA	88.7% / 88.5%		0.221%	
Isophorone	<2.23 ug/L	65.6% / NA	70.2% / 70.5%		0.386%	
Isosafrole	<0.216 ug/L	72.6% / NA	78.1% / 76.1%		2.51%	
Kepone	<0.420 ug/L	13.8% / NA	4.94% / 2.02%		83.9%	%D1, %D2, D, E21, E2-F, J
m-Dinitrobenzene	<0.359 ug/L	67.4% / NA	74.1% / 75.1%		1.31%	
Methapyrilene	<3.00 ug/L	NA / NA	NA / NA		NA	E-01, E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	57.5% / NA	60.9% / 57.8%		5.11%	E2-F
Methyl parathion	<0.230 ug/L	NA / NA	NA / NA		NA	NS
m-Nitroaniline	<0.308 ug/L	84.7% / NA	95.8% / 94.6%		1.31%	
Nitrobenzene	<1.42 ug/L	66.1% / NA	71.6% / 69.9%		2.43%	
N-Nitrosodiethylamine	<0.497 ug/L	69.5% / NA	75.4% / 73.9%		1.91%	
N-Nitrosodimethylamine	<0.372 ug/L	48.2% / NA	52.1% / 52.2%		0.189%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	82.9% / NA	87.7% / 87.8%		0.163%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	78.1% / NA	81.6% / 80.8%		0.973%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	86.3% / NA	90.5% / 89.5%		1.07%	
N-Nitrosomethylethylamine	<0.244 ug/L	96.7% / NA	102% / 98.7%		3.24%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408514 (Water)

Prepared: 27-Aug-24 10:14 By: TB -- Analyzed: 29-Aug-24 12:25 By: TB

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
N-Nitrosomorpholine	<1.00 ug/L	93.6%	/	NA	96.7%	/	95.0%		1.77%	
N-Nitrosopiperidine	<0.298 ug/L	105%	/	NA	110%	/	109%		1.04%	E-01
N-Nitrosopyrrolidine	<1.00 ug/L	70.2%	/	NA	74.9%	/	73.8%		1.49%	
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	84.9%	/	NA	93.0%	/	92.3%		0.714%	
o-Toluidine	<0.196 ug/L	67.7%	/	NA	72.2%	/	70.4%		2.54%	
Parathion	<0.224 ug/L	NA	/	NA	NA	/	NA		NA	E-01, NS
p-Dimethylaminoazobenzene	<0.259 ug/L	90.5%	/	NA	93.3%	/	93.4%		0.130%	
Pentachlorobenzene	<0.133 ug/L	84.0%	/	NA	93.0%	/	93.1%		0.0999%	
Pentachloroethane	<5.68 ug/L	37.6%	/	NA	44.4%	/	42.4%		4.81%	J
Pentachloronitrobenzene	<0.258 ug/L	89.5%	/	NA	95.3%	/	90.5%		5.15%	
Pentachlorophenol	<1.28 ug/L	92.6%	/	NA	98.1%	/	95.6%		2.60%	
Phenacetin	<0.200 ug/L	95.3%	/	NA	103%	/	103%		0.126%	
Phenanthrene	<0.572 ug/L	88.4%	/	NA	91.8%	/	90.9%		0.886%	
Phenol	<0.348 ug/L	44.8%	/	NA	47.8%	/	47.8%		0.108%	
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	92.4%	/	NA	95.1%	/	96.0%		0.986%	
Pyrene	<0.489 ug/L	88.0%	/	NA	92.8%	/	93.6%		0.806%	
Pyridine	<1.39 ug/L	34.6%	/	NA	42.1%	/	42.0%		0.376%	
Safrole	<0.484 ug/L	65.4%	/	NA	71.7%	/	69.8%		2.72%	
Sulfotep	<0.344 ug/L	NA	/	NA	NA	/	NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	78.0%	/	NA	84.3%	/	83.9%		0.535%	
2,4,6-Tribromophenol [surr]	95.7 %	96.7%	/	NA	104%	/	104%		NA	
2-Fluorobiphenyl [surr]	85.9 %	77.1%	/	NA	82.2%	/	82.0%		NA	
2-Fluorophenol [surr]	69.4 %	57.8%	/	NA	59.5%	/	59.9%		NA	
Nitrobenzene-d5 [surr]	79.3 %	62.9%	/	NA	66.2%	/	66.9%		NA	
Phenol-d5 [surr]	50.1 %	44.1%	/	NA	46.1%	/	47.5%		NA	
Terphenyl-d14 [surr]	107 %	88.0%	/	NA	92.0%	/	94.7%		NA	

Total Metals -- Batch: B408517 (Water)

Prepared: 27-Aug-24 10:59 By: JY -- Analyzed: 27-Aug-24 10:59 By: JY

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	102%	/	NA	104%	/	105%		1.10%	

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

QUALITY CONTROL RESULTS

Total Metals -- Batch: B408537 (Water)

Prepared: 27-Aug-24 16:00 By: ST -- Analyzed: 03-Sep-24 13:54 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	101% / NA	96.4% / 93.8%		2.76%	
Arsenic	<0.052 ug/L	102% / NA	106% / 105%		1.33%	
Barium	<0.078 ug/L	97.2% / NA	95.0% / 93.6%		1.02%	
Beryllium	<0.074 ug/L	99.6% / NA	101% / 100%		0.505%	
Cadmium	<0.038 ug/L	102% / NA	101% / 99.7%		1.33%	
Chromium	<0.0751 ug/L	96.5% / NA	91.9% / 90.6%		1.35%	
Cobalt	<0.035 ug/L	105% / NA	106% / 105%		1.04%	
Copper	<0.149 ug/L	104% / NA	101% / 99.9%		1.00%	
Lead	<0.115 ug/L	102% / NA	102% / 101%		1.01%	
Nickel	<0.42 ug/L	99.0% / NA	94.8% / 94.1%		0.660%	
Selenium	<1.50 ug/L	101% / NA	103% / 105%		1.69%	
Silver	<0.099 ug/L	104% / NA	101% / 101%		0.294%	
Thallium	<0.035 ug/L	104% / NA	104% / 103%		0.563%	
Tin	<1.62 ug/L	103% / NA	92.5% / 90.7%		2.01%	
Vanadium	<0.042 ug/L	97.5% / NA	94.2% / 93.2%		1.02%	
Zinc	<4.89 ug/L	104% / NA	106% / 106%		0.683%	

09 September 2024

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QUALITY CONTROL RESULTS

Volatiles -- Batch: B408544 (Water)

Prepared: 28-Aug-24 09:08 By: jb -- Analyzed: 28-Aug-24 22:05 By: jb

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	103%	/	NA	109%	/	105%		3.30%	
1,1,1-Trichloroethane	<0.261 ug/L	102%	/	NA	120%	/	119%		1.11%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	104%	/	NA	118%	/	107%		9.50%	
1,1,2-Trichloroethane	<0.210 ug/L	99.2%	/	NA	113%	/	106%		7.16%	
1,1-Dichloroethane	<0.248 ug/L	105%	/	NA	123%	/	119%		3.68%	
1,1-Dichloroethene	<0.303 ug/L	104%	/	NA	122%	/	121%		0.449%	
1,2,3-Trichloropropane	<0.471 ug/L	97.7%	/	NA	111%	/	102%		8.95%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	91.2%	/	NA	95.4%	/	88.8%		7.21%	
1,2-Dibromoethane	<0.250 ug/L	104%	/	NA	114%	/	104%		9.65%	
1,2-Dichlorobenzene	<0.173 ug/L	104%	/	NA	113%	/	108%		4.58%	
1,2-Dichloroethane	<0.235 ug/L	99.4%	/	NA	115%	/	110%		3.76%	
1,2-Dichloropropane	<0.259 ug/L	104%	/	NA	119%	/	112%		5.31%	
1,3-Dichlorobenzene	<0.220 ug/L	106%	/	NA	113%	/	110%		2.68%	
1,4-Dichlorobenzene	<0.158 ug/L	104%	/	NA	112%	/	109%		2.11%	
2-Butanone	<0.461 ug/L	92.9%	/	NA	110%	/	98.1%		11.2%	
2-Hexanone	<0.372 ug/L	91.2%	/	NA	104%	/	95.0%		9.20%	
4-Methyl-2-pentanone	<0.281 ug/L	92.4%	/	NA	106%	/	95.5%		10.4%	
Acetone	<1.49 ug/L	103%	/	NA	134%	/	115%		15.5%	
Acetonitrile	<12.4 ug/L	66.0%	/	NA	118%	/	125%		5.80%	
Acrolein	<1.00 ug/L	76.5%	/	NA	85.3%	/	74.0%		14.2%	E21
Acrylonitrile	<0.389 ug/L	105%	/	NA	121%	/	110%		9.47%	
Allyl chloride	<0.539 ug/L	97.6%	/	NA	111%	/	99.4%		10.8%	
Benzene	<0.263 ug/L	110%	/	NA	126%	/	121%		4.26%	
Bromodichloromethane	<0.195 ug/L	104%	/	NA	112%	/	108%		2.97%	
Bromoform	<0.278 ug/L	102%	/	NA	103%	/	96.0%		7.29%	
Bromomethane	<0.530 ug/L	102%	/	NA	112%	/	124%		9.49%	
Carbon disulfide	<0.300 ug/L	97.8%	/	NA	118%	/	114%		3.91%	
Carbon Tetrachloride	<0.484 ug/L	111%	/	NA	120%	/	116%		2.81%	
Chlorobenzene	<0.181 ug/L	107%	/	NA	114%	/	111%		2.21%	
Chloroethane	<0.392 ug/L	98.0%	/	NA	120%	/	117%		2.25%	
Chloroform	<0.244 ug/L	104%	/	NA	120%	/	113%		5.91%	
Chloromethane	<0.155 ug/L	97.9%	/	NA	112%	/	111%		1.11%	
Chloroprene	<1.00 ug/L	124%	/	NA	121%	/	119%		1.61%	
cis-1,3-Dichloropropene	<0.123 ug/L	108%	/	NA	108%	/	105%		2.68%	
Dibromochloromethane	<0.202 ug/L	101%	/	NA	110%	/	102%		7.68%	
Dibromomethane	<0.174 ug/L	98.5%	/	NA	113%	/	106%		6.11%	
Dichlorodifluoromethane	<0.266 ug/L	86.9%	/	NA	109%	/	107%		2.52%	
Ethyl Methacrylate	<0.843 ug/L	81.3%	/	NA	110%	/	110%		0.560%	
Ethylbenzene	<0.274 ug/L	104%	/	NA	115%	/	113%		1.59%	
Iodomethane	<0.432 ug/L	87.4%	/	NA	118%	/	121%		2.52%	
Isobutyl alcohol	<1.68 ug/L	76.1%	/	NA	132%	/	123%		7.12%	
m,p-Xylene	<0.500 ug/L	104%	/	NA	112%	/	111%		0.974%	
Methacrylonitrile	<3.29 ug/L	69.8%	/	NA	122%	/	123%		1.03%	
Methyl Methacrylate	<0.806 ug/L	78.6%	/	NA	120%	/	122%		1.02%	
Methylene Chloride	<0.212 ug/L	105%	/	NA	122%	/	116%		5.64%	
Naphthalene	<0.114 ug/L	97.8%	/	NA	104%	/	97.9%		5.85%	
o-Xylene	<0.206 ug/L	105%	/	NA	112%	/	111%		0.725%	
Propionitrile	<2.28 ug/L	69.0%	/	NA	123%	/	123%		0.236%	

09 September 2024

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

Project Number: August 2024
Date Received: 23-Aug-24 14:09

QUALITY CONTROL RESULTS

Volatiles -- Batch: B408544 (Water)

Prepared: 28-Aug-24 09:08 By: jb -- Analyzed: 28-Aug-24 22:05 By: jb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	105% / NA	112% / 108%		3.50%	
Tetrachloroethene	<0.268 ug/L	99.8% / NA	114% / 112%		1.41%	
Toluene	<0.295 ug/L	103% / NA	115% / 111%		2.90%	
trans-1,2-Dichloroethene	<0.320 ug/L	102% / NA	120% / 115%		4.34%	
trans-1,3-Dichloropropene	<0.155 ug/L	103% / NA	102% / 98.3%		4.13%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	92.1% / NA	85.7% / 87.4%		1.96%	
Trichloroethene	<0.306 ug/L	99.9% / NA	109% / 108%		0.408%	
Trichlorofluoromethane	<0.423 ug/L	98.6% / NA	119% / 121%		2.34%	
Vinyl acetate	<0.880 ug/L	118% / NA	103% / 93.6%		9.38%	
Vinyl chloride	<0.369 ug/L	97.7% / NA	124% / 125%		0.741%	
1,2-Dichloroethane-d4 [surr]	108 %	100% / NA	110% / 107%		NA	
4-Bromofluorobenzene [surr]	103 %	102% / NA	101% / 100%		NA	
Toluene-d8 [surr]	99.5 %	98.3% / NA	100% / 99.4%		NA	

QUALIFIER(S)

*%D1:	Matrix Spike and/or Matrix Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*%D2:	Laboratory Control Spike and/or Laboratory Control Spike Duplicate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*D:	RPD Value Does Not Meet Laboratory Acceptance Criteria
*E-01:	Estimated Result; This Analyte Failed "High" in the CCV; If the sample is non-detect for this analyte, the CCV demonstrated the analyte would have been detected were it present.
*E2:	Estimated Result; Analyzed Outside of Holding Time
*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.

Reviewed by: Norma James

Norma James
Technical Director

Arkansas Analytical Inc.
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
Veolia Gum Springs Facility	Quarterly Groundwater Samples	1 Day (100%)
500 East Reynolds Rd.	Appendix IX	2 Day (50%)
Arkadelphia, AR 71923	Reporting Information	3 Day (25%)
	Telephone: 870-245-2720	5 Day (Routine)
Attn: Cole Clark	Fax: 870-246-7344	Preservative Code:
	Email: SEE BELOW	Bottle Type:

Preservation Codes:
1. Cool, 6 Degrees Centigrade
2. Sulfuric Acid (H_2SO_4), pH < 2
3. Nitric Acid (HNO_3), pH < 2
4. Thiosulfate for Dechlorination
5. Hydrochloric Acid(HCl)
6. Sodium Hydroxide (NaOH), pH > 12

Sampler(s) Signature: Wes Williams
Sampler(s) Printed: Wes Williams

Field Number	SAMPLE COLLECTION Date/s	Time/s	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, 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)**	Arkansas Analytical Work Order Number:
							TEST PARAMETERS	1	1,6, Zn Acetate	1,6	1,5	1,3	1	1	1	1	Bottle Type Code
								P	P	P	GV	P	GA	GA	GA	GA	G = Glass; P = Plastic; V = Septum; A = Amber
	8-23-24	820	X		12	Water	MW-1A	X	X	X	X	X	X	X	X	X	24085521 01
	8-23-24	1123	X		12	Water	MW-4	X	X	X	X	X	X	X	X	X	02
	8-23-24	1022	X		12	Water	MW-18	X	X	X	X	X	X	X	X	X	03
	8-23-24	911	X		12	Water	MW-4S	X	X	X	X	X	X	X	X	X	04
	8-23-24	840	X		12	Water	MW-6S	X	X	X	X	X	X	X	X	X	05
	8-23-24	940	X		12	Water	MW-18S	X	X	X	X	X	X	X	X	X	06
	8-23-24	1032	X		12	Water	MW-24	X	X	X	X	X	X	X	X	X	07
	8-23-24	417	X		12	Water	MW-25	X	X	X	X	X	X	X	X	X	08
	8-23-24	1221	X		12	Water	MW-6	X	X	X	X	X	X	X	X	X	09
			X		12	Water		X	X	X	X	X	X	X	X	X	

1. Relinquished by: (Signature)	Date/Time	2. Received by: (Signature)
Wes Williams	8-23-24 1409	
3. Relinquished by: (Signature)	Date/Time	4. Received by lab: (Signature)
		Jamie Nelson

SAMPLE CONDITION UPON RECEIPT IN LAB

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:	6 °C	
6. TEMPERATURE GUN ID:	HHT# 5	

FOR COMPLETION BY LAB ONLY

REMARKS / SAMPLE COMMENTS

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

Arkansas Analytical Inc.

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

09 September 2024

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

Project: Groundwater Samples - Appendix IX

Project Number: August 2024

SDG Number: 2408580

Enclosed are the results of analyses for samples received by the laboratory on 26-Aug-24 14:31. 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	7.0°C

Sincerely,

Norma James
Technical Director

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

CASE NARRATIVE

Sample Delivery Group – 2408580

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

ANALYTICAL QUALIFIERS:

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

CALIBRATION QUALIFIERS:

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

pH QUALIFIERS:

Qualifier	Description
E2	Result qualified as it was received and analyzed outside of holding time. Analysis is considered a "Field" analysis.
C	Corrosive

QUALITY CONTROL QUALIFIERS:

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

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-01**
Sample Name: **MW-8**
Date/Time Collected: **8/26/24 10:03**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**1.71**		8/28/24 9:52	B408533	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/4/24 2:25	B408577	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/4/24 2:25	B408577	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/4/24 2:25	B408577	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/4/24 2:25	B408577	SW 8151A, Rev 1 1996
DCAA [surr]	%	119		9/4/24 2:25	B408577	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/30/24 15:10	B408564	EPA 608/SW 8082A
TCMX [surr]	%	120		8/30/24 15:10	B408564	EPA 608/SW 8082A
DCBP [surr]	%	123		8/30/24 15:10	B408564	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	30.4		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	42.6		8/28/24 17:43	B408512	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-01
Sample Name: MW-8
Date/Time Collected: 8/26/24 10:03
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-01
Sample Name: MW-8
Date/Time Collected: 8/26/24 10:03
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E2-F, E5	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-01
Sample Name: MW-8
Date/Time Collected: 8/26/24 10:03
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0	E-01	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	77.8		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	63.9		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	45.3		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	53.4		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	32.0		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	94.1		8/30/24 12:05	B408578	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-01
Sample Name: MW-8
Date/Time Collected: 8/26/24 10:03
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Arsenic	ug/L	**3.84**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Barium	ug/L	**59.0**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Cadmium	ug/L	**0.116**	J	9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Chromium	ug/L	**1.44**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Cobalt	ug/L	**1.32**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Copper	ug/L	**1.09**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Lead	ug/L	**1.29**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/28/24 13:18	B408561	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**2.74**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Vanadium	ug/L	**3.42**		9/4/24 13:58	B409035	SW 6020B, Rev 2-2014
Zinc	ug/L	**7.15**	J	9/4/24 13:58	B409035	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	**4.53**	J	8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-01**
Sample Name: **MW-8**
Date/Time Collected: **8/26/24 10:03**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00	E-01	8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E-01	8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E21	8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	103		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	123		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/29/24 15:53	B408584	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	**0.002**	J	9/3/24 14:49	B409001	SM 4500-CN B,C,E 2016
pH	S.U.	**6.42**	E2	8/27/24 14:10	B408535	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/28/24 8:14	B408540	SM 4500-S2 D-2011

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number:	**2408580-01**
Sample Name:	**MW-8**
Date/Time Collected:	**8/26/24 10:03**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**24.9**		8/27/24 14:10	B408535	SM 2550 B-2010

09 September 2024

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Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-02**
Sample Name: **MW-29**
Date/Time Collected: **8/26/24 11:10**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**0.412**	J	8/28/24 10:14	B408533	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/4/24 2:43	B408577	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/4/24 2:43	B408577	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/4/24 2:43	B408577	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/4/24 2:43	B408577	SW 8151A, Rev 1 1996
DCAA [surr]	%	124		9/4/24 2:43	B408577	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/29/24 10:54	B408564	EPA 608/SW 8082A
TCMX [surr]	%	132		8/29/24 10:54	B408564	EPA 608/SW 8082A
DCBP [surr]	%	124		8/29/24 10:54	B408564	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	40.1		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	48.4		8/28/24 18:02	B408512	SW 8081B, Rev 2, 2007

09 September 2024

Cole Clark
Veolia Gum Springs Facility
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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-02
Sample Name: MW-29
Date/Time Collected: 8/26/24 11:10
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00	E20	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E20, E5	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-02
Sample Name: MW-29
Date/Time Collected: 8/26/24 11:10
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00	E20	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E20, E2-F, E5	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-02**
Sample Name: **MW-29**
Date/Time Collected: **8/26/24 11:10**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0	E-01	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E20, E5	8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	69.1		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	57.5		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	45.2		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	50.1		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	34.1		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	97.7		8/30/24 12:28	B408578	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-02
Sample Name: MW-29
Date/Time Collected: 8/26/24 11:10
Sample Matrix: Water

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Barium	ug/L	**9.66**		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.334**		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Copper	ug/L	**0.216**	J	9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/28/24 13:18	B408561	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**1.53**	J	9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/4/24 14:02	B409035	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-02**
Sample Name: **MW-29**
Date/Time Collected: **8/26/24 11:10**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00	E-01	8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E-01	8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0	E20	8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E21	8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	120		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/29/24 16:18	B408584	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	**0.002**	J	9/3/24 14:49	B409001	SM 4500-CN B,C,E 2016
pH	S.U.	**6.29**	E2	8/27/24 14:10	B408535	SM 4500-H+ B-2011
Sulfide	mg/L	< 0.150		8/28/24 8:14	B408540	SM 4500-S2 D-2011
Temp of pH	°C	**25.4**		8/27/24 14:10	B408535	SM 2550 B-2010

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-03**
Sample Name: **Leachate 1**
Date/Time Collected: **8/26/24 12:30**
Sample Matrix: **Liquid**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**792**		8/28/24 10:57	B408533	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 20.0	E1	9/4/24 3:39	B408577	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 15.0	E1	9/4/24 3:39	B408577	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 5.00	E1	9/4/24 3:39	B408577	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 12.5	E1	9/4/24 3:39	B408577	SW 8151A, Rev 1 1996
DCAA [surr]	%	24.2	%D3	9/4/24 3:39	B408577	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 5.00		8/29/24 11:20	B408564	EPA 608/SW 8082A
TCMX [surr]	%	128		8/29/24 11:20	B408564	EPA 608/SW 8082A
DCBP [surr]	%	125		8/29/24 11:20	B408564	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.300		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.100		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 1.00		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.100		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.100		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 1.00		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.100		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.200		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.100		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.100		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 1.50		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 1.00		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	44.9		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	56.4		8/28/24 18:20	B408512	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-03
Sample Name: Leachate 1
Date/Time Collected: 8/26/24 12:30
Sample Matrix: Liquid

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 500	E5	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-03
Sample Name: Leachate 1
Date/Time Collected: 8/26/24 12:30
Sample Matrix: Liquid

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 600		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 200		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 500	E21, E2-A	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 100	E2-F, E5	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-03
Sample Name: Leachate 1
Date/Time Collected: 8/26/24 12:30
Sample Matrix: Liquid

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 200	E-01, E2-F	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 100	E2-F	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 200		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 100	E-01	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 100	E-01	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 500		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 69000	E5	8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 50.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 100		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	92.2		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	81.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	57.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	69.0		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	38.2		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	105		8/30/24 13:14	B408578	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Veolia Gum Springs Facility
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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-03**
Sample Name: **Leachate 1**
Date/Time Collected: **8/26/24 12:30**
Sample Matrix: **Liquid**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 52.0		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Arsenic	ug/L	**5200**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Barium	ug/L	**426**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 6.50		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Cadmium	ug/L	**1.82**	J	9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Chromium	ug/L	**34.7**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Cobalt	ug/L	**24.9**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Copper	ug/L	**11.4**	J	9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Lead	ug/L	**16.7**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Mercury	ug/L	**0.0675**	J	8/28/24 13:18	B408561	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 39.0		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Selenium	ug/L	**350**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Silver	ug/L	**3.10**	J	9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Thallium	ug/L	< 6.50		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Tin	ug/L	< 520		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Vanadium	ug/L	**4380**		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014
Zinc	ug/L	< 520		9/4/24 14:09	B409035	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 150		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 250		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 2500		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 200	E21	8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX

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ANALYTICAL RESULTS

Lab Number: **2408580-03**
Sample Name: **Leachate 1**
Date/Time Collected: **8/26/24 12:30**
Sample Matrix: **Liquid**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 100	E-01	8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 250		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 150		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 100	E-01	8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 500		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 2500		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 250		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 500		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 50.0		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 250		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 200	E21	8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 100		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	115		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/29/24 16:42	B408584	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	**15.6**		9/3/24 14:49	B409001	SM 4500-CN B,C,E 2016
pH	S.U.	**12.0**	E2	8/27/24 14:10	B408535	SM 4500-H+ B-2011
Sulfide	mg/L	< 7.50		8/28/24 8:14	B408540	SM 4500-S2 D-2011

09 September 2024

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ANALYTICAL RESULTS

Lab Number:	**2408580-03**
Sample Name:	**Leachate 1**
Date/Time Collected:	**8/26/24 12:30**
Sample Matrix:	**Liquid**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**24.9**		8/27/24 14:10	B408535	SM 2550 B-2010

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-04**
Sample Name: **Leachate 2**
Date/Time Collected: **8/26/24 12:10**
Sample Matrix: **Liquid**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**3790**		8/28/24 11:18	B408533	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 20.0		9/4/24 3:57	B408577	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 15.0		9/4/24 3:57	B408577	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 5.00		9/4/24 3:57	B408577	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 12.5		9/4/24 3:57	B408577	SW 8151A, Rev 1 1996
DCAA [surr]	%	118		9/4/24 3:57	B408577	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 5.00		8/29/24 11:45	B408564	EPA 608/SW 8082A
TCMX [surr]	%	129		8/29/24 11:45	B408564	EPA 608/SW 8082A
DCBP [surr]	%	134		8/29/24 11:45	B408564	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.300		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.100		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 1.00		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.100		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.100		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 1.00		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.100		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.200		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.100		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.100		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 1.50		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 1.00		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	56.8		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	63.7		8/28/24 18:38	B408512	SW 8081B, Rev 2, 2007

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-04
Sample Name: Leachate 2
Date/Time Collected: 8/26/24 12:10
Sample Matrix: Liquid

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 500	E5	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-04
Sample Name: Leachate 2
Date/Time Collected: 8/26/24 12:10
Sample Matrix: Liquid

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 600		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 200		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 500	E21, E2-A	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 100	E2-F, E5	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-04**
Sample Name: **Leachate 2**
Date/Time Collected: **8/26/24 12:10**
Sample Matrix: **Liquid**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 200	E-01, E2-F	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 100	E2-F	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 200		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 100	E-01	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 100	E-01	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 500		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 69000	E5	8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 50.0		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 100		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	89.4		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	76.6		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	56.4		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	66.1		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	38.7		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	103		8/30/24 13:36	B408578	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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Project: Groundwater Samples - Appendix IX
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Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-04**
Sample Name: **Leachate 2**
Date/Time Collected: **8/26/24 12:10**
Sample Matrix: **Liquid**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**26.2**	J	9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Arsenic	ug/L	**8220**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Barium	ug/L	**109**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 6.50		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Cadmium	ug/L	**4.00**	J	9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Chromium	ug/L	**92.8**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Cobalt	ug/L	**45.6**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Copper	ug/L	**8.64**	J	9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Lead	ug/L	**52.7**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Mercury	ug/L	**0.142**	J	8/28/24 13:18	B408561	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 39.0		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Selenium	ug/L	**461**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Silver	ug/L	< 7.80		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Thallium	ug/L	< 6.50		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Tin	ug/L	< 520		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Vanadium	ug/L	**14900**		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014
Zinc	ug/L	< 520		9/4/24 14:13	B409035	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 150		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 250		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 2500		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 200	E21	8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-04
Sample Name: Leachate 2
Date/Time Collected: 8/26/24 12:10
Sample Matrix: Liquid

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 100	E-01	8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 250		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 150		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 100	E-01	8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 500		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 2500		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 250		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 500		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 50.0		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 250		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 200	E21	8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	114		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	100		8/29/24 17:06	B408584	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	**28.5**		9/3/24 14:49	B409001	SM 4500-CN B,C,E 2016
pH	S.U.	**12.6**	C, E2	8/27/24 14:10	B408535	SM 4500-H+ B-2011
Sulfide	mg/L	< 7.50		8/28/24 8:14	B408540	SM 4500-S2 D-2011

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
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ANALYTICAL RESULTS

Lab Number:	**2408580-04**
Sample Name:	**Leachate 2**
Date/Time Collected:	**8/26/24 12:10**
Sample Matrix:	**Liquid**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**23.4**		8/27/24 14:10	B408535	SM 2550 B-2010

09 September 2024

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ANALYTICAL RESULTS

Lab Number: **2408580-05**
Sample Name: **Leachate Cell 3-8**
Date/Time Collected: **8/26/24 12:50**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	**808**		8/28/24 11:40	B408533	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	**18.9**	J	9/4/24 4:15	B408577	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 15.0		9/4/24 4:15	B408577	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 5.00		9/4/24 4:15	B408577	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 12.5		9/4/24 4:15	B408577	SW 8151A, Rev 1 1996
DCAA [surr]	%	94.1		9/4/24 4:15	B408577	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 5.00		8/29/24 12:10	B408564	EPA 608/SW 8082A
TCMX [surr]	%	134		8/29/24 12:10	B408564	EPA 608/SW 8082A
DCBP [surr]	%	133		8/29/24 12:10	B408564	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.300		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.100		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 1.00		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.100		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.100		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 1.00		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.100		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.200		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.100		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.100		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 1.50		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 1.00		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	10.5		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	21.8		8/28/24 18:57	B408512	SW 8081B, Rev 2, 2007

09 September 2024

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Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-05**
Sample Name: **Leachate Cell 3-8**
Date/Time Collected: **8/26/24 12:50**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	**23.1**	E1, J	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 500	E1, E5	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-05**
Sample Name: **Leachate Cell 3-8**
Date/Time Collected: **8/26/24 12:50**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 600	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	**1900**	E1	8/30/24 13:59	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 200	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 500	E1, E21, E2-A	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 100	E1, E2-F, E5	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-05**
Sample Name: **Leachate Cell 3-8**
Date/Time Collected: **8/26/24 12:50**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 200	E-01, E1, E2-F	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 100	E1, E2-F	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 200	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 100	E-01, E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 100	E-01, E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 500	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Phenol	ug/L	**364**	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 69000	E1, E5	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 50.0	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 100	E1	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	MBI	MBI	8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	57.7		8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	39.5		8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	48.9		8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	31.0		8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	90.8		8/30/24 14:26	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-05**
Sample Name: **Leachate Cell 3-8**
Date/Time Collected: **8/26/24 12:50**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	**79.4**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Arsenic	ug/L	**2310**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Barium	ug/L	**44.5**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 6.50		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Cadmium	ug/L	**6.92**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Chromium	ug/L	**59.3**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Cobalt	ug/L	**13.1**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Copper	ug/L	**53.6**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Lead	ug/L	**257**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Mercury	ug/L	**1.00**		8/28/24 13:18	B408561	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	**270**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Selenium	ug/L	**127**	J	9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Silver	ug/L	< 7.80		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Thallium	ug/L	< 6.50		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Tin	ug/L	< 520		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Vanadium	ug/L	**4040**		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014
Zinc	ug/L	< 520		9/4/24 14:17	B409035	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 150		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 250		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 2500		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 200	E21	8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-05
Sample Name: Leachate Cell 3-8
Date/Time Collected: 8/26/24 12:50
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromoform	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 100	E-01	8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 250		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 150		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 100	E-01	8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 500		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 2500		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 250		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 500		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 50.0		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 250		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 200	E21	8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 100		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	112		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	101		8/29/24 17:31	B408584	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	**4.95**		9/3/24 14:49	B409001	SM 4500-CN B,C,E 2016
pH	S.U.	**10.7**	E2	8/27/24 14:10	B408535	SM 4500-H+ B-2011
Sulfide	mg/L	**4.85**	J	8/28/24 8:14	B408540	SM 4500-S2 D-2011

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number:	**2408580-05**
Sample Name:	**Leachate Cell 3-8**
Date/Time Collected:	**8/26/24 12:50**
Sample Matrix:	**Water**

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Temp of pH	°C	**25.2**		8/27/24 14:10	B408535	SM 2550 B-2010

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-06**
Sample Name: **FB**
Date/Time Collected: **8/26/24 8:50**
Sample Matrix: **Water**

Anions	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Fluoride	mg/L	< 0.500		8/28/24 10:35	B408533	EPA 300.0, 2.1-1993

Herbicides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
2,4-D	ug/L	< 4.00		9/4/24 4:34	B408577	SW 8151A, Rev 1 1996
2,4,5-TP (Silvex)	ug/L	< 3.00		9/4/24 4:34	B408577	SW 8151A, Rev 1 1996
2,4,5-T	ug/L	< 1.00		9/4/24 4:34	B408577	SW 8151A, Rev 1 1996
Dinoseb	ug/L	< 2.50		9/4/24 4:34	B408577	SW 8151A, Rev 1 1996
DCAA [surr]	%	112		9/4/24 4:34	B408577	SW 8151A, Rev 1 1996

PCBs	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aroclor-1016	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor-1260	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor-1254	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor-1242	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor-1248	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor-1221	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor-1232	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
Aroclor 1268	ug/L	< 1.00		8/29/24 12:35	B408564	EPA 608/SW 8082A
TCMX [surr]	%	131		8/29/24 12:35	B408564	EPA 608/SW 8082A
DCBP [surr]	%	71.0		8/29/24 12:35	B408564	EPA 608/SW 8082A

Pesticides	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
4,4´-DDD	ug/L	< 0.030		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
4,4´-DDE	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
alpha-BHC	ug/L	< 0.010		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
beta-BHC	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
delta-BHC	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Chlordane	ug/L	< 0.100		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Endosulfan I	ug/L	< 0.010		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Endosulfan II	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Endosulfan sulfate	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Heptachlor epoxide	ug/L	< 0.010		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Methoxychlor	ug/L	< 0.100		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
4,4´-DDT	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Aldrin	ug/L	< 0.010		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Dieldrin	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Endrin	ug/L	< 0.020		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
gamma-BHC (Lindane)	ug/L	< 0.010		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Heptachlor	ug/L	< 0.010		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Toxaphene	ug/L	< 0.150		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
Endrin aldehyde	ug/L	< 0.100		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
TCMX [surr]	%	40.7		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007
DCBP [surr]	%	52.3		8/28/24 19:15	B408512	SW 8081B, Rev 2, 2007

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

Cole Clark
Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX
Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-06
Sample Name: FB
Date/Time Collected: 8/26/24 8:50
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,2,4,5-Tetrachlorobenzene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
1,2,4-Trichlorobenzene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
1,4-Naphthoquinone	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
1-Naphthylamine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,3,4,6-Tetrachlorophenol	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4,5-Trichlorophenol	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Trichlorophenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4-Dichlorophenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4-Dimethylphenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrophenol	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4-Dinitrotoluene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Chloronaphthalene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,6-Dichlorophenol	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Chlorophenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,6-Dinitrotoluene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Acetylaminofluorene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Methylnaphthalene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Methylphenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Naphthylamine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Nitrophenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Picoline	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
3 & 4-Methylphenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
3,3'-Dimethylbenzidine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
3,3-Dichlorobenzidine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
3-Methylcholanthrene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4,6-Dinitro-o-cresol	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Aminobiphenyl	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Bromophenyl-phenylether	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Chloro-3-methylphenol	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Chlorophenyl-phenylether	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Chloroaniline	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Nitroquinoline 1-oxide	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
5-Nitro-o-toluidine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Nitroaniline	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
7,12-Dimethylbenz(a)anthracene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
4-Nitrophenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Acenaphthene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Acenaphthylene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Acetophenone	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Alpha, Alpha-Dimethylphenethylamine	ug/L	< 50.0	E5	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-06
Sample Name: FB
Date/Time Collected: 8/26/24 8:50
Sample Matrix: Water

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Aniline	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Anthracene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Aramite	ug/L	< 60.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Benzo (a) anthracene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Benzo[a]pyrene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Benzo[b]fluoranthene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Benzo[g,h,i]perylene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Benzo[k]fluoranthene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Benzyl alcohol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloro-1-methylethyl) ether	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethoxy)methane	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Bis(2-chloroethyl)ether	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Bis(2-ethylhexyl)phthalate	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Butylbenzylphthalate	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Chlorobenzilate	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Chrysene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Diallate	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Dibenz[a,h]anthracene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Dibenzofuran	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Diethylphthalate	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Dimethoate	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Dimethylphthalate	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Di-n-butylphthalate	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Di-n-octylphthalate	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Diphenylamine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Disulfoton	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Ethyl Methanesulfonate	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Famphur	ug/L	< 20.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Fluoranthene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Fluorene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobenzene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Hexachlorobutadiene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Hexachlorocyclopentadiene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Hexachloroethane	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Hexachlorophene	ug/L	< 50.0	E21, E2-A	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Hexachloropropene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Indeno[1,2,3-cd]pyrene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Isodrin	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Isophorone	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Isosafrole	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Kepone	ug/L	< 10.0	E2-F, E5	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
m-Dinitrobenzene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018

09 September 2024

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Veolia Gum Springs Facility
500 East Reynolds Rd.
Arkadelphia, AR 71923
Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-06**
Sample Name: **FB**
Date/Time Collected: **8/26/24 8:50**
Sample Matrix: **Water**

Semivolatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methapyrilene	ug/L	< 20.0	E-01, E2-F	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Methyl parathion	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Methyl Methanesulfonate	ug/L	< 10.0	E2-F	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
m-Nitroaniline	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodiethylamine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodimethylamine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosodi-n-butylamine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
n-Nitrosodiphenylamine	ug/L	< 20.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitroso-di-n-propylamine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomethylethylamine	ug/L	< 10.0	E-01	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosomorpholine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopiperidine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
N-Nitrosopyrrolidine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
O,O,O-Triethyl phosphorothioate	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
o,o-Diethyl o-2-pyrazinyl	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
o-Nitroaniline	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
o-Toluidine	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
p-Dimethylaminoazobenzene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Parathion	ug/L	< 10.0	E-01	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pentachlorobenzene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pentachloroethane	ug/L	< 50.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pentachloronitrobenzene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pentachlorophenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Phenacetin	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Phenanthrene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Phenol	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Phorate	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
p-Phenylenediamine	ug/L	< 6900	E5	8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pronamide	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pyrene	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Pyridine	ug/L	< 5.00		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Safrole	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Sulfotep	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
sym-Trinitrobenzene	ug/L	< 10.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2,4,6-Tribromophenol [surr]	%	86.1		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Fluorobiphenyl [surr]	%	73.6		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
2-Fluorophenol [surr]	%	52.2		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Nitrobenzene-d5 [surr]	%	61.8		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Phenol-d5 [surr]	%	34.7		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018
Terphenyl-d14 [surr]	%	93.0		8/30/24 12:51	B408578	SW 8270E, Rev. 6, 2018

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method

09 September 2024

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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: **2408580-06**
Sample Name: **FB**
Date/Time Collected: **8/26/24 8:50**
Sample Matrix: **Water**

Total Metals	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Antimony	ug/L	< 2.08		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Arsenic	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Barium	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Beryllium	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Cadmium	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Chromium	ug/L	**0.363**		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Cobalt	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Copper	ug/L	< 0.520		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Lead	ug/L	< 0.416		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Mercury	ug/L	< 0.200		8/28/24 13:18	B408561	SW7470A/EPA245.1,3.0- 1994
Nickel	ug/L	< 1.56		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Selenium	ug/L	< 5.20		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Silver	ug/L	< 0.312		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Thallium	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Tin	ug/L	< 20.8		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Vanadium	ug/L	< 0.260		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014
Zinc	ug/L	< 20.8		9/4/24 15:36	B409035	SW 6020B, Rev 2-2014

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-06**
Sample Name: **FB**
Date/Time Collected: **8/26/24 8:50**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Bromomethane	ug/L	< 2.00	E-01	8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E-01	8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Methyl Methacrylate	ug/L	< 5.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E21	8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	101		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	116		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	102		8/29/24 17:55	B408584	SW 8260C, Rev 3, 2006

Wet Chemistry	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Cyanide (total)	mg/L	**0.002**	J	9/3/24 14:49	B409001	SM 4500-CN B,C,E 2016
pH	S.U.	**7.02**	E2	8/27/24 14:10	B408535	SM 4500-H+ B-2011
Sulfide	mg/L	**0.0240**	J	8/28/24 8:14	B408540	SM 4500-S2 D-2011
Temp of pH	°C	**24.8**		8/27/24 14:10	B408535	SM 2550 B-2010

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: 2408580-07
Sample Name: Equipment Blank
Date/Time Collected: 8/26/24 13:15
Sample Matrix: Water

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
1,1,1,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,1,1-Trichloroethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,1,2,2-Tetrachloroethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,1,2-Trichloroethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,1-Dichloroethene	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2,3-Trichloropropane	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromo-3-chloropropane	ug/L	< 3.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2-Dibromoethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloropropane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,3-Dichlorobenzene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2-Dichlorobenzene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
2-Hexanone	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
4-Methyl-2-pentanone	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Acetone	ug/L	< 5.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Acetonitrile	ug/L	< 50.0		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Acrolein	ug/L	< 4.00	E21	8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Acrylonitrile	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Allyl chloride	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,4-Dichlorobenzene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Benzene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Bromodichloromethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Bromoform	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Bromomethane	ug/L	< 2.00	E-01	8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Carbon disulfide	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
2-Butanone	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Carbon Tetrachloride	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Chlorobenzene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Chloroethane	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Chloroform	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Chloromethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Chloroprene	ug/L	< 5.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
cis-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Dibromochloromethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Dibromomethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Dichlorodifluoromethane	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Ethyl Methacrylate	ug/L	< 3.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Ethylbenzene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Iodomethane	ug/L	< 2.00	E-01	8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Isobutyl alcohol	ug/L	< 10.0		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Methacrylonitrile	ug/L	< 50.0		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Methylene Chloride	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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

Project Number: August 2024
Date Received: 26-Aug-24 14:31

ANALYTICAL RESULTS

Lab Number: **2408580-07**
Sample Name: **Equipment Blank**
Date/Time Collected: **8/26/24 13:15**
Sample Matrix: **Water**

Volatiles	Units	Result	Qualifier(s)	Date/Time Analyzed	Batch	Method
Methyl Methacrylate	ug/L	< 5.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
m,p-Xylene	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Naphthalene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
o-Xylene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Propionitrile	ug/L	< 10.0		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Styrene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Tetrachloroethene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Toluene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
trans-1,2-Dichloroethene	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
trans-1,3-Dichloropropene	ug/L	< 1.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
trans-1,4-Dichloro-2-butene	ug/L	< 5.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Trichloroethene	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Trichlorofluoromethane	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Vinyl acetate	ug/L	< 4.00	E21	8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Vinyl chloride	ug/L	< 2.00		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
4-Bromofluorobenzene [surr]	%	102		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
1,2-Dichloroethane-d4 [surr]	%	107		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006
Toluene-d8 [surr]	%	99.8		8/29/24 18:19	B408584	SW 8260C, Rev 3, 2006

09 September 2024

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Date Received: 26-Aug-24 14:31

QUALITY CONTROL RESULTS

Pesticides -- Batch: B408512 (Water)
Prepared: 27-Aug-24 12:25 By: TB -- Analyzed: 28-Aug-24 15:14 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
4,4´-DDD	<0.009 ug/L	70.7% / NA	82.1% / 85.3%		3.72%	
4,4´-DDE	<0.004 ug/L	65.7% / NA	72.8% / 72.6%		0.223%	
4,4´-DDT	<0.004 ug/L	57.5% / NA	66.5% / 68.4%		2.73%	
Aldrin	<0.003 ug/L	55.3% / NA	58.0% / 50.0%		14.9%	
alpha-BHC	<0.003 ug/L	67.4% / NA	64.9% / 71.2%		9.27%	
beta-BHC	<0.005 ug/L	62.5% / NA	70.6% / 75.0%		6.10%	
delta-BHC	<0.002 ug/L	73.6% / NA	67.5% / 73.8%		9.01%	
Dieldrin	<0.004 ug/L	68.6% / NA	76.3% / 81.4%		6.43%	
Endosulfan I	<0.003 ug/L	73.7% / NA	79.1% / 85.4%		7.60%	
Endosulfan II	<0.005 ug/L	64.8% / NA	73.4% / 78.0%		6.07%	
Endosulfan sulfate	<0.004 ug/L	64.2% / NA	75.2% / 78.7%		4.58%	
Endrin	<0.006 ug/L	72.8% / NA	82.6% / 87.7%		5.93%	
Endrin aldehyde	<0.021 ug/L	80.5% / NA	88.2% / 96.5%		8.92%	
gamma-BHC (Lindane)	<0.002 ug/L	73.4% / NA	71.3% / 79.5%		10.8%	
Heptachlor	<0.003 ug/L	43.3% / NA	44.8% / 39.7%		12.3%	
Heptachlor epoxide	<0.002 ug/L	63.2% / NA	67.7% / 73.2%		7.76%	
Methoxychlor	<0.020 ug/L	63.5% / NA	75.0% / 78.5%		4.65%	
DCBP [surr]	56.9 %	49.1% / NA	48.0% / 47.6%		NA	
TCMX [surr]	53.5 %	36.1% / NA	39.7% / 32.7%		NA	

Anions -- Batch: B408533 (Water)
Prepared: 28-Aug-24 08:05 By: MB -- Analyzed: 28-Aug-24 13:05 By: MB

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Fluoride	<0.089 mg/L	95.9% / NA	108% / 108%		0.615%	

Wet Chemistry -- Batch: B408535 (Water)
Prepared: 27-Aug-24 07:39 By: CGF -- Analyzed: 27-Aug-24 07:39 By: CGF

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
pH	NA	100% / 99.7%	NA / NA		0.286%	

Wet Chemistry -- Batch: B408540 (Water)
Prepared: 28-Aug-24 08:14 By: jb -- Analyzed: 28-Aug-24 08:14 By: KJ

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Sulfide	<0.0203 mg/L	95.0% / 97.5%	87.5% / NA		2.60%	

Total Metals -- Batch: B408561 (Water)
Prepared: 28-Aug-24 13:18 By: JY -- Analyzed: 28-Aug-24 13:18 By: JY

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Mercury	<0.0610 ug/L	104% / NA	103% / 100%		2.87%	

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QUALITY CONTROL RESULTS

PCBs -- Batch: B408564 (Water)

Prepared: 28-Aug-24 13:40 By: MB -- Analyzed: 30-Aug-24 11:17 By: mb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Aroclor-1016	<0.0334 ug/L	136% / NA	139% / 145%		3.65%	
Aroclor-1260	<0.0396 ug/L	115% / NA	119% / 126%		5.65%	
DCBP [surr]	119 %	113% / NA	133% / 123%		NA	
TCMX [surr]	126 %	125% / NA	125% / 126%		NA	

Herbicides -- Batch: B408577 (Water)

Prepared: 28-Aug-24 16:07 By: TB -- Analyzed: 04-Sep-24 02:06 By: CT

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
2,4,5-TP (Silvex)	<0.790 ug/L	115% / NA	120% / 115%		4.03%	
2,4-D	<0.964 ug/L	98.8% / NA	101% / 97.5%		3.37%	
DCAA [surr]	118 %	120% / NA	115% / 110%		NA	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408578 (Water)

Prepared: 28-Aug-24 16:08 By: TB -- Analyzed: 30-Aug-24 11:42 By: TB

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
1,2,4,5-Tetrachlorobenzene	<0.142 ug/L	75.7%	NA	58.4%	53.3%		9.03%	
1,2,4-Trichlorobenzene	<1.69 ug/L	69.6%	NA	52.8%	46.7%		12.1%	
1,4-Naphthoquinone	<3.00 ug/L	98.3%	NA	89.8%	95.9%		6.60%	
1-Naphthylamine	<0.360 ug/L	77.5%	NA	77.2%	78.4%		1.58%	
2,3,4,6-Tetrachlorophenol	<2.00 ug/L	105%	NA	99.1%	100%		1.34%	
2,4,5-Trichlorophenol	<1.91 ug/L	94.6%	NA	82.0%	84.5%		2.92%	
2,4,6-Trichlorophenol	<1.06 ug/L	86.9%	NA	73.6%	75.5%		2.62%	
2,4-Dichlorophenol	<0.449 ug/L	89.3%	NA	71.7%	64.7%		10.3%	
2,4-Dimethylphenol	<1.12 ug/L	80.3%	NA	66.1%	59.6%		10.4%	
2,4-Dinitrophenol	<2.25 ug/L	81.4%	NA	83.5%	85.1%		1.88%	
2,4-Dinitrotoluene	<0.656 ug/L	88.2%	NA	82.6%	85.0%		2.88%	
2,6-Dichlorophenol	<0.354 ug/L	94.0%	NA	77.0%	69.8%		9.84%	
2,6-Dinitrotoluene	<0.656 ug/L	90.5%	NA	84.0%	86.8%		3.19%	
2-Acetylaminofluorene	<0.275 ug/L	106%	NA	105%	105%		0.255%	
2-Chloronaphthalene	<1.97 ug/L	86.5%	NA	67.7%	65.0%		4.04%	
2-Chlorophenol	<1.11 ug/L	78.1%	NA	58.5%	50.5%		14.6%	
2-Methylnaphthalene	<1.54 ug/L	80.0%	NA	63.2%	58.6%		7.58%	
2-Methylphenol	<0.462 ug/L	77.2%	NA	59.4%	53.3%		10.9%	
2-Naphthylamine	<0.190 ug/L	75.4%	NA	76.8%	77.3%		0.547%	
2-Nitrophenol	<1.12 ug/L	78.4%	NA	60.9%	56.0%		8.27%	
2-Picoline	<0.0973 ug/L	52.0%	NA	45.7%	42.1%		8.21%	
3 & 4-Methylphenol	<0.501 ug/L	83.3%	NA	65.1%	57.3%		12.6%	
3,3-Dichlorobenzidine	<1.30 ug/L	114%	NA	116%	121%		4.18%	%D1
3,3'-Dimethylbenzidine	<0.538 ug/L	65.3%	NA	79.5%	79.2%		0.376%	
3-Methylcholanthrene	<0.330 ug/L	96.0%	NA	96.3%	98.1%		1.87%	
4,6-Dinitro-o-cresol	<2.96 ug/L	92.6%	NA	88.9%	96.4%		8.10%	
4-Aminobiphenyl	<0.199 ug/L	84.4%	NA	84.0%	84.9%		1.00%	
4-Bromophenyl-phenylether	<1.47 ug/L	94.7%	NA	85.1%	91.4%		7.08%	
4-Chloro-3-methylphenol	<1.75 ug/L	69.4%	NA	68.0%	70.0%		3.02%	
4-Chloroaniline	<0.609 ug/L	75.3%	NA	64.2%	59.6%		7.45%	
4-Chlorophenyl-phenylether	<1.68 ug/L	96.8%	NA	83.0%	85.8%		3.27%	
4-Nitroaniline	<0.953 ug/L	97.1%	NA	90.5%	95.2%		5.10%	
4-Nitrophenol	<2.22 ug/L	58.4%	NA	54.3%	57.4%		5.50%	
4-Nitroquinoline 1-oxide	<2.00 ug/L	89.8%	NA	93.6%	96.5%		3.09%	
5-Nitro-o-toluidine	<1.00 ug/L	102%	NA	100%	98.7%		1.28%	
7,12-Dimethylbenz(a)anthracene	<1.00 ug/L	104%	NA	103%	106%		2.62%	
Acenaphthene	<1.88 ug/L	86.1%	NA	71.0%	72.1%		1.53%	
Acenaphthylene	<1.53 ug/L	93.4%	NA	77.5%	77.7%		0.242%	
Acetophenone	<0.323 ug/L	79.0%	NA	62.4%	55.1%		12.3%	
Alpha, Alpha-Dimethylphenethylamine	<3.13 ug/L	No Rec	NA	No Rec	No Rec		NA	NREC
Aniline	<1.48 ug/L	51.9%	NA	42.9%	39.0%		9.67%	
Anthracene	<0.566 ug/L	80.4%	NA	74.4%	77.9%		4.57%	
Benzo (a) anthracene	<0.475 ug/L	92.7%	NA	90.1%	91.7%		1.78%	
Benzo[a]pyrene	<0.566 ug/L	79.2%	NA	76.6%	78.2%		2.07%	
Benzo[b]fluoranthene	<0.482 ug/L	102%	NA	100%	102%		1.89%	

09 September 2024

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Project: Groundwater Samples - Appendix IX

Project Number: August 2024
Date Received: 26-Aug-24 14:31

QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408578 (Water)
Prepared: 28-Aug-24 16:08 By: TB -- Analyzed: 30-Aug-24 11:42 By: TB

Analyte	BLK	LCS / LCSD			MS / MSD			Dup	RPD	Qualifiers
Benzo[g,h,i]perylene	<0.529 ug/L	90.3%	/	NA	89.3%	/	93.2%		4.26%	
Benzo[k]fluoranthene	<0.516 ug/L	90.4%	/	NA	89.0%	/	92.2%		3.57%	
Benzyl alcohol	<0.992 ug/L	72.5%	/	NA	57.0%	/	49.7%		13.8%	D
Bis(2-chloro-1-methylethyl) ether	<0.445 ug/L	77.0%	/	NA	57.4%	/	50.5%		12.8%	%D1
Bis(2-chloroethoxy)methane	<1.04 ug/L	80.4%	/	NA	65.9%	/	57.3%		14.0%	
Bis(2-chloroethyl)ether	<1.46 ug/L	80.2%	/	NA	60.1%	/	53.9%		10.9%	
Bis(2-ethylhexyl)phthalate	<1.50 ug/L	91.1%	/	NA	88.6%	/	91.2%		2.85%	
Butylbenzylphthalate	<1.18 ug/L	89.4%	/	NA	88.2%	/	89.3%		1.19%	
Chlorobenzilate	<0.321 ug/L	94.3%	/	NA	90.9%	/	93.6%		2.89%	
Chrysene	<0.489 ug/L	98.0%	/	NA	94.0%	/	97.4%		3.52%	
Diallate	<0.713 ug/L	84.5%	/	NA	80.3%	/	83.0%		3.29%	
Dibenz[a,h]anthracene	<0.843 ug/L	92.2%	/	NA	91.3%	/	93.8%		2.76%	
Dibenzofuran	<1.36 ug/L	88.4%	/	NA	75.4%	/	76.2%		1.12%	
Diethylphthalate	<0.668 ug/L	88.0%	/	NA	82.4%	/	88.1%		6.66%	
Dimethoate	<1.00 ug/L	NA	/	NA	NA	/	NA		NA	E-01, NS
Dimethylphthalate	<0.516 ug/L	93.5%	/	NA	84.5%	/	88.6%		4.69%	
Di-n-butylphthalate	<1.33 ug/L	89.7%	/	NA	86.7%	/	91.5%		5.33%	
Di-n-octylphthalate	<1.43 ug/L	92.7%	/	NA	89.4%	/	91.5%		2.35%	
Disulfoton	<0.300 ug/L	NA	/	NA	NA	/	NA		NA	NS
Ethyl Methanesulfonate	<0.343 ug/L	70.1%	/	NA	57.7%	/	50.2%		14.0%	
Famphur	<2.00 ug/L	NA	/	NA	NA	/	NA		NA	NS
Fluoranthene	<0.575 ug/L	90.7%	/	NA	87.4%	/	90.7%		3.65%	
Fluorene	<1.43 ug/L	93.3%	/	NA	81.0%	/	83.2%		2.61%	
Hexachlorobenzene	<1.27 ug/L	103%	/	NA	97.7%	/	100%		2.75%	E-01
Hexachlorobutadiene	<2.52 ug/L	54.2%	/	NA	41.6%	/	36.5%		13.0%	
Hexachlorocyclopentadiene	<2.71 ug/L	43.9%	/	NA	25.1%	/	23.2%		7.92%	J
Hexachloroethane	<0.958 ug/L	51.3%	/	NA	36.9%	/	34.7%		6.33%	
Hexachlorophene	<0.167 ug/L	NA	/	NA	NA	/	NA		NA	E21, E2-A, NS
Hexachloropropene	<0.100 ug/L	43.8%	/	NA	31.2%	/	27.3%		13.3%	
Indeno[1,2,3-cd]pyrene	<1.23 ug/L	98.5%	/	NA	98.2%	/	101%		2.34%	
Isodrin	<0.284 ug/L	87.7%	/	NA	85.0%	/	88.7%		4.26%	
Isophorone	<2.23 ug/L	70.1%	/	NA	57.8%	/	52.4%		9.65%	
Isosafrole	<0.216 ug/L	79.7%	/	NA	64.3%	/	56.5%		12.8%	
Kepone	<0.420 ug/L	8.46%	/	NA	21.9%	/	25.1%		13.9%	E21, E2-F, %D1, %D2, J
m-Dinitrobenzene	<0.359 ug/L	71.0%	/	NA	68.3%	/	72.3%		5.61%	
Methapyrilene	<3.00 ug/L	NA	/	NA	NA	/	NA		NA	E-01, E2-F, NS
Methyl Methanesulfonate	<0.147 ug/L	56.9%	/	NA	46.8%	/	40.0%		15.7%	E2-F
Methyl parathion	<0.230 ug/L	NA	/	NA	NA	/	NA		NA	NS
m-Nitroaniline	<0.308 ug/L	91.4%	/	NA	84.4%	/	87.9%		3.99%	
Nitrobenzene	<1.42 ug/L	73.4%	/	NA	57.2%	/	50.7%		12.1%	
N-Nitrosodiethylamine	<0.497 ug/L	73.2%	/	NA	57.7%	/	50.8%		12.7%	
N-Nitrosodimethylamine	<0.372 ug/L	49.5%	/	NA	39.1%	/	34.3%		13.3%	
N-Nitrosodi-n-butylamine	<0.331 ug/L	87.4%	/	NA	77.4%	/	71.6%		7.80%	
N-Nitroso-di-n-propylamine	<0.834 ug/L	85.7%	/	NA	67.3%	/	58.7%		13.7%	
N-Nitrosodiphenylamine/diphenylamine	<1.19 ug/L	90.5%	/	NA	84.4%	/	88.6%		4.77%	
N-Nitrosomethylethylamine	<0.244 ug/L	104%	/	NA	79.8%	/	67.6%		16.6%	E-01
N-Nitrosomorpholine	<1.00 ug/L	95.2%	/	NA	81.9%	/	69.8%		15.9%	

09 September 2024

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QUALITY CONTROL RESULTS

Semivolatiles -- Batch: B408578 (Water)

Prepared: 28-Aug-24 16:08 By: TB -- Analyzed: 30-Aug-24 11:42 By: TB

Analyte	BLK	LCS / LCSD		MS / MSD		Dup	RPD	Qualifiers
N-Nitrosopiperidine	<0.298 ug/L	112%	/ NA	93.6%	/ 80.1%		15.6%	E-01
N-Nitrosopyrrolidine	<1.00 ug/L	69.5%	/ NA	61.9%	/ 54.4%		13.1%	
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	89.5%	/ NA	86.0%	/ 89.9%		4.39%	
o-Toluidine	<0.196 ug/L	69.8%	/ NA	58.9%	/ 52.0%		12.4%	
Parathion	<0.224 ug/L	NA	/ NA	NA	/ NA		NA	E-01, NS
p-Dimethylaminoazobenzene	<0.259 ug/L	93.0%	/ NA	93.7%	/ 93.7%		0.0212%	
Pentachlorobenzene	<0.133 ug/L	93.3%	/ NA	78.0%	/ 79.9%		2.41%	
Pentachloroethane	<5.68 ug/L	42.9%	/ NA	32.0%	/ 28.1%		12.8%	J
Pentachloronitrobenzene	<0.258 ug/L	95.1%	/ NA	91.3%	/ 92.3%		1.00%	
Pentachlorophenol	<1.28 ug/L	90.8%	/ NA	89.9%	/ 91.0%		1.25%	
Phenacetin	<0.200 ug/L	102%	/ NA	104%	/ 107%		3.33%	
Phenanthrene	<0.572 ug/L	93.7%	/ NA	87.9%	/ 91.3%		3.87%	
Phenol	<0.348 ug/L	46.8%	/ NA	37.6%	/ 32.2%		15.3%	
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	96.3%	/ NA	95.6%	/ 96.9%		1.32%	
Pyrene	<0.489 ug/L	95.4%	/ NA	91.5%	/ 93.4%		2.08%	
Pyridine	<1.39 ug/L	39.8%	/ NA	30.0%	/ 29.1%		2.93%	
Safrole	<0.484 ug/L	73.0%	/ NA	59.3%	/ 57.1%		3.80%	
Sulfotep	<0.344 ug/L	NA	/ NA	NA	/ NA		NA	NS
sym-Trinitrobenzene	<1.00 ug/L	82.5%	/ NA	84.4%	/ 88.6%		4.80%	
2,4,6-Tribromophenol [surr]	84.5 %	103%	/ NA	98.8%	/ 100%		NA	
2-Fluorobiphenyl [surr]	75.9 %	87.8%	/ NA	68.7%	/ 63.7%		NA	
2-Fluorophenol [surr]	58.2 %	62.3%	/ NA	46.4%	/ 38.7%		NA	
Nitrobenzene-d5 [surr]	64.3 %	71.3%	/ NA	54.7%	/ 48.4%		NA	
Phenol-d5 [surr]	42.4 %	46.1%	/ NA	37.0%	/ 31.5%		NA	
Terphenyl-d14 [surr]	97.0 %	99.7%	/ NA	94.1%	/ 93.9%		NA	

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QUALITY CONTROL RESULTS

Volatiles -- Batch: B408584 (Water)

Prepared: 29-Aug-24 10:08 By: jb -- Analyzed: 29-Aug-24 15:28 By: Admin

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	<0.125 ug/L	95.6% / NA	86.1% / 88.6%		2.79%	
1,1,1-Trichloroethane	<0.261 ug/L	109% / NA	93.9% / 93.2%		0.699%	
1,1,2,2-Tetrachloroethane	<0.274 ug/L	95.1% / NA	108% / 111%		3.26%	
1,1,2-Trichloroethane	<0.210 ug/L	90.2% / NA	93.7% / 94.4%		0.674%	
1,1-Dichloroethane	<0.248 ug/L	111% / NA	100% / 96.9%		3.11%	
1,1-Dichloroethene	<0.303 ug/L	116% / NA	97.1% / 96.0%		1.14%	
1,2,3-Trichloropropane	<0.471 ug/L	93.1% / NA	99.8% / 101%		1.22%	
1,2-Dibromo-3-chloropropane	<0.784 ug/L	89.5% / NA	95.1% / 97.1%		2.14%	
1,2-Dibromoethane	<0.250 ug/L	94.1% / NA	98.0% / 101%		3.32%	
1,2-Dichlorobenzene	<0.173 ug/L	96.2% / NA	93.0% / 95.4%		2.57%	
1,2-Dichloroethane	<0.235 ug/L	96.4% / NA	95.8% / 97.9%		2.09%	
1,2-Dichloropropane	<0.259 ug/L	100% / NA	93.5% / 94.3%		0.857%	
1,3-Dichlorobenzene	<0.220 ug/L	99.1% / NA	92.7% / 91.7%		1.13%	
1,4-Dichlorobenzene	<0.158 ug/L	98.0% / NA	93.1% / 93.9%		0.862%	
2-Butanone	<0.461 ug/L	94.8% / NA	103% / 109%		5.78%	
2-Hexanone	<0.372 ug/L	86.8% / NA	94.4% / 102%		7.25%	
4-Methyl-2-pentanone	<0.281 ug/L	88.1% / NA	100% / 101%		1.27%	
Acetone	<1.49 ug/L	92.4% / NA	113% / 124%		9.37%	
Acetonitrile	<12.4 ug/L	102% / NA	131% / 128%		2.70%	
Acrolein	<1.00 ug/L	70.7% / NA	64.0% / 65.3%		2.03%	E21
Acrylonitrile	<0.389 ug/L	101% / NA	112% / 116%		4.16%	
Allyl chloride	<0.539 ug/L	105% / NA	112% / 116%		3.38%	
Benzene	<0.263 ug/L	110% / NA	97.5% / 97.2%		0.268%	
Bromodichloromethane	<0.195 ug/L	95.3% / NA	90.3% / 91.1%		0.929%	
Bromoform	<0.278 ug/L	89.2% / NA	88.1% / 93.0%		5.35%	
Bromomethane	<0.530 ug/L	122% / NA	105% / 106%		0.288%	E-01
Carbon disulfide	<0.300 ug/L	107% / NA	89.1% / 83.0%		7.08%	
Carbon Tetrachloride	<0.484 ug/L	109% / NA	91.6% / 88.4%		3.56%	
Chlorobenzene	<0.181 ug/L	99.2% / NA	93.0% / 91.1%		2.10%	
Chloroethane	<0.392 ug/L	109% / NA	93.1% / 88.3%		5.30%	
Chloroform	<0.244 ug/L	105% / NA	95.1% / 94.0%		1.11%	
Chloromethane	<0.155 ug/L	101% / NA	86.7% / 82.5%		5.05%	
Chloroprene	<1.00 ug/L	115% / NA	118% / 116%		2.29%	
cis-1,3-Dichloropropene	<0.123 ug/L	97.1% / NA	93.9% / 94.2%		0.335%	
Dibromochloromethane	<0.202 ug/L	90.3% / NA	87.4% / 90.6%		3.61%	
Dibromomethane	<0.174 ug/L	92.0% / NA	95.2% / 97.7%		2.59%	
Dichlorodifluoromethane	<0.266 ug/L	99.5% / NA	81.5% / 77.3%		5.24%	
Ethyl Methacrylate	<0.843 ug/L	98.1% / NA	111% / 109%		1.44%	
Ethylbenzene	<0.274 ug/L	103% / NA	91.9% / 89.3%		2.92%	
Iodomethane	<0.432 ug/L	130% / NA	115% / 115%		0.198%	E-01
Isobutyl alcohol	<1.68 ug/L	111% / NA	137% / 127%		8.86%	
m,p-Xylene	<0.500 ug/L	101% / NA	91.6% / 88.4%		3.57%	
Methacrylonitrile	<3.29 ug/L	106% / NA	129% / 129%		0.168%	
Methyl Methacrylate	<0.806 ug/L	106% / NA	124% / 123%		0.416%	
Methylene Chloride	<0.212 ug/L	105% / NA	96.4% / 98.9%		2.47%	
Naphthalene	<0.114 ug/L	87.5% / NA	93.1% / 98.0%		5.18%	
o-Xylene	<0.206 ug/L	100% / NA	92.0% / 89.7%		2.54%	
Propionitrile	<2.28 ug/L	106% / NA	MBI / MBI		1.86%	MBI

09 September 2024

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QUALITY CONTROL RESULTS

Volatiles -- Batch: B408584 (Water)
Prepared: 29-Aug-24 10:08 By: jb -- Analyzed: 29-Aug-24 15:28 By: Admin

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Styrene	<0.175 ug/L	99.5% / NA	90.9% / 91.0%		0.136%	
Tetrachloroethene	<0.268 ug/L	104% / NA	92.6% / 87.3%		5.98%	
Toluene	<0.295 ug/L	102% / NA	93.3% / 88.6%		5.10%	
trans-1,2-Dichloroethene	<0.320 ug/L	111% / NA	95.6% / 93.0%		2.85%	
trans-1,3-Dichloropropene	<0.155 ug/L	90.4% / NA	93.0% / 92.4%		0.608%	
trans-1,4-Dichloro-2-butene	<0.430 ug/L	99.6% / NA	106% / 104%		1.63%	
Trichloroethene	<0.306 ug/L	102% / NA	85.3% / 80.7%		5.54%	
Trichlorofluoromethane	<0.423 ug/L	112% / NA	92.0% / 88.1%		4.32%	
Vinyl acetate	<0.880 ug/L	73.3% / NA	131% / 136%		4.11%	E21
Vinyl chloride	<0.369 ug/L	118% / NA	92.6% / 88.7%		4.31%	
1,2-Dichloroethane-d4 [surr]	109 %	104% / NA	109% / 112%		NA	
4-Bromofluorobenzene [surr]	103 %	102% / NA	102% / 102%		NA	
Toluene-d8 [surr]	101 %	100% / NA	101% / 102%		NA	

Wet Chemistry -- Batch: B409001 (Water)
Prepared: 03-Sep-24 07:56 By: jb -- Analyzed: 03-Sep-24 14:49 By: jb

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Cyanide (total)	<0.002 mg/L	106% / 101%	94.0% / NA		4.83%	

Total Metals -- Batch: B409035 (Water)
Prepared: 04-Sep-24 09:42 By: ST -- Analyzed: 04-Sep-24 13:47 By: ST

Analyte	BLK	LCS / LCSD	MS / MSD	Dup	RPD	Qualifiers
Antimony	<0.343 ug/L	106% / NA	103% / 104%		0.531%	
Arsenic	<0.052 ug/L	102% / NA	104% / 104%		0.432%	
Barium	<0.078 ug/L	98.3% / NA	94.5% / 94.6%		0.0445%	
Beryllium	<0.074 ug/L	105% / NA	102% / 102%		0.152%	
Cadmium	<0.038 ug/L	102% / NA	97.3% / 96.9%		0.456%	
Chromium	<0.0751 ug/L	98.9% / NA	94.7% / 93.7%		1.04%	
Cobalt	<0.035 ug/L	102% / NA	102% / 103%		0.975%	
Copper	<0.149 ug/L	104% / NA	96.4% / 97.2%		0.351%	
Lead	<0.115 ug/L	104% / NA	94.2% / 94.7%		0.432%	
Nickel	<0.42 ug/L	104% / NA	99.7% / 99.8%		0.0879%	
Selenium	<1.50 ug/L	102% / NA	103% / 104%		0.955%	
Silver	<0.099 ug/L	103% / NA	98.6% / 99.5%		0.824%	
Thallium	<0.035 ug/L	104% / NA	94.2% / 94.8%		0.594%	
Tin	<1.62 ug/L	101% / NA	77.4% / 76.0%		1.70%	
Vanadium	<0.042 ug/L	98.6% / NA	96.6% / 96.5%		0.0474%	
Zinc	<4.89 ug/L	105% / NA	71.7% / 52.2%		1.02%	%D1

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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
*%D3:	Surrogate Percent Recovery Does Not Meet Laboratory Acceptance Criteria
*C:	Corrosive
*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.
*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
*J:	Detected but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
*MBI:	Masked By Interference
*NREC:	No Recovery
*NS:	Analyte was Not Spiked for in the QC (LCS, LCSD, MS, MSD).

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

Reviewed by: Norma James

Norma James
Technical Director

Arkansas Analytical Inc.
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
Veolia Gum Springs Facility	Quarterly Groundwater Samples	1 Day (100%)
500 East Reynolds Rd.	Appendix IX	2 Day (50%)
Arkadelphia, AR 71923	Reporting Information	3 Day (25%)
	Telephone: 870-245-2720	5 Day (Routine)
Attn: Cole Clark	Fax: 870-246-7344	Preservative Code:
	Email: SEE BELOW	Bottle Type:

Preservation Codes:
1. Cool, 6 Degrees Centigrade
2. Sulfuric Acid (H_2SO_4), pH < 2
3. Nitric Acid (HNO_3), pH < 2
4. Thiosulfate for Dechlorination
5. Hydrochloric Acid(HCl)
6. Sodium Hydroxide (NaOH), pH > 12

Sampler(s) Signature

Sampler(s) Printed: Fernando Ocampo

Field Number	SAMPLE COLLECTION Date/s	Time/s	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, 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)**	Arkansas Analytical Work Order Number:
	8-26-24	1003	X		12	Water	MW-8	1	1,6, Zn Acetate	1,6	1,5	1,3	1	1	1	1	
	8-26-24	1110	X	(2)	12	Water	MW-29/MS/MSD	P	P	P	GV	P	GA	GA	GA	GA	
	8-26-24	1230	X		12	Water	Leachate - 1	X	X	X	X	X	X	X	X	X	01
	8-26-24	1210	X		12	Water	Leachate - 2	X	X	X	X	X	X	X	X	X	02
	8-26-24	1250	X		12	Water	Leachate - 3-8	X	X	X	X	X	X	X	X	X	03
			X		12	Water		X	X	X	X	X	X	X	X	X	04
			X		12	Water		X	X	X	X	X	X	X	X	X	05
			X		12	Water											(2W)
	8-26-24	850	X		12	Water	Field Blank	X	X	X	X	X	X	X	X	X	06
	8-26-24	1315	X		3	Water	EQ Blank			(3W)	X	X					07
			X		3	Water	Trip Blank					X					

1. Relinquished by: (Signature)	Date/Time	2. Received by: (Signature)
	1431 8/26/24	
3. Relinquished by: (Signature)	Date/Time	4. Received by lab: (Signature)

SAMPLE CONDITION UPON RECEIPT IN LAB

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:	1 °C	5
6. TEMPERATURE GUN ID:	HHT#	

FOR COMPLETION BY LAB ONLY

REMARKS / SAMPLE COMMENTS

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

Arkansas Analytical Work Order Number: 2408580

Revision 3
1/4/16

APPENDIX C

Key to Parameter Abbreviations/Historical Database

Key to Parameter Abbreviations

PARAMETER	*NAME*
Acetone	Acetone
Acrytril	Acrylonitrile
Benzene	Benzene
BrClMe	Bromochloromethane
BrCl2Me	Bromodichloromethane
Bromoform	Bromoform
MeBromde	Bromomethane (Methylbromide)
MeEthKe	Methylethylketone (MEK) (2-Butanone)
CS2	Carbon Disulfide
CCl4	Carbon tetrachloride
ChlBenz	Chlorobenzene
ClEthane	Chloroethane
Chlorofm	Chloroform
MethylCl	Chloromethane (Methylchloride)
Br2ClMe	Dibromochloromethane (chlorodibromomethane)
DBCP	1,2-Dibromo-3-chloropropane
12DBrE	Ethylene dibromide or EDB or EDBr
DiBrMe	Dibromomethane
1,2-DCB	1,2-Dichlorobenzene
1,4-DCB	1,4-Dichlorobenzene
1,4DCL2B	1,4-Dichloro-2-butene
1,1DCE	1,1-Dichloroethane
1,1-DCEE	1,1-Dichloroethene (-ethylene)
CisDCEE	cis-1,2-Dichloroethene (-ethylene)
TranDCEE	trans-1,2-Dichloroethene (-ethylene)
1,2-DCP	1,2-Dichloropropane
CisDCPe	cis-1,3-Dichloropropene (-propylene)
TranDCPe	trans-1,3-Dichloropropene (-propylene)
EthBenz	Ethylbenzene
2Hexanone	2-Hexanone
IMethane	Iodomethane
MeCl	Dichloromethane (Methylene chloride)
4Me2Pone	4-Methyl-2-Pentanone
Styrene	Styrene
1112TClE	1,1,1,2-Tetrachloroethane
TetClEth	1,1,2,2-Tetrachloroethane
TetClEthy	Tetrachloroethene (-ethylene)
Toluene	Toluene
1,1,1Tri	1,1,1-Trichloroethane
1,1,2Tri	1,1,2-Trichloroethane
TCE	Trichloroethene (-ethylene)
TClFlMe	Trichlorofluoromethane
1,2,3TCP	1,2,3-Trichloropropane
VinylAce	Vinyl acetate
VC	Vinyl chloride
Xylene	Xylene

PARAMETER	*NAME*
Ammonia	Ammonia
Sb	Antimony
As	Arsenic
Ba	Barium
Be	Beryllium
CaCO3	Bicarbonate
Cd	Cadmium
Ca	Calcium
COD	Chemical Oxygen Demand
Chld	Chloride
Cr	Chromium
Co	Cobalt
Cond	Specific Conductance
Cu	Copper
Cyanide	Cyanide
Fe	Iron
Pb	Lead
Mg	Magnesium
Mn	Manganese
Hg	Mercury
Ni	Nickel
NO3	Nitrate
K	Potassium
Se	Selenium
Ag	Silver
Na	Sodium
SO4	Sulfate
Tl	Thallium
TDS	Total Dissolved Solids
TOC	Total Organic Carbon
V	Vanadium
Zn	Zinc

		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-1A	u																
	5/11/2020	<2	n/a	0.492	44	<2	n/a	0.047(J)	0.929	0.306	1.08	n/a	n/a	0.872	n/a	n/a	n/a
	8/4/2020	0.666(J)	n/a	0.562	31.5	<2	n/a	<1	0.73	0.0011	1.07	n/a	n/a	0.275	n/a	n/a	n/a
	11/3/2020	<2	n/a	0.333	34.8	<2	n/a	<1	0.777	0.00014	0.559	n/a	n/a	0.438	n/a	n/a	n/a
	2/23/2021	<2	n/a	0.443	31.3	<0.25	n/a	<0.25	0.669	0.154(J)	1.26	n/a	n/a	0.229(J)	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.307	28.4	<0.26	n/a	<0.26	0.571	0.168(J)	0.554	n/a	n/a	0.233(J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a	0.261	26.6	<0.26	n/a	0.054	0.387	0.403	0.585	n/a	n/a	0.229	n/a	n/a	<0.2
	11/9/2021	<2	n/a	0.323	28	<0.26	n/a	<0.26	0.555	0.12	0.442	n/a	n/a	0.138	n/a	n/a	<0.2
	3/3/2022	<2	n/a	0.807	36.7	0.093	n/a	<0.26	0.682	0.259	0.57	n/a	n/a	0.426	n/a	n/a	<0.2
	5/23/2022	0.891(J)	n/a	0.58	52.5	<0.260	n/a	<0.260	1.02	0.053(J)	0.319(J)	n/a	n/a	<0.260	n/a	n/a	<0.200
	8/25/2022	1.15	n/a	0.474	35.2	<0.260	n/a	<0.260	0.873	0.064	0.881	n/a	n/a	0.25	n/a	n/a	<0.200
	3/14/2023	0.551	n/a	0.824	58.5	<0.260	n/a	<0.260	0.577	0.076	0.448	n/a	n/a	0.11	n/a	n/a	<0.200
	8/15/2023	<2.08	n/a	0.329	30.9	<0.260	n/a	<0.260	0.708	0.202 (J)	0.799	n/a	n/a	0.224 (J)	n/a	n/a	<0.200
	3/6/2024	0.908	n/a	0.357	47.3	<0.260	n/a	<0.260	0.969	0.063	0.39	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/23/2024	1.45	n/a	0.584	62.1	<0.260	n/a	<0.260	1.86	0.038	0.33	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-2	u																
	12/23/1992	<3	n/a	6	56	<0.2	n/a	0.4	<50	<1	<20	3365	n/a	3	n/a	n/a	n/a
	1/28/1993	<3	n/a	2	31	<0.2	n/a	0.5	<50	<1	<20	3180	n/a	12	n/a	n/a	n/a
	2/18/1993	<3	n/a	<1	14	0.35	n/a	<0.1	<50	<1	<20	2690	n/a	10	n/a	n/a	n/a
	3/10/1993	<3	n/a	<1	17	<0.2	n/a	<0.1	<50	<1	<20	2780	n/a	5	n/a	n/a	n/a
	12/28/1993	<3	n/a	2	29	<0.2	n/a	<0.1	<50	<1	<20	2660	n/a	10	n/a	n/a	n/a
	3/29/1994	<3	n/a	2	25	<0.2	n/a	<0.1	<50	<1	<20	2400	n/a	13	n/a	n/a	n/a
	6/29/1994	<3	n/a	<2	28	<0.2	n/a	0.3	<50	<1	<20	2740	n/a	<1	n/a	n/a	n/a
	9/30/1994	<3	n/a	4	78	<0.2	n/a	2.5	<50	3	20	5080	n/a	23	n/a	n/a	n/a
	3/8/1995	<3	n/a	<1	30	0.02	n/a	<0.1	<50	3	<20	5720	n/a	4	n/a	n/a	n/a
	9/28/1995	<3	n/a	<1	43	0.2	n/a	<0.1	<50	3	<20	4360	n/a	14	n/a	n/a	n/a
	4/1/1996	<3	n/a	<1	30	0.3	n/a	<0.1	<50	3	<20	4110	n/a	2	n/a	n/a	n/a
	9/26/1996	<3	n/a	<1	35	<0.2	n/a	<0.1	<50	1	<20	4900	n/a	2	n/a	n/a	n/a
	3/20/1997	<3	n/a	<1	15	<0.2	n/a	<0.1	<80	1	<20	2740	n/a	<1	n/a	n/a	n/a
	8/28/1997	<3	n/a	<1	26	<0.2	n/a	<0.1	<80	2	<20	2960	n/a	<1	n/a	n/a	n/a
	3/25/1998	<3	n/a	<1	17	<0.2	n/a	<0.1	<80	<1	<30	2830	n/a	5	n/a	n/a	n/a
	9/21/1998	<3	n/a	<1	14	<0.2	n/a	<0.1	<80	<1	<30	3270	n/a	<1	n/a	n/a	n/a
	3/25/1999	<3	n/a	<1	34	<0.2	n/a	<0.1	<80	2	<30	3400	n/a	1	n/a	n/a	n/a
	9/29/1999	<3	n/a	<1	11	<0.2	n/a	<0.1	<80	<1	<30	1410	n/a	1	n/a	n/a	n/a
	3/21/2000	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<10	n/a	n/a	2	n/a	n/a	n/a
	9/21/2000	n/a	n/a	<1	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	3/29/2001	n/a	n/a	<1	10	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/31/2001	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/26/2002	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2004	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/9/2005	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/21/2006	n/a	n/a	<1	11	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	12	0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	12	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	2/8/2008	n/a	n/a	<1	13	0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/14/2008	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	2	n/a	n/a	n/a
	2/11/2009	n/a	n/a	<1	14	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1	13	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/14/2012	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/15/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/6/2013	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/18/2014	n/a	n/a	<1.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/20/2014	n/a	n/a	<0.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/11/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/27/2015	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/9/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/22/2016	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/6/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	9/16/2019	<2	26.2	<2	7.55	<2	32100	<1	<2	<2	1.48	394	2400	<2	2860	140	n/a
	11/13/2019	<2	n/a	0.691	24.3	0.092	n/a	<1	11.6	0.933	1.54	n/a	n/a	1.34	n/a	n/a	n/a
	2/25/2020	<2	n/a	0.546	18.1	<2	n/a	<1	6.08	0.595	1.02	n/a	n/a	0.857	n/a	n/a	n/a
	5/11/2020	<2	n/a	0.13(J)	17.5	<2	n/a	<1	1.48	0.000118(J	0.3(J)	n/a	n/a	0.234(J)	n/a	n/a	2.5E-05(J)
	8/4/2020	<2	n/a	0.119(J)	17.3	<2	n/a	<1	0.781(J)	8.9E-05(J)	0.235(J)	n/a	n/a	0.177(J)	n/a	n/a	n/a
	11/3/2020	<2	n/a	<2	16.2	<2	n/a	<1	0.416	<2	<20	n/a	n/a	0.096	n/a	n/a	n/a
	2/23/2021	<2	n/a	<0.25	16.4	<0.25	n/a	<0.25	0.605	0.047(J)	0.205(J)	n/a	n/a	<0.25	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.075(J)	16.7	<0.26	n/a	<0.26	0.656	0.092(J)	0.292(J)	n/a	n/a	0.113(J)	n/a	n/a	<0.2
	8/24/2021	<2	n/a	0.057	17.6	<0.26	n/a	<0.26	0.707	0.073	0.215	n/a	n/a	0.335	n/a	n/a	0.0175
	11/9/2021	<2	n/a	0.097	19.8	<0.26	n/a	<0.26	2.24	0.129	0.262	n/a	n/a	0.152	n/a	n/a	<0.2
	3/3/2022	<2	n/a	0.064	18.1	<0.26	n/a	<0.26	0.8	0.087	0.133	n/a	n/a	<0.26	n/a	n/a	<0.2
	5/23/2022	0.343(J)	n/a	0.099(J)	19.6	<0.260	n/a	<0.260	1.61	0.153(J)	9.91	n/a	n/a	0.161(J)	n/a	n/a	<0.200
	8/25/2022	<2.08	n/a	<0.260	21.1	<0.260	n/a	<0.260	0.932	0.123	0.171	n/a	n/a	0.092	n/a	n/a	<0.200
	3/14/2023	1.72(J)	n/a	0.101	20.3	<0.260	n/a	<0.260	2.26	0.19	0.185	n/a	n/a	0.147	n/a	n/a	<0.200
	8/15/2023	1.55 J	n/a	0.080 J	19.2	<0.260	n/a	<0.260	1.92	0.236 J	0.274 J	n/a	n/a	<0.416	n/a	n/a	<0.200
	3/6/2024	0.975	n/a	<0.260	18	<0.260	n/a	0.085	0.377	0.513	0.284	n/a	n/a	<0.416	n/a	n/a	<0.200
	8/23/2024	0.442	n/a	0.291	23.1	<0.260	n/a	<0.260	3.43	0.568	0.635	0.497	n/a	0.497	n/a	n/a	<0.200

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-1A	u																	
	5/11/2020	0.78	<2	<2	n/a	<2	<2	0.905	7.57(J)	259	n/a	<5	<50	n/a	n/a	6.92	2570	2.07
	8/4/2020	0.58	<2	<2	n/a	<2	<2	6.12	8.93(J)	308	n/a	<5	<50	n/a	n/a	7.26	1383	4.87
	11/3/2020	<40	<2	<2	n/a	<2	<2	0.669	<10	308	n/a	<5	<50	n/a	n/a	6.77	2490	3.11
	2/23/2021	0.52	<5	<0.3	n/a	<0.25	<20	0.824	<20	306	n/a	<5	<150	n/a	n/a	7.06	3060	1.5
	5/12/2021	3.2	<5.2	<0.312	n/a	<0.26	<20.8	0.693	8.02(J)	324	n/a	<5	<150	n/a	n/a	7.16	1299	1.41
	8/24/2021	0.71	<5	<0.3	n/a	<0.26	<20	0.381	8.56	272	n/a	<5	<150	n/a	n/a	8.31	1299	1.06
	11/9/2021	0.75	<5	<0.3	n/a	<0.26	<20	0.727	<20.8	497	n/a	<5	<150	n/a	n/a	7.15	2920	1.06
	3/3/2022	1.21	<5	0.202	n/a	<0.26	<20	1.37	6.1	417	n/a	<5	<150	n/a	n/a	7.03	2610	7.21
	5/23/2022	0.35(J)	<5.20	<0.312	n/a	<0.260	<20.8	1.26	<20.8	498	n/a	<5	<150	n/a	n/a	7.1	2860	4.11
	8/25/2022	0.55	<5.20	<0.312	n/a	<0.260	<20.8	1.04	<20.8	430	n/a	<5	<150	n/a	n/a	7.46	1785	12.6
	3/14/2023	0.48	<5.20	<0.312	n/a	<0.260	<20.8	1.98	<20.8	499	n/a	<5	<150	n/a	n/a	7.22	2090	2.59
	8/15/2023	0.76	<5.20	<0.312	n/a	<0.260	<20.8	0.948	<20.8	432	n/a	<5	<150	n/a	n/a	6.42	2510	7.23
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	1.02	<20.8	435	n/a	<5	26	n/a	n/a	6.6	3300	2.67
	8/23/2024	<1.56	<5.20	<0.312	n/a	<0.260	<20.8	1.31	<20.8	466	n/a	<5	<150	n/a	n/a	8.47	1541	3.45
MW-2	u																	
	12/23/1992	<40	<2	<0.2	n/a	<1	n/a	<4	<10	290	14400	<5	n/a	29800	231000	6.69	308	26.7
	1/28/1993	<40	<2	2.4	n/a	<1	n/a	<4	<10	290	11100	<5	n/a	44200	217000	6.85	303	17.8
	2/18/1993	<40	<2	<0.2	n/a	<1	n/a	<4	50	270	9200	<5	n/a	38400	226000	6.76	289	9.8
	3/10/1993	<40	<2	0.5	n/a	<1	n/a	8	<10	230	14100	<5	n/a	52200	196000	6.6	334	6.7
	12/28/1993	<40	<2	<0.2	n/a	<1	n/a	6	<10	220	23100	<5	n/a	35100	209000	6.53	267	4.2
	3/29/1994	<40	2	<1	n/a	<1	n/a	4	<10	270	10000	<5	n/a	36000	212000	7.08	264	7
	6/29/1994	<40	<2	1.8	n/a	<1	n/a	<4	<10	120	9500	<5	n/a	33400	225000	6.74	264	43
	9/30/1994	<40	<2	6	n/a	<1	n/a	5	60	50	14000	<5	n/a	35000	220000	6.8	254	15.2
	3/8/1995	<30	<2	2.7	n/a	<1	n/a	10	30	300	10000	<5	n/a	33000	228000	6.11	262	25
	9/28/1995	<30	<2	4	n/a	<1	n/a	14	<10	170	9500	<5	n/a	41700	220000	6.37	256	17.2
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	250	12500	<5	n/a	35700	209000	6.43	252	15.3
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	40	160	10800	<5	n/a	29200	213000	6.46	250	18.3
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	30	300	12500	<5	n/a	28000	198000	6.34	246	6.2
	8/28/1997	<40	<2	<2	n/a	<1	n/a	5	60	280	11100	<5	n/a	31100	176000	6.22	246	9.43
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	210	11200	<5	n/a	25700	250000	6.23	244	6.73
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	290	11000	<5	n/a	24700	215000	5.6	241	15.9
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	160	10700	<5	n/a	25300	198000	5.92	230	41.2
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	220	10600	<20	n/a	23200	203000	6.28	176	15.9
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<20	n/a	n/a	n/a	6.46	229	6.79
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	242	n/a	<20	n/a	n/a	n/a	6.49	258	6.02
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	160	n/a	<20	n/a	n/a	n/a	5.91	247	9.11
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	6.51	248	4.65
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.28	238	8.95
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	170	n/a	<5	n/a	n/a	n/a	6.47	237	6.25
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	330	n/a	<5	n/a	n/a	n/a	6.28	245	4.55
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	11	280	n/a	<5	n/a	n/a	n/a	6.25	241	5.9
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	250	n/a	<5	n/a	n/a	n/a	6.21	234	13.3
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.58	224	7.93
	2/25/2005	n/a	2	<2	n/a	n/a	n/a	n/a	<10	271	n/a	<5	n/a	n/a	n/a	7.22	235	8.7
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	269	n/a	<5	n/a	n/a	n/a	6.29	244	7.01
	2/21/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	360	n/a	<5	n/a	n/a	n/a	6.51	225	2.43
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	291	n/a	<5	n/a	n/a	n/a	6.27	169.4	4.94
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	279	n/a	<5	n/a	n/a	n/a	6.19	241	1.37
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	237	n/a	<5	n/a	n/a	n/a	6.33	231	1.23
	2/8/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<2	n/a	n/a	n/a	6.37	205	1.52
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	253	n/a	<5	n/a	n/a	n/a	6.33	191.1	7.58
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	251	n/a	<5	n/a	n/a	n/a	6.21	233	9.8
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	208	n/a	<5	n/a	n/a	n/a	5.46	238	4.76
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	213	n/a	<5	n/a	n/a	n/a	6.32	235	1.24
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	241	n/a	<5	n/a	n/a	n/a	6.1	129	2.29
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	420	n/a	<2	n/a	n/a	n/a	5.86	221	0.79
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	223	n/a	<2	n/a	n/a	n/a	6.16	229	3.89
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	301	n/a	<2	n/a	n/a	n/a	6.09	232	11.9
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	259	n/a	<2	n/a	n/a	n/a	6.32	248	46.2
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	287	n/a	<5	n/a	n/a	n/a	6.48	164.8	4.73
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	284	n/a	<5	n/a	n/a	n/a	6.04	271	1.19
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	257	n/a	<5	n/a	n/a	n/a	6.3	261	0.84
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	341	n/a	<5	n/a	n/a	n/a	5.87	276	17.6
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	223	n/a	<5	n/a	n/a	n/a	6.46	262	7.16
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	170	n/a	<5	n/a	n/a	n/a	6.23	170	6.11
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	202	n/a	<5	n/a	n/a	n/a	6.37	261	1.07
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	225	n/a	<5	n/a	n/a	n/a	6.35	249	2.25
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	212	n/a	<5	n/a	n/a	n/a	5.02	267	2.37
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	278	n/a	<5	n/a	n/a	n/a	6.32	260	4.96
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	309	n/a	<5	n/a	n/a	n/a	6.33	253	3.92
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	220	n/a	<5	n/a	n/a	n/a	6.29	274	0.62
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	198	n/a	<5	n/a	n/a	n/a	6.24	284	8.85
	9/16/2019	2.03	<2	<2	14800	<2	<2	0.369	2.68	249	n/a	<5	<50	n/a	n/a	6.26	282	5.11
	11/13/2019	9.71	1.08	0.067	n/a	<2	0.769	5.42	8.77	192	n/a	<5	<50	n/a	n/a	6.41	288	6.63
	2/25/2020	6.43	0.653	<2	n/a	<2	<2	2.68	18.7	191	n/a	<5	<50	n/a	n/a	6.31	295	6.94
	5/11/2020	0.77	0.653	<2	n/a	<2	<2	0.656	27.8	208	n/a	<5	<50	n/a	n/a	6.16	293	2.11
	8/4/2020	0.59	n/a	n/a	n/a	<2	<2	0.275	<10	257	n/a	<5	<50	n/a	n/a	6.24	274	3.44
	11/3/2020	0.41	n/a	n/a	n/a	<2	<2	0.044	5.61	262	n/a	<5	<50	n/a	n/a	6.24	301	0.77
	2/23/2021	0.46(J)	<5	<0.3	n/a	<0.25	<20	<0.082(J)	<20	243(J)	n/a	<5	<150	n/a	n/a	6.47	327	1.13
	5/12/2021	1.06	<5.2	<0.312	n/a	<0.26	<20.8	0.223(J)	<20.8	245	n/a	<5	<150	n/a	n/a	6.29	271	1.26
	8/24/2021	0.54	<5.2	<0.312	n/a	<0.26	<20	0.208	11.6	227	n/a	<5	<150	n/a	n/a	6.39	189.4	0.96
	11/9/2021	1.54	<5.2	<0.312	n/a	<0.26	<20	0.385	<20.8	372	n/a	<5	<150	n/a	n/a	6.25	329	1.11
	3/3/2022	0.71	<5.2	<0.312	n/a	<0.26	<20	0.103	<20.8	298	n/a	<5	<150	n/a	n/a	6.33	314	1.18
	5/23/2022	1.24	<5.20	0.12(J)	n/a	<0.260	<20.8	0.232(J)	<20.8	343	n/a	<5	<150	n/a	n/a	6.35	295	1.11
	8/25/2022	0.92	<5.20	<0.312	n/a	<0.260	<20.8	0.285	<20.8	287	n/a	<5	<150	n/a	n/a	6.35	184	7.52
	3/14/2023	1.79	<5.20	0.112	n/a	0.058	<20.8	0.228	<20.8	298	n/a	<5	<150	n/a	n/a	6.43	381	4.02
	8/15/2023	1.71	<5.20	0.218 J	n/a	<0.260	<20.8	0.200 J	<20.8	330	n/a	<5	<150	n/a	n/a	5.82	278	7.46
	3/6/2024	0.51	<5.20	0.218 J	n/a	<0.260	1.68	0.05	5.79	263	n/a	<5	<150	n/a	n/a	5.84	520	5.55
	8/23/2024	3.28	<5.20	0.178	n/a	<0.260	<0.260	0.904	8.28	289	n/a	<5	<150	n/a	n/a	6.2	352	26.7

		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-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	<.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	<.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	<.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	<.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	<.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	<.260	n/a	<0.260	0.317	0.374	<0.520	n/a	n/a	<0.416	n/a	n/a	<0.200
MW-4S	d																
	5/11/2020	<2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/4/2020	<2	n/a	0.221(J)	15.1	<2	n/a	<1	0.601	0.00185	0.225(J)	n/a	n/a	<1	n/a	n/a	n/a
	2/23/2021	<2	n/a	0.113(J)	14.6	<0.25	n/a	0.086(J)	0.591	0.043(J)	1.21	n/a	n/a	<0.25	n/a	n/a	<0.2
	5/12/2021	<2	n/a	0.144(J)	14.4	<0.26	n/a	<0.26	0.316	0.063(J)	0.288(J)	n/a	n/a	<0.26	n/a	n/a	<0.2
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	11/28/2022	0.821 J	n/a	0.148 J	16.1	n/a	n/a	0.039 J	0.489	n/a	0.239	n/a	n/a	0.272	n/a	n/a	n/a
	3/14/2023	<2.08	n/a	0.124	14.7	0.082	n/a	<0.26	0.463	n/a	0.152	n/a	n/a	0.099	n/a	n/a	n/a
	11/17/2023	<2.08	n/a	0.158	15.5	<0.260	n/a	<0.260	1.59	0.071	0.679	n/a	n/a	<0.416	n/a	n/a	n/a
	6/28/2024	<2.08	n/a	0.171	13.2	<0.260	n/a	0.04	0.893	0.079	2.41	n/a	n/a	0.14	n/a	n/a	n/a
	8/23/2024	<2.08	n/a	0.135	14.9	<0.260	n/a	<0.260	0.569	0.045	0.18	n/a	n/a	<0.416	n/a	n/a	n/a

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-4	d																	
	6/29/1994	<40	<2	0.9	n/a	<1	n/a	<4	<10	130	11200	<5	n/a	27200	236000	6.87	320	24.1
	6/29/1994	<40	<2	0.9	n/a	<1	n/a	<4	<10	130	11200	<5	n/a	27200	236000	6.91	319	27.5
	6/29/1994	<40	<2	0.9	n/a	<1	n/a	<4	<10	140	10300	<5	n/a	28400	240000	6.99	322	31
	6/29/1994	<40	<2	0.8	n/a	<1	n/a	<4	<10	130	10300	<5	n/a	29400	243000	6.94	326	30.2
	9/30/1994	<40	<2	1	n/a	<1	n/a	6	<10	100	12000	<5	n/a	35000	245000	6.88	339	26
	3/8/1995	<30	<2	2.8	n/a	<1	n/a	7	10	400	19000	<5	n/a	48000	369000	6.96	540	29
	9/28/1995	<30	<2	<2	n/a	<1	n/a	16	<10	230	19000	<5	n/a	67800	340000	6.71	508	34
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	290	14600	<5	n/a	31800	229000	6.75	321	5.95
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	10	<100	18400	<5	n/a	40900	268000	7.41	562	45.6
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	50	310	16700	<5	n/a	24200	244000	6.66	336	4.6
	8/28/1997	<40	<2	<2	n/a	<1	n/a	<4	10	280	13100	<5	n/a	34300	234000	6.36	360	5.34
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	210	14400	<5	n/a	30300	306000	6.62	355	5.28
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	240	14500	<5	n/a	39400	282000	5.94	380	8.61
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	140	13800	<5	n/a	40100	269000	6.05	323	5.81
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	200	15500	<20	n/a	43400	287000	6.66	247	9.65
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<20	n/a	n/a	n/a	6.83	336	9.66
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	250	n/a	<20	n/a	n/a	n/a	6.8	403	4.68
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	150	n/a	<20	n/a	n/a	n/a	6.37	411	7.45
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	6.77	426	3.11
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.48	412	7.9
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	160	n/a	<5	n/a	n/a	n/a	6.67	417	2.19
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	440	n/a	<5	n/a	n/a	n/a	6.48	408	2.6
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<5	n/a	n/a	n/a	6.55	446	5.35
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.5	443	9.4
	8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	370	n/a	<5	n/a	n/a	n/a	6.56	437	4.69
	2/25/2005	n/a	2.3	<2	n/a	n/a	n/a	n/a	<10	258	n/a	<5	n/a	n/a	n/a	7.08	462	12.07
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	10	253	n/a	<5	n/a	n/a	n/a	6.52	470	5.96
	2/23/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.89	455	4.21
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	253	n/a	<5	n/a	n/a	n/a	6.63	336	1.82
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	249	n/a	<5	n/a	n/a	n/a	6.43	477	0.049
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	222	n/a	<5	n/a	n/a	n/a	6.61	455	1.45
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.58	407	1.61
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	259	n/a	<5	n/a	n/a	n/a	6.5	337	3.91
	2/11/2009	n/a	<2	2	n/a	n/a	n/a	n/a	<10	231	n/a	<5	n/a	n/a	n/a	6.62	469	3.89
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	197	n/a	<5	n/a	n/a	n/a	5.62	466	4.52
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	188	n/a	<5	n/a	n/a	n/a	6.42	459	3.12
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	229	n/a	<5	n/a	n/a	n/a	6.31	410	2.19
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	350	n/a	<2	n/a	n/a	n/a	6.34	400	2.34
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	206	n/a	<2	n/a	n/a	n/a	6.65	526	2.01
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	292	n/a	<2	n/a	n/a	n/a	6.31	445	1.41
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	235	n/a	<2	n/a	n/a	n/a	6.58	462	2.21
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	201	n/a	<5	n/a	n/a	n/a	6.9	331	3.25
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	281	n/a	<5	n/a	n/a	n/a	6.42	501	2.55
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	233	n/a	<5	n/a	n/a	n/a	6.63	488	4.55
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	214	n/a	<5	n/a	n/a	n/a	5.98	493	3.74
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	221	n/a	<5	n/a	n/a	n/a	6.87	485	2.81
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	168	n/a	<5	n/a	n/a	n/a	6.49	326	2.33
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	181	n/a	<5	n/a	n/a	n/a	6.76	478	1.87
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	233	n/a	<5	n/a	n/a	n/a	6.73	531	1.77
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	225	n/a	<5	n/a	n/a	n/a	6.52	541	1.66
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	320	n/a	<5	n/a	n/a	n/a	6.72	502	1.71
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	314	n/a	<5	n/a	n/a	n/a	6.82	458	0.62
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	222	n/a	<5	n/a	n/a	n/a	6.7	478	0.58
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	200	n/a	<5	n/a	n/a	n/a	6.83	462	0.38
	9/16/2019	0.359	<2	<2	23900	<2	<2	0.218	3.08	260	n/a	<5	<50	n/a	n/a	6.72	442	0.47
	11/13/2019	0.24	<2	0.101	n/a	<2	<2	<4	<10	176	n/a	<5	<50	n/a	n/a	6.79	492	0.25
	2/25/2020	0.27	<2	<2	n/a	<2	<2	0.048	10.1	195	n/a	<5	<50	n/a	n/a	6.8	472	0.69
	5/11/2020	0.33	<2	<2	n/a	<2	<2	0.069	10.1	213	n/a	<5	<50	n/a	n/a	6.78	478	0.68
	8/4/2020	<40	<2	<2	n/a	<2	<2	0.062(J)	<10	259	n/a	<5	<50	n/a	n/a	6.77	403	1.5
	11/3/2020	0.55	<2	<2	n/a	<2	<2	<4	<10	264	n/a	<5	<50	n/a	n/a	6.63	461	0.71
	2/23/2021	0.35	<5	<0.3	n/a	<0.25	<20	0.046(J)	<20	245	n/a	<5	<150	n/a	n/a	6.79	507	1.87
	5/12/2021	0.55	<5.2	<0.312	n/a	<0.26	<20.8	0.054(J)	6.66(J)	235	n/a	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	na	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	na	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	na	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	na	n/a	6.77	435	1.78
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	1.72	<0.260	4.91	304	n/a	3	<150	na	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	na	n/a	6.74	531	2.11
MW-4S	d																	
	5/11/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	473	n/a	n/a	<50	n/a	n/a	7.3	3.42	0.71
	8/4/2020	0.61	7.68	<2	n/a	<2	<2	3.94	<10	502	n/a	<5	<50	n/a	n/a	7.09	2210	2.11
	2/23/2021	0.56	8.8	<0.3	n/a	<0.25	<20	0.223(J)	<20	445	n/a	<5	<150	n/a	n/a	7.15	2010	0.52
	5/12/2021	5.49	8.74	<0.312	n/a	<0.26	<20.8	0.282	<20.8	495	n/a	<5	<150	n/a	n/a	7.03	1852	0.64
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.88	3460	0.74
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	7.03	3240	1.32
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.85	2720	0.97
	11/28/2022	0.42 J	n/a	n/a	n/a	n/a	n/a	0.281	n/a	546	n/a	n/a	n/a	n/a	n/a	7.11	2420	n/a
	3/14/2023	0.51	10.3	n/a	n/a	n/a	n/a	0.246	n/a	583	n/a	4	n/a	n/a	n/a	7.16	3090	8.14
	11/17/2023	1.5	11	n/a	n/a	n/a	n/a	0.269	n/a	n/a	n/a	<5	n/a	n/a	n/a	n/a	2740	3.9
	6/28/2024	1.02	9.82	n/a	n/a	n/a	n/a	0.256	6.31	583	n/a	<5	n/a	n/a	n/a	6.93	2970	61.9
	8/23/2024	0.64	9.43	n/a	n/a	n/a	n/a	0.23	<20.8	588	n/a	<5	n/a	n/a	n/a	6.8	2420	4.99

		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
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

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-6	d																	
	12/23/1992	<40	<2	<0.2	n/a	<1	n/a	<4	60	440	16100	<5	n/a	32900	252000	7.11	382	15
	1/28/1993	<40	<2	0.7	n/a	<1	n/a	<4	30	510	21100	<5	n/a	33300	239000	7.08	417	8.8
	2/18/1993	<40	<2	<0.2	n/a	<1	n/a	<4	<10	330	13400	<5	n/a	24800	228000	7	315	22.9
	3/10/1993	<40	<2	0.5	n/a	<1	n/a	17	<10	340	9400	<5	n/a	21800	201000	6.83	354	44.3
	12/28/1993	<40	<2	<0.2	n/a	<1	n/a	8	100	280	23100	<5	n/a	23200	218000	6.86	304	12.1
	3/29/1994	<40	<2	1.4	n/a	<1	n/a	7	<10	350	8000	<5	n/a	27000	222000	7.43	308	30.4
	6/29/1994	<40	<2	0.6	n/a	<1	n/a	<4	<10	130	8600	<5	n/a	28200	233000	6.88	308	25.2
	9/30/1994	<40	<2	0.3	n/a	<1	n/a	<4	30	250	14000	<5	n/a	27000	253000	6.94	364	15.5
	3/8/1995	<30	<2	1.5	n/a	<1	n/a	2	<10	500	25000	<5	n/a	90000	368000	6.6	532	13
	9/28/1995	<30	<2	<2	n/a	<1	n/a	<2	<10	440	20100	<5	n/a	55600	285000	6.72	449	11.5
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	240	9400	<5	n/a	37100	225000	6.76	306	1.78
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	420	18400	<5	n/a	33400	272000	6.76	417	21.8
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	30	290	10400	<5	n/a	22100	216000	6.52	306	2.3
	8/28/1997	<40	<2	<2	n/a	<1	n/a	<4	20	330	8060	<5	n/a	38900	242000	6.32	341	6.76
	3/25/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	240	10300	<5	n/a	25300	275000	6.49	313	3.45
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	300	12300	<5	n/a	53200	251000	6.09	390	4.22
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	270	9520	<5	n/a	43400	267000	6.12	325	5.94
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	240	9000	<20	n/a	21000	229000	6.63	213	17.8
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<20	n/a	n/a	n/a	6.59	476	5.78
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	272	n/a	<20	n/a	n/a	n/a	6.74	328	8.24
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	190	n/a	<20	n/a	n/a	n/a	6.3	538	5.06
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	220	n/a	<20	n/a	n/a	n/a	6.72	307	4.44
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	280	n/a	<5	n/a	n/a	n/a	6.49	382	5.41
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	180	n/a	<5	n/a	n/a	n/a	6.71	316	6.1
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	490	n/a	<5	n/a	n/a	n/a	6.51	353	4.62
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	320	n/a	<5	n/a	n/a	n/a	6.56	334	7.64
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.46	351	4.02
	8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	340	n/a	<5	n/a	n/a	n/a	6.64	314	4.91
	2/25/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	344	n/a	<5	n/a	n/a	n/a	7.11	336	2.26
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	301	n/a	<5	n/a	n/a	n/a	6.54	342	10.8
	2/23/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	390	n/a	<5	n/a	n/a	n/a	6.91	305	1.05
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	369	n/a	<5	n/a	n/a	n/a	6.65	252	3.19
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	324	n/a	<5	n/a	n/a	n/a	6.51	356	0.83
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	296	n/a	<5	n/a	n/a	n/a	6.62	332	1.96
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.62	298	2.25
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	320	n/a	<5	n/a	n/a	n/a	6.58	291	1.87
	2/11/2009	n/a	<2	2	n/a	n/a	n/a	n/a	<10	312	n/a	<5	n/a	n/a	n/a	6.63	344	3.61
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	275	n/a	<5	n/a	n/a	n/a	5.63	354	4.98
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	261	n/a	<5	n/a	n/a	n/a	6.52	379	4.38
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	303	n/a	<5	n/a	n/a	n/a	6.39	342	4.98
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	380	n/a	<2	n/a	n/a	n/a	6.29	515	3.35
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	307	n/a	<2	n/a	n/a	n/a	6.62	569	4.57
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	387	n/a	<2	n/a	n/a	n/a	6.37	600	1.74
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	307	n/a	<2	n/a	n/a	n/a	6.58	363	4.9
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	311	n/a	<5	n/a	n/a	n/a	7.03	380	3.09
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	353	n/a	<5	n/a	n/a	n/a	6.45	513	6.85
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	361	n/a	<5	n/a	n/a	n/a	6.73	522	2.29
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	277	n/a	8	n/a	n/a	n/a	5.94	476	7.93
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	299	n/a	<5	n/a	n/a	n/a	6.7	498	0.95
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	236	n/a	<5	n/a	n/a	n/a	6.53	321	1.19
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	273	n/a	<5	n/a	n/a	n/a	6.67	493	0.4
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	338	n/a	<5	n/a	n/a	n/a	6.71	530	4.02
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	334	n/a	<5	n/a	n/a	n/a	6.36	635	4.33
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	416	n/a	<5	n/a	n/a	n/a	6.63	564	3.88
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	465	n/a	<5	n/a	n/a	n/a	6.72	501	1.68
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	371	n/a	<5	n/a	n/a	n/a	6.6	627	1.72
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	326	n/a	<5	n/a	n/a	n/a	6.65	548	2.57
	9/16/2019	1.37	<2	<2	21300	<2	0.36	0.192	2.61	371	n/a	<5	<50	n/a	n/a	6.4	475	1.61
	11/13/2019	1	<2	<2	n/a	<2	<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
MW-6S	d																	
	5/11/2020	2.35	2.98(J)	<2	n/a	<2	<2	0.195(J)	8.9	218	n/a	<5	1070	n/a	n/a	6.75	1596	3.71
	2/23/2021	1.51	6.13	<0.3	n/a	<0.25	<20	0.231(J)	27.2	295	n/a	<5	<150	n/a	n/a	7.24	1608	0.56
	5/12/2021	2.88	5.56	<0.312	n/a	<0.26	<20.8	0.278	<20.8	258	n/a	<5	<150	n/a	n/a	7.06	1007	0.55
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.67	2020	0.71
	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	6.64	1892	13.4
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	6.56	1771	1.11
	11/28/2022	1.78	5.84	n/a	n/a	n/a	n/a	0.836	4.90 J	n/a	n/a	n/a	n/a	n/a	n/a	6.79	1314	6.77
	11/17/2023	0.68	7.13	n/a	n/a	n/a	n/a	5.08	24.2	n/a	n/a	n/a	n/a	n/a	n/a	6.7	1243	22.6
	6/28/2024	17.1	7.8	n/a	n/a	0.057	n/a	16.6	219	432	n/a	<5	n/a	n/a	n/a	6.57	1597	>1000
	8/23/2024	1.73	6.93	n/a	n/a	<0.260	n/a	0.407	<20.8	343	n/a	<5	n/a	n/a	n/a	6.58	1490	6.22

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

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-8	d																	
	12/23/1992	<40	<2	<0.2	n/a	<1	n/a	4	80	490	21200	<5	n/a	32000	300000	7.38	465	19.6
	1/28/1993	<40	<2	<0.2	n/a	<1	n/a	<4	90	460	24600	<5	n/a	39200	308000	7.24	532	11.5
	2/18/1993	<40	<2	<0.2	n/a	<1	n/a	7	60	400	17600	<5	n/a	50000	267000	6.88	447	21.2
	3/10/1993	<40	<2	0.5	n/a	<1	n/a	12	20	390	14100	<5	n/a	35100	226000	6.82	454	41.2
	12/28/1993	<40	<2	<0.2	n/a	<1	n/a	14	40	340	25100	<5	n/a	38500	262000	6.74	403	20.6
	3/29/1994	<40	<2	1.2	n/a	<1	n/a	9	<10	430	14000	<5	n/a	37000	262000	7.43	390	30.1
	6/29/1994	<40	<2	0.7	n/a	<1	n/a	<4	<10	180	16400	<5	n/a	35900	264000	6.74	394	11.6
	9/30/1994	<40	<2	<0.2	n/a	<1	n/a	<4	50	220	20000	<5	n/a	47000	319000	7.04	485	9
	3/8/1995	<30	<2	2.4	n/a	<1	n/a	5	<10	400	36000	<5	n/a	171000	584000	6.58	836	12
	9/28/1995	<30	4	<2	n/a	<1	n/a	8	<10	340	43300	<5	n/a	234000	668000	6.67	977	27
	4/1/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	360	31300	<5	n/a	160000	447000	6.65	658	2.03
	9/26/1996	<50	<2	<2	n/a	<1	n/a	<2	<10	400	51900	<5	n/a	146000	608000	6.7	1048	38.3
	3/20/1997	<40	<2	<2	n/a	<1	n/a	<4	<10	440	31300	<5	n/a	128000	443000	6.56	669	4.8
	8/28/1997	<40	<2	<2	n/a	<1	n/a	11	20	400	45400	<5	n/a	292000	730000	6.35	1059	4.23
	3/25/1998	<40	<2	<2	n/a	<1	n/a	6	<10	240	39400	<5	n/a	171000	667000	6.57	818	3.64
	9/21/1998	<40	<2	<2	n/a	<1	n/a	<4	<10	360	27200	<5	n/a	95900	420000	6.13	589	2.66
	3/25/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	260	38000	<5	n/a	193000	592000	6.16	711	5.26
	9/29/1999	<40	<2	<2	n/a	<1	n/a	<4	<10	290	34100	<20	n/a	168000	551000	6.54	388	16.1
	3/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<20	n/a	n/a	n/a	6.46	1167	18.4
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	346	n/a	<20	n/a	n/a	n/a	6.71	958	3.75
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<20	n/a	n/a	n/a	6.51	922	4.88
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<20	n/a	n/a	n/a	7.62	791	4.55
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	330	n/a	<5	n/a	n/a	n/a	6.44	972	1.32
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.69	1003	1.3
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	620	n/a	<5	n/a	n/a	n/a	6.52	1078	0.99
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	390	n/a	<5	n/a	n/a	n/a	6.58	1445	2.59
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	6.5	1568	3.24
	8/9/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	380	n/a	<5	n/a	n/a	n/a	6.6	1396	3.68
	2/25/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	414	n/a	<5	n/a	n/a	n/a	8.18	1123	2.06
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	403	n/a	<5	n/a	n/a	n/a	6.61	1200	2.86
	2/23/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	400	n/a	<5	n/a	n/a	n/a	6.83	1163	2.15
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	470	n/a	<5	n/a	n/a	n/a	6.95	798	3.39
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	403	n/a	<5	n/a	n/a	n/a	6.52	781	0.76
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	370	n/a	<5	n/a	n/a	n/a	6.67	897	1.83
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.59	738	1.47
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	430	n/a	<5	n/a	n/a	n/a	6.66	550	1.94
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	409	n/a	<5	n/a	n/a	n/a	6.61	916	2.37
	8/7/2009	n/a	4	<0.5	n/a	n/a	n/a	n/a	<10	345	n/a	<5	n/a	n/a	n/a	5.7	896	4.85
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	338	n/a	<5	n/a	n/a	n/a	6.55	1116	4.77
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	382	n/a	<5	n/a	n/a	n/a	6.8	810	3.75
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	590	n/a	<2	n/a	n/a	n/a	6.43	701	3.38
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	347	n/a	<2	n/a	n/a	n/a	6.52	1019	4.48
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	501	n/a	<2	n/a	n/a	n/a	6.32	803	2.96
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	489	n/a	<2	n/a	n/a	n/a	6.52	931	5.02
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	366	n/a	<5	n/a	n/a	n/a	6.85	699	4.98
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	578	n/a	<5	n/a	n/a	n/a	6.34	807	5.03
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	414	n/a	<5	n/a	n/a	n/a	6.64	1242	17.3
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	338	n/a	8	n/a	n/a	n/a	5.99	1090	4.66
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	380	n/a	<5	n/a	n/a	n/a	6.7	1198	4.59
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	304	n/a	8	n/a	n/a	n/a	6.56	801	3.78
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	312	n/a	<5	n/a	n/a	n/a	6.61	1108	3.18
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	368	n/a	<5	n/a	n/a	n/a	6.62	1353	3.19
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	348	n/a	<5	n/a	n/a	n/a	6.34	1182	4.42
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	457	n/a	<5	n/a	n/a	n/a	6.62	1291	3.18
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	513	n/a	<5	n/a	n/a	n/a	6.74	1130	1.61
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	386	n/a	<5	n/a	n/a	n/a	6.55	1214	1.12
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	361	n/a	<5	n/a	n/a	n/a	6.65	1110	2.59
	9/16/2019	1.74	<2	<2	48700	<2	0.463	0.239	4.25	407	n/a	<5	<50	n/a	n/a	6.56	1192	1.31
	11/13/2019	1.26	<2	0.109	n/a	0.141	<2	0.602	<10	341	n/a	<5	<50	n/a	n/a	6.34	860	0.41
	2/25/2020	2.57	<2	<2	n/a	<2	<2	0.163	8.19	304	n/a	<5	22	n/a	n/a	6.8	1058	1.95
	5/11/2020	1.15	<2	<2	n/a	<2	<2	0.224(J)	9.86(J)	360	n/a	<5	<50	n/a	n/a	6.76	1006	1.41
	8/4/2020	1.46	<2	<2	n/a	<2	<2	0.203(J)	<10	402	n/a	<5	<50	n/a	n/a	6.58	901	1.11
	11/3/2020	1.07	<2	<2	n/a	<2	<2	0.168	<10	416	n/a	<5	<50	n/a	n/a	6.55	944	1.69
	2/23/2021	1.23	<5	<0.3	n/a	<0.25	<20	0.379	<20	393	n/a	<5	<150	n/a	n/a	6.82	701	1.88
	5/12/2021	1.94	<5.2	<0.312	n/a	<0.26	<20.8	0.378	<20	379	n/a	<5	<150	n/a	n/a	6.59	563	0.87
	8/24/2021	1.64	<5.2	<0.312	n/a	<0.26	<20.8	0.304	7.14	375	n/a	<5	<150	n/a	n/a	6.67	414	1.09
	11/9/2021	1.41	<5.2	<0.312	n/a	<0.26	<20.8	0.279	<20.8	550	n/a	<5	<150	n/a	n/a	6.53	727	0.61
	3/3/2022	0.91	<5.2	<0.312	n/a	<0.26	<20.8	0.215	<20.8	445	n/a	<5	<150	n/a	n/a	6.57	904	2.39
	5/23/2022	1.49	<5.20	<0.312	n/a	<0.260	<20.8	0.335	<20.8	473	n/a	<5	<150	n/a	n/a	6.61	503	0.98
	3/14/2023	1.17	<5.20	<0.312	n/a	<0.260	<20.8	0.194	<20.8	442	n/a	4	<150	n/a	n/a	6.98	1127	7.51
	8/15/2023	1.4	<5.20	<0.312	n/a	<0.260	<20.8	0.145	<20.8	444	n/a	<5	<150	n/a	n/a	6.69	1305	3.53
	3/6/2024	2.11	<5.20	<0.312	n/a	<0.260	1.75	5.59	6.64	302	n/a	<5	<150	n/a	n/a	6.99	442	38.3
	8/23/2024	2.74	<5.20	<0.312	n/a	<0.260	<20.8	3.42	7.15	1710	n/a	2	<150	n/a	n/a	6.7	794	18.7
MW-8S	d																	
	5/11/2020	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	449	n/a	<5	<50	n/a	n/a	7.17	2090	0.48
	8/4/2020	0.68	7.41	<2	n/a	<2	<2	1.78	5.33	504	n/a	<5	<50	n/a	n/a	7.06	1505	2.29
	2/23/2021	0.87	5.34	<0.3	n/a	<0.25	<20	0.221(J)	<20	454	n/a	<5	<150	n/a	n/a	7.26	2080	0.51
	5/12/2021	3.92	5.06(J)	<0.312	n/a	<0.26	<20.8	0.216(J)	<20.8	484	n/a	<5	<150	n/a	n/a	7.01	1264	0.51
	8/24/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<5	n/a	n/a	n/a	7.48	2200	0.78
	11/9/2021	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<5	n/a	n/a	n/a	7.07	2010	1.54
	3/3/2022	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	<5	n/a	n/a	n/a	6.91	1797	0.88
	11/28/2022	0.83	5.09	n/a	n/a	n/a	n/a	0.235	n/a	572	n/a	<5	n/a	n/a	n/a	7.21	1543	n/a
	3/14/2023	0.64	6.1	n/a	n/a	n/a	n/a	0.226	n/a	601	n/a	<5	n/a	n/a	n/a	7.29	2080	3.08
	11/17/2023	0.57	5.4	n/a	n/a	n/a	n/a	0.311	n/a	774	n/a	<5	n/a	n/a	n/a	6.88	2150	5.15
	6/28/2024	1.61	5.16	n/a	n/a	n/a	n/a	0.542	20.8	549	n/a	<5	n/a	n/a	n/a	7.02	1589	7.59
	8/23/2024	0.76	4.78	n/a	n/a	n/a	n/a	0.209	<20.8	589	n/a	<5	n/a	n/a	n/a	6.94	1525	1.88

		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-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	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	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	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	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	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	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	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	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	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	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	n/a
	10/27/1995	3	n/a	3	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	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	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	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	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	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	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

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-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	n/a	<10	180	n/a	<20	n/a	n/a	n/a	6.42	207	28.5
	9/21/2000	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	200	n/a	<20	n/a	n/a	n/a	6.63	344	8.11
	3/29/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	140	n/a	<20	n/a	n/a	n/a	6.1	340	12.8
	8/31/2001	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<20	n/a	n/a	n/a	6.76	341	4.34
	2/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	199	n/a	<5	n/a	n/a	n/a	6.46	316	6.17
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	150	n/a	<5	n/a	n/a	n/a	6.69	322	5.45
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<250	n/a	<5	n/a	n/a	n/a	6.64	321	22.9
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	270	n/a	<5	n/a	n/a	n/a	6.6	335	6.56
	2/12/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	240	n/a	<5	n/a	n/a	n/a	6.5	321	4.01
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	290	n/a	<5	n/a	n/a	n/a	6.8	314	6.94
	2/25/2005	n/a	2.3	<2	n/a	n/a	n/a	n/a	<10	286	n/a	<5	n/a	n/a	n/a	7.02	318	35.4
	8/9/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	275	n/a	<5	n/a	n/a	n/a	6.63	398	9.97
	2/21/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	350	n/a	<5	n/a	n/a	n/a	6.84	310	4.83
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	310	n/a	<5	n/a	n/a	n/a	6.83	225	3.28
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	269	n/a	<5	n/a	n/a	n/a	6.45	316	1.28
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	228	n/a	<5	n/a	n/a	n/a	6.59	306	2.23
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.57	252	3.26
	8/14/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	247	n/a	<5	n/a	n/a	n/a	6.6	225	3.53
	2/11/2009	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	238	n/a	<5	n/a	n/a	n/a	6.53	286	2.69
	8/7/2009	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	198	n/a	<5	n/a	n/a	n/a	5.56	293	4.78
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	191	n/a	<5	n/a	n/a	n/a	6.49	282	0.91
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	219	n/a	<5	n/a	n/a	n/a	6.72	250	0.85
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	280	n/a	<2	n/a	n/a	n/a	6.37	296	0.47
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	207	n/a	<2	n/a	n/a	n/a	6.31	276	0.59
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	306	n/a	<2	n/a	n/a	n/a	6.32	279	2.63
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	314	n/a	<2	n/a	n/a	n/a	6.54	298	0.38
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	209	n/a	<5	n/a	n/a	n/a	6.69	177	3.62
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	275	n/a	<5	n/a	n/a	n/a	6.3	326	0.97
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	228	n/a	<5	n/a	n/a	n/a	6.53	302	0.73
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	205	n/a	<5	n/a	n/a	n/a	6.26	291	1.9
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	205	n/a	<5	n/a	n/a	n/a	6.69	299	0.95
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	171	n/a	5	n/a	n/a	n/a	6.54	272	0.91
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	312	n/a	<5	n/a	n/a	n/a	6.69	282	5.32
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	206	n/a	<5	n/a	n/a	n/a	6.52	281	1.66
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	203	n/a	<5	n/a	n/a	n/a	5.65	296	1.3
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	281	n/a	<5	n/a	n/a	n/a	6.6	288	3.66
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	283	n/a	<5	n/a	n/a	n/a	6.6	271	3.68
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	208	n/a	<5	n/a	n/a	n/a	6.54	283	2.79
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	190	n/a	<5	n/a	n/a	n/a	6.52	293	2.24
	9/16/2019	1.78	<2	<2	15100	<2	<2	0.257	18.9	245	n/a	<5	<50	n/a	n/a	6.58	286	2.88
	11/13/2019	1.74	<2	<2	n/a	<2	<2	0.598	<10	181	n/a	<5	<50	n/a	n/a	6.71	291	2.26
	2/25/2020	1.06	<2	<2	n/a	<2	<2	0.216	16.9	182	n/a	<5	<50	n/a	n/a	6.62	292	1.08
	5/11/2020	9.12	<2	<2	n/a	<2	<2	0.397	<10	200	n/a	<5	53	n/a	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	<0.312	n/a	<0.260	<20.8	0.093	<20.8	275	n/a	<5	<150	n/a	n/a	6.58	153.8	4.67
	3/14/2023	0.79	<5.20	<0.312	n/a	<0.260	<20.8	0.058	<20.8	262	n/a	<5	<150	n/a	n/a	6.77	316	2.91
	8/15/2023	0.95	<5.20	<0.312	n/a	<0.260	<20.8	0.104 J	<20.8	281	n/a	<5	<150	n/a	n/a	6.13	204	2.13
	3/6/2024	<1.56	<5.20	<0.312	n/a	<0.260	1.8	<0.260	5.29	314	n/a	2	<150	n/a	n/a	6.19	395	3.95
	8/23/2024	1.4	<5.20	<0.312	n/a	<0.260	<20.8	0.101	6.45	285	n/a	<5	<150	n/a	n/a	6.5	261	3.24

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

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

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

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

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

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-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	n/a	<10	302	n/a	<5	n/a	n/a	n/a	8.11	260	4.06
	8/10/2005	n/a	<2	<2	n/a	n/a	n/a	n/a	11	288	n/a	<5	n/a	n/a	n/a	6.48	271	18.27
	2/22/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	410	n/a	<5	n/a	n/a	n/a	6.85	265	3.57
	8/11/2006	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	339	n/a	<5	n/a	n/a	n/a	6.64	152.6	5.43
	2/21/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	303	n/a	<5	n/a	n/a	n/a	6.4	272	1.61
	8/8/2007	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	266	n/a	<5	n/a	n/a	n/a	6.52	213	3.19
	2/7/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<100	n/a	<5	n/a	n/a	n/a	6.48	213	3.19
	8/15/2008	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	282	n/a	<5	n/a	n/a	n/a	6.49	204	2.51
	2/11/2009	n/a	<2	2	n/a	n/a	n/a	n/a	<10	281	n/a	<5	n/a	n/a	n/a	6.49	288	4.98
	8/7/2009	n/a	2	<0.5	n/a	n/a	n/a	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

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

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-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

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

		Ni (ug/l)	Se (ug/l)	Ag (ug/l)	Na (ug/l)	Tl (ug/l)	Sn (ug/l)	Va (ug/l)	Zn (ug/l)	Fluoride (ug/l)	Chloride (ug/l)	Cyanide (ug/l)	Sulfide (ug/l)	Sulfate (ug/l)	TDS (ug/l)	pH (SU)	Spec. Cond. (umhos/cm)	Turb (NTU)
MW-26	d																	
	5/21/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	15	166	n/a	<5	n/a	n/a	n/a	6.88	252	6.93
	8/26/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	130	n/a	<5	n/a	n/a	n/a	6.68	263	6.67
	11/19/2002	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	230	n/a	<5	n/a	n/a	n/a	6.67	268	6.99
	3/10/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	380	n/a	<5	n/a	n/a	n/a	6.47	256	8.83
	6/25/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	360	n/a	<5	n/a	n/a	n/a	6.45	262	8.64
	8/29/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	220	n/a	<5	n/a	n/a	n/a	6.67	264	6.62
	12/22/2003	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	<250	n/a	<5	n/a	n/a	n/a	6.4	256	6.65
	2/13/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	20	160	n/a	<5	n/a	n/a	n/a	6.54	257	4.71
	8/10/2004	n/a	<2	<2	n/a	n/a	n/a	n/a	<10	210	n/a	<5	n/a	n/a	n/a	6.39	245	9.55
	2/25/2005	n/a	2.1	<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	5.65	255	5.76
	2/11/2010	n/a	<2	<0.5	n/a	n/a	n/a	n/a	<10	130	n/a	<5	n/a	n/a	n/a	6.65	249	15.9
	8/17/2010	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	154	n/a	<5	n/a	n/a	n/a	6.5	147	4.25
	2/22/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	240	n/a	<2	n/a	n/a	n/a	6.37	236	3.94
	8/24/2011	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	165	n/a	<2	n/a	n/a	n/a	6.65	248	3.28
	2/7/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	232	n/a	<2	n/a	n/a	n/a	6.34	243	4.43
	8/14/2012	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	164	n/a	2	n/a	n/a	n/a	6.69	258	4.96
	2/15/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	143	n/a	<5	n/a	n/a	n/a	7.08	211	7.94
	8/6/2013	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	221	n/a	<5	n/a	n/a	n/a	6.47	275	8.09
	2/18/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	158	n/a	<5	n/a	n/a	n/a	6.63	275	10.7
	8/20/2014	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	162	n/a	<5	n/a	n/a	n/a	5.53	274	8.63
	2/11/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	149	n/a	<5	n/a	n/a	n/a	6.83	269	2.47
	8/27/2015	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	112	n/a	<5	n/a	n/a	n/a	6.31	247	4.87
	2/9/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	122	n/a	<5	n/a	n/a	n/a	6.67	260	8.25
	8/22/2016	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	212	n/a	<5	n/a	n/a	n/a	6.63	254	8.99
	2/22/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	145	n/a	<5	n/a	n/a	n/a	6.42	271	4.06
	8/28/2017	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	242	n/a	<5	n/a	n/a	n/a	6.71	253	6.11
	2/6/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	244	n/a	<5	n/a	n/a	n/a	6.81	250	3.79
	8/21/2018	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	161	n/a	<5	n/a	n/a	n/a	6.58	251	0.63
	2/4/2019	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	137	n/a	<5	n/a	n/a	n/a	6.69	259	4.22
	9/16/2019	0.876	<2	<2	14800	<2	<2	0.21	2.73	205	n/a	<5	<50	n/a	n/a	6.52	241	5.91
	11/13/2019	0.56	<2	<2	n/a	<2	<2	<5	<10	142	n/a	<5	<50	n/a	n/a	6.25	260	0.56
	2/25/2020	1.2	<2	<2	n/a	<2	<2	<5	10.6	145	n/a	<5	<50	n/a	n/a	6.78	243	4.69
	5/11/2020	0.75	<2	<2	n/a	<2	<2	<5	<10	153	n/a	<5	<50	n/a	n/a	6.56	244	8.38
	8/4/2020	0.55	<2	<3	n/a	<2	<2	0.152(J)	<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(J)	<20	0.342	<20	182	n/a	<5	<150	n/a	n/a	6.94	255	6.16
	5/12/2021	0.94	<5.2	<0.312	n/a	<0.26	<20.8	0.107(J)	9.17(J)	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(J)	299(J)	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 (J)	5.92 (J)	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

		Sb (ug/l)	Al (ug/l)	As (ug/l)	Ba (ug/l)	Be (ug/l)	Ca (ug/l)	Cd (ug/l)	Cr (ug/l)	Co (ug/l)	Cu (ug/l)	Fe (ug/l)	K (ug/l)	Pb (ug/l)	Mg (ug/l)	Mn (ug/l)	Hg (ug/l)
MW-27	d																
	5/21/2002	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/26/2002	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	11/19/2002	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	3/10/2003	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	6/25/2003	n/a	n/a	<1	20	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/29/2003	n/a	n/a	2	25	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	12/22/2003	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/13/2004	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/10/2004	n/a	n/a	1.2	30	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/25/2005	n/a	n/a	2	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/10/2005	n/a	n/a	<1	23	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/22/2006	n/a	n/a	<1	18	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/11/2006	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	24	n/a	n/a	<1	n/a	n/a	n/a
	2/21/2007	n/a	n/a	<1	22	1.9	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/8/2007	n/a	n/a	<1	16	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/7/2008	n/a	n/a	1	19	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/15/2008	n/a	n/a	<1	24	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/12/2009	n/a	n/a	<1	21	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	1	n/a	n/a	n/a
	8/7/2009	n/a	n/a	<1	22	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	2/11/2010	n/a	n/a	<1	47	<0.2	n/a	n/a	n/a	n/a	<20	n/a	n/a	<1	n/a	n/a	n/a
	8/17/2010	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/22/2011	n/a	n/a	2	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/24/2011	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/7/2012	n/a	n/a	1.02	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	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	1.48	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
	8/27/2015	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	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	n/a
	2/22/2017	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	8/28/2017	n/a	n/a	1.04	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	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	n/a
	8/21/2018	n/a	n/a	<1	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
	2/4/2019	n/a	n/a	1.14	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	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

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

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

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